

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091424\
 Data File : VN083883.D
 Acq On : 14 Sep 2024 12:21
 Operator : JC\MD
 Sample : VN0914WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/16/2024
 Supervised By : Mahesh Dadoda 09/16/2024

Quant Time: Sep 16 01:31:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	150615	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	268043	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	231014	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	106137	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	109472	48.203	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.400%		
35) Dibromofluoromethane	8.165	113	80069	46.661	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.320%		
50) Toluene-d8	10.565	98	286597	48.312	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.620%		
62) 4-Bromofluorobenzene	12.847	95	104261	42.599	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	85.200%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	31083	17.770	ug/l	93
3) Chloromethane	2.365	50	33129	17.341	ug/l	97
4) Vinyl Chloride	2.518	62	34339	17.911	ug/l	97
5) Bromomethane	2.959	94	21948	19.938	ug/l	93
6) Chloroethane	3.124	64	23111	17.185	ug/l	98
7) Trichlorofluoromethane	3.500	101	57757	17.747	ug/l	99
8) Diethyl Ether	3.959	74	19490	17.866	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.377	101	31037	17.993	ug/l	98
10) Methyl Iodide	4.583	142	38789	17.681	ug/l	99
11) Tert butyl alcohol	5.512	59	31687	104.194	ug/l	99
12) 1,1-Dichloroethene	4.336	96	28985	17.793	ug/l	92
13) Acrolein	4.177	56	28573	95.224	ug/l	97
14) Allyl chloride	5.030	41	48068	16.559	ug/l	92
15) Acrylonitrile	5.718	53	77281	93.442	ug/l	98
16) Acetone	4.424	43	79449	87.267	ug/l	99
17) Carbon Disulfide	4.712	76	75187	16.499	ug/l	99
18) Methyl Acetate	5.024	43	38578	19.194	ug/l	97
19) Methyl tert-butyl Ether	5.800	73	105054	17.821	ug/l	99
20) Methylene Chloride	5.277	84	33243	17.843	ug/l	94
21) trans-1,2-Dichloroethene	5.788	96	30608	17.532	ug/l	90
22) Diisopropyl ether	6.677	45	110419	18.479	ug/l	99
23) Vinyl Acetate	6.606	43	407877	93.210	ug/l	98
24) 1,1-Dichloroethane	6.577	63	61763	17.941	ug/l	96
25) 2-Butanone	7.482	43	113459	94.818	ug/l	98
26) 2,2-Dichloropropane	7.488	77	55064	17.368	ug/l	98
27) cis-1,2-Dichloroethene	7.482	96	36657	17.687	ug/l	96
28) Bromochloromethane	7.818	49	29757	20.526	ug/l	96
29) Tetrahydrofuran	7.841	42	70613	99.801	ug/l	96
30) Chloroform	7.965	83	65821	18.010	ug/l	96
31) Cyclohexane	8.253	56	55176	16.810	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	61312	18.244	ug/l	95
36) 1,1-Dichloropropene	8.371	75	44678	17.298	ug/l	99
37) Ethyl Acetate	7.565	43	44922	19.161	ug/l	97
38) Carbon Tetrachloride	8.365	117	51728	17.654	ug/l	91
39) Methylcyclohexane	9.600	83	47534	16.169	ug/l	92
40) Benzene	8.606	78	135287	17.403	ug/l	99

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Quant Time: Sep 16 01:31:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
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Manual Integrations
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Reviewed By :John Carlone 09/16/2024
 Supervised By :Mahesh Dadoda 09/16/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	24877	17.941	ug/l	98
42) 1,2-Dichloroethane	8.671	62	53684	18.481	ug/l	98
43) Isopropyl Acetate	8.688	43	78824	18.554	ug/l	100
44) Trichloroethene	9.353	130	31843	17.688	ug/l	81
45) 1,2-Dichloropropane	9.623	63	33097	17.615	ug/l	92
46) Dibromomethane	9.706	93	24091	18.306	ug/l	98
47) Bromodichloromethane	9.888	83	52017	18.263	ug/l	95
48) Methyl methacrylate	9.676	41	37915	18.811	ug/l	98
49) 1,4-Dioxane	9.694	88	13047	393.481	ug/l #	100
51) 4-Methyl-2-Pentanone	10.441	43	229372	99.183	ug/l	97
52) Toluene	10.629	92	84594	17.790	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	51282	17.763	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	52852	17.428	ug/l	90
55) 1,1,2-Trichloroethane	11.012	97	32548	18.335	ug/l	96
56) Ethyl methacrylate	10.876	69	50811	18.604	ug/l	94
57) 1,3-Dichloropropane	11.165	76	56481	18.512	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	107703	109.441	ug/l	97
59) 2-Hexanone	11.194	43	167448	97.883	ug/l	97
60) Dibromochloromethane	11.359	129	36253	18.248	ug/l	100
61) 1,2-Dibromoethane	11.470	107	32921	18.595	ug/l	96
64) Tetrachloroethene	11.106	164	26528	17.268	ug/l	94
65) Chlorobenzene	11.894	112	88798	17.295	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	31475	17.683	ug/l	100
67) Ethyl Benzene	11.964	91	160169	17.561	ug/l	99
68) m/p-Xylenes	12.070	106	119405	35.262	ug/l	99
69) o-Xylene	12.400	106	57260	17.467	ug/l	99
70) Styrene	12.412	104	94968	17.652	ug/l	96
71) Bromoform	12.582	173	23097	19.256	ug/l #	99
73) Isopropylbenzene	12.694	105	148254	18.055	ug/l	100
74) N-amyl acetate	12.494	43	67374	19.231	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	45435	18.832	ug/l	97
76) 1,2,3-Trichloropropane	12.988	75	38842m	18.137	ug/l	
77) Bromobenzene	12.976	156	34980	17.697	ug/l	99
78) n-propylbenzene	13.035	91	176674	18.492	ug/l	99
79) 2-Chlorotoluene	13.123	91	110843	18.192	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	125661	18.151	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	14150	17.304	ug/l #	82
82) 4-Chlorotoluene	13.223	91	110520	18.075	ug/l	97
83) tert-Butylbenzene	13.435	119	107801	17.798	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	125107	17.990	ug/l	99
85) sec-Butylbenzene	13.617	105	146949	18.294	ug/l	100
86) p-Isopropyltoluene	13.729	119	119830	17.796	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	64143	17.195	ug/l	98
88) 1,4-Dichlorobenzene	13.811	146	64360	17.039	ug/l	99
89) n-Butylbenzene	14.053	91	105407	17.435	ug/l	98
90) Hexachloroethane	14.335	117	23427	17.307	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	62329	17.313	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	9379	19.501	ug/l	96
93) 1,2,4-Trichlorobenzene	15.388	180	30209	15.637	ug/l	99
94) Hexachlorobutadiene	15.500	225	14075	17.156	ug/l	97
95) Naphthalene	15.641	128	97974	16.669	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	29761	16.119	ug/l	100

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ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS01

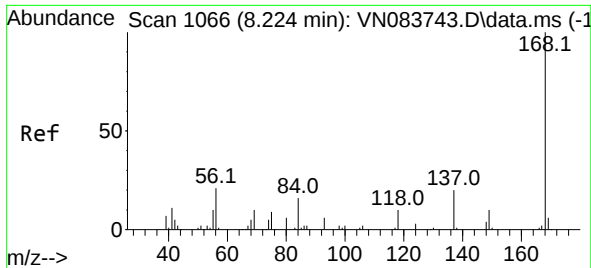
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/16/2024
Supervised By :Mahesh Dadoda 09/16/2024

Quant Time: Sep 16 01:31:47 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration

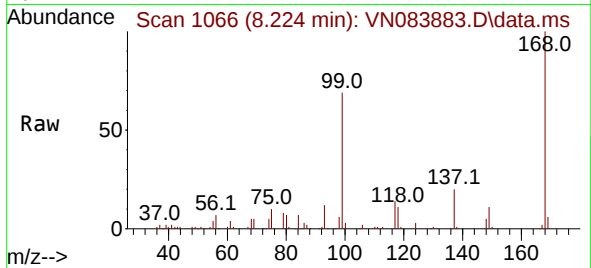
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083883.D
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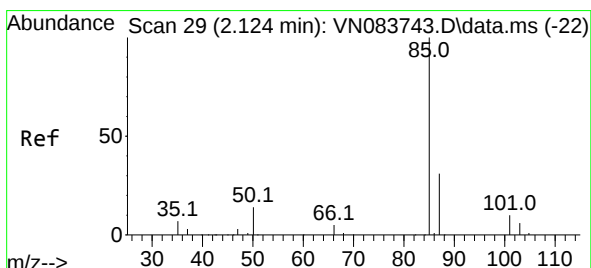
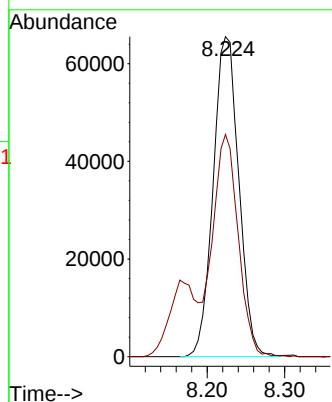
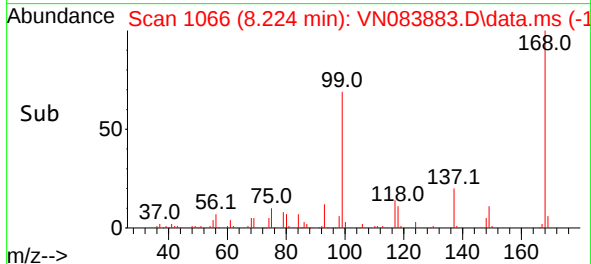
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS01



Tgt Ion:168 Resp: 15061
Ion Ratio Lower Upper
168 100
99 69.2 54.2 81.2

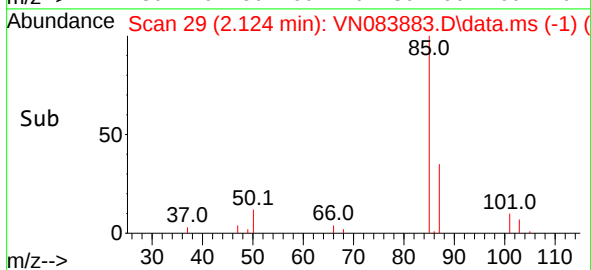
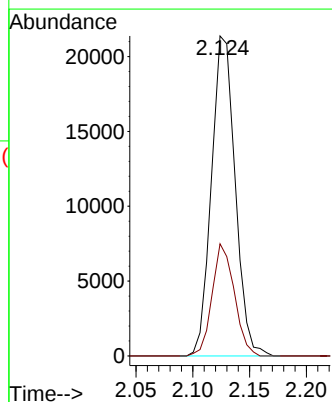
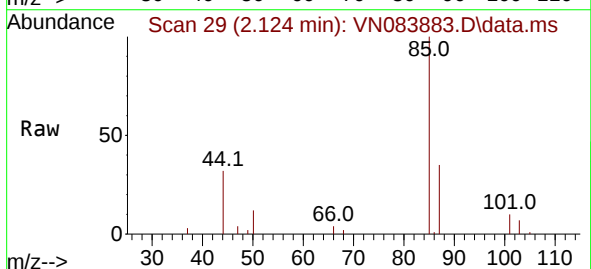
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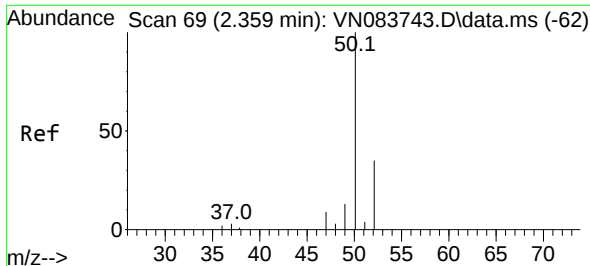
Reviewed By :John Carlone 09/16/2024
Supervised By :Mahesh Dadoda 09/16/2024



#2
Dichlorodifluoromethane
Concen: 17.770 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN083883.D
Acq: 14 Sep 2024 12:21

Tgt Ion: 85 Resp: 31083
Ion Ratio Lower Upper
85 100
87 35.0 15.7 47.0





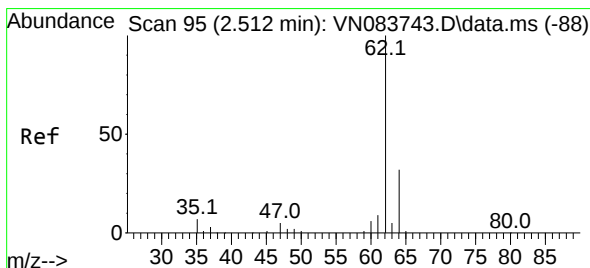
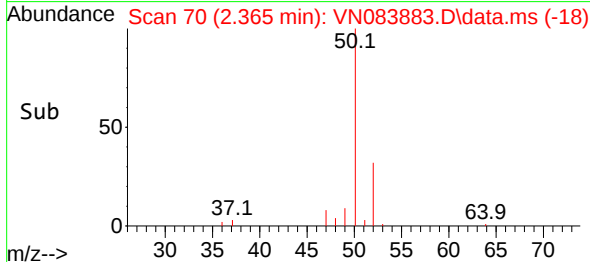
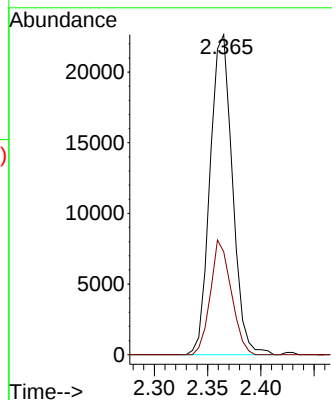
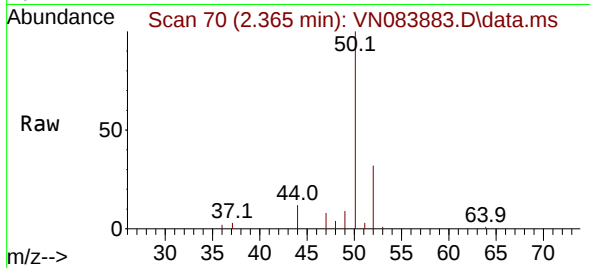
#3
Chloromethane
Concen: 17.341 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN083883.D
Acq: 14 Sep 2024 12:21

Instrument :
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Tgt Ion: 50 Resp: 33129
Ion Ratio Lower Upper
50 100
52 32.2 27.2 40.8

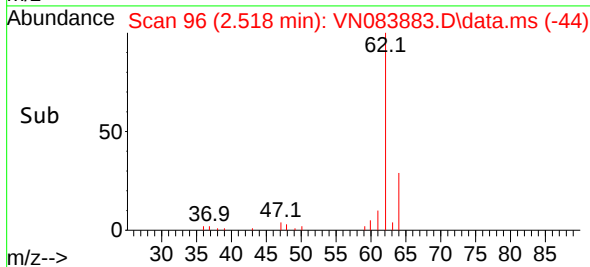
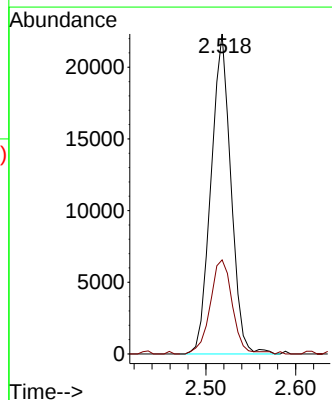
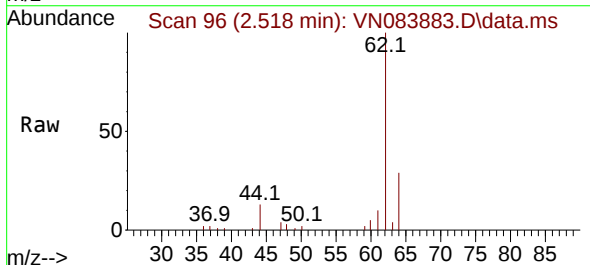
Manual Integrations
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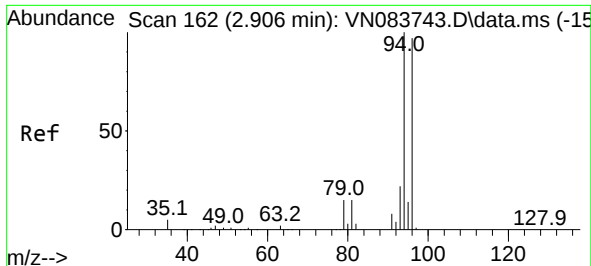
Reviewed By :John Carlone 09/16/2024
Supervised By :Mahesh Dadoda 09/16/2024



#4
Vinyl Chloride
Concen: 17.911 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN083883.D
Acq: 14 Sep 2024 12:21

Tgt Ion: 62 Resp: 34339
Ion Ratio Lower Upper
62 100
64 29.4 24.7 37.1





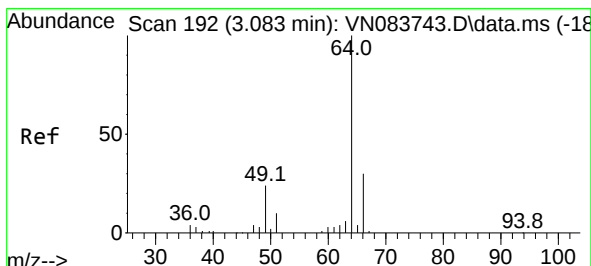
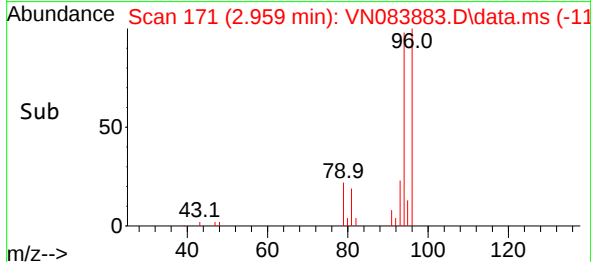
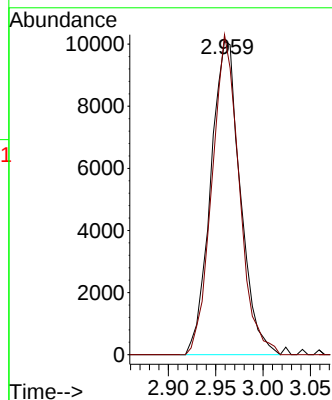
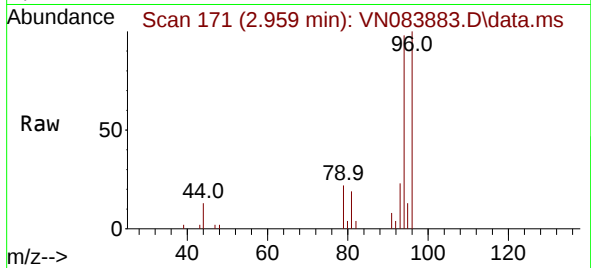
#5
Bromomethane
Concen: 19.938 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.053 min
Lab File: VN083883.D
Acq: 14 Sep 2024 12:21

Instrument :
MSVOA_N
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Tgt Ion: 94 Resp: 2194
Ion Ratio Lower Upper
94 100
96 102.2 76.0 114.0

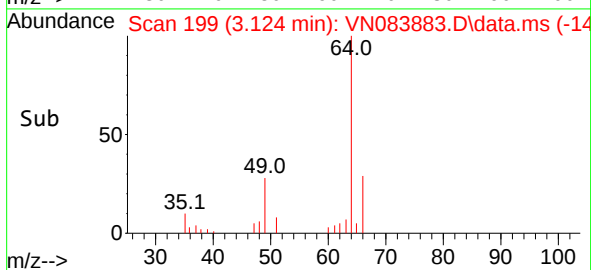
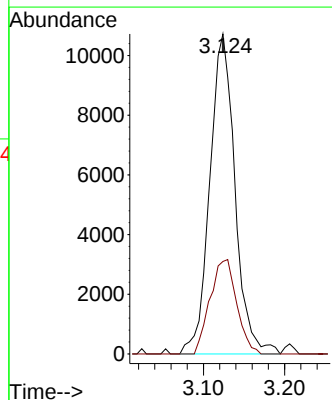
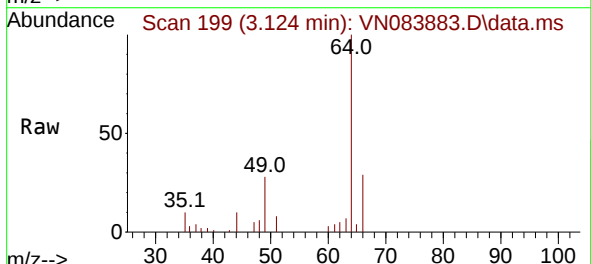
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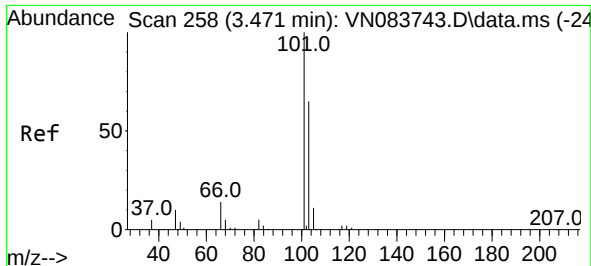
Reviewed By :John Carlone 09/16/2024
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#6
Chloroethane
Concen: 17.185 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.041 min
Lab File: VN083883.D
Acq: 14 Sep 2024 12:21

Tgt Ion: 64 Resp: 23111
Ion Ratio Lower Upper
64 100
66 28.9 23.9 35.9





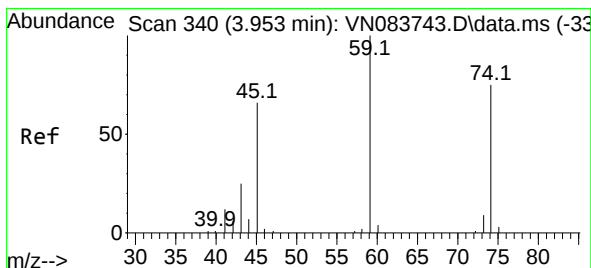
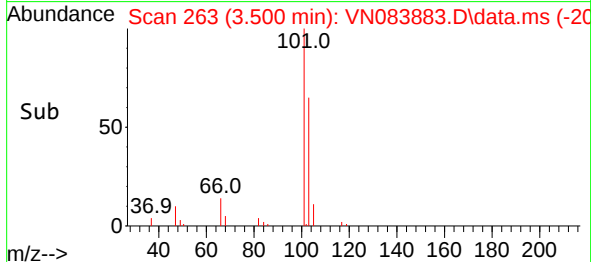
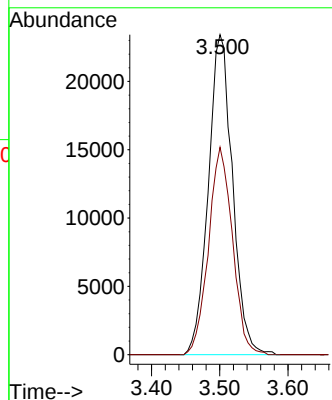
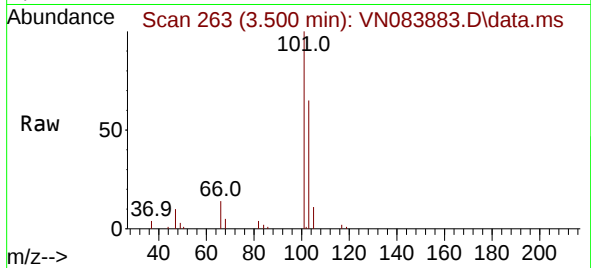
#7
 Trichlorofluoromethane
 Concen: 17.747 ug/l
 RT: 3.500 min Scan# 20
 Delta R.T. 0.029 min
 Lab File: VN083883.D
 Acq: 14 Sep 2024 12:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914WBS01

Tgt Ion:101 Resp: 5775
 Ion Ratio Lower Upper
 101 100
 103 64.8 51.4 77.0

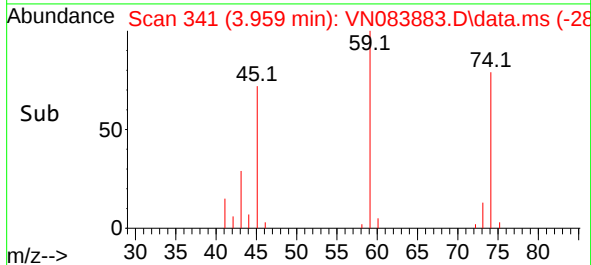
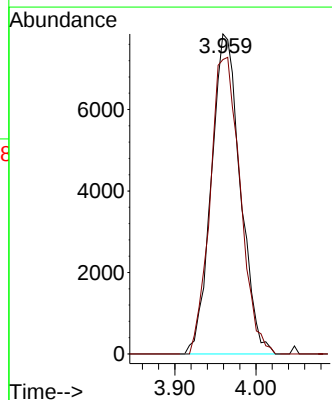
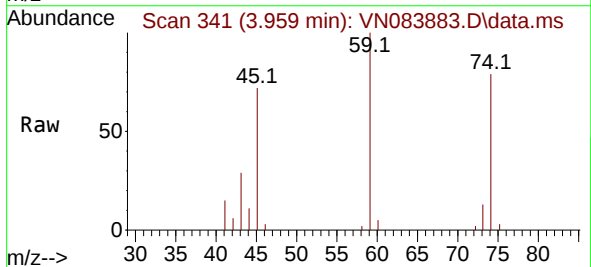
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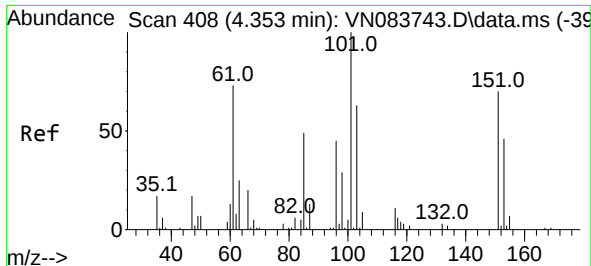
Reviewed By :John Carlone 09/16/2024
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#8
 Diethyl Ether
 Concen: 17.866 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN083883.D
 Acq: 14 Sep 2024 12:21

Tgt Ion: 74 Resp: 19490
 Ion Ratio Lower Upper
 74 100
 45 96.5 46.7 140.1





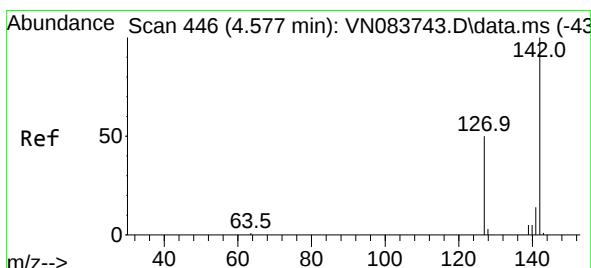
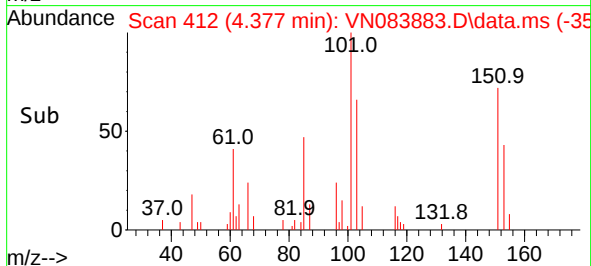
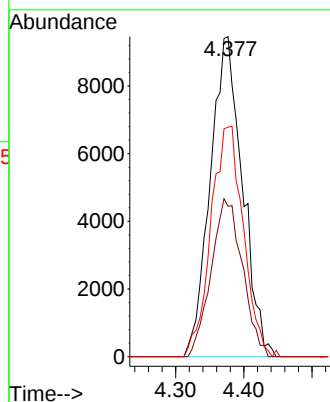
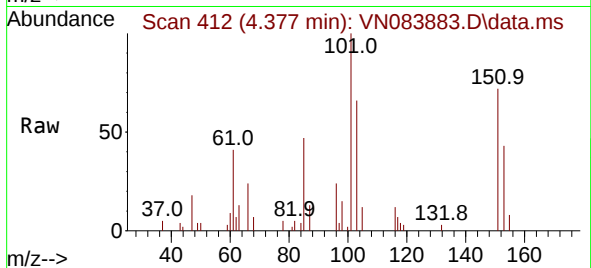
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.993 ug/l
RT: 4.377 min Scan# 412
Delta R.T. 0.023 min
Lab File: VN083883.D
Acq: 14 Sep 2024 12:21

Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS01

Tgt Ion:101 Resp: 3103
Ion Ratio Lower Upper
101 100
85 48.0 36.2 54.4
151 72.5 57.7 86.5

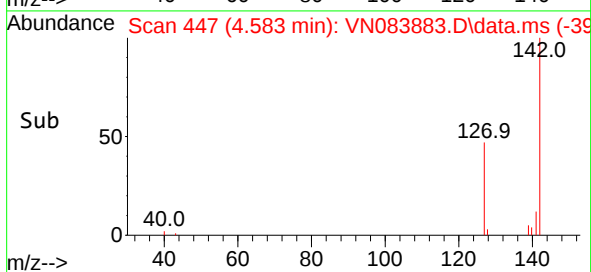
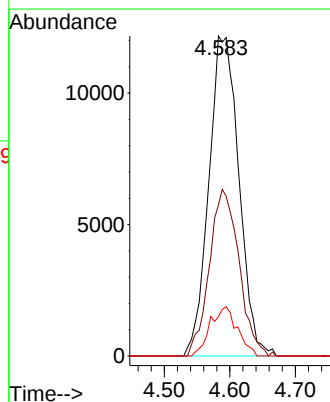
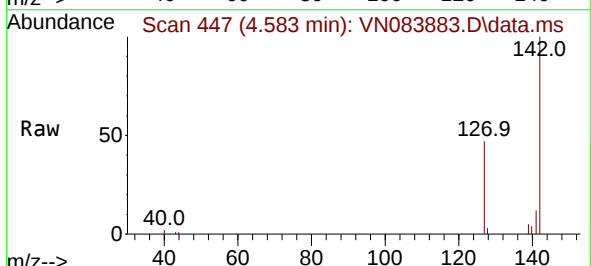
Manual Integrations
APPROVED

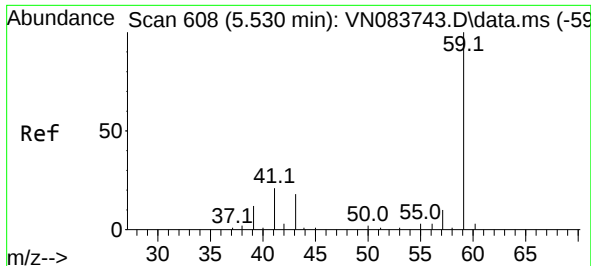
Reviewed By :John Carlone 09/16/2024
Supervised By :Mahesh Dadoda 09/16/2024



#10
Methyl Iodide
Concen: 17.681 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.006 min
Lab File: VN083883.D
Acq: 14 Sep 2024 12:21

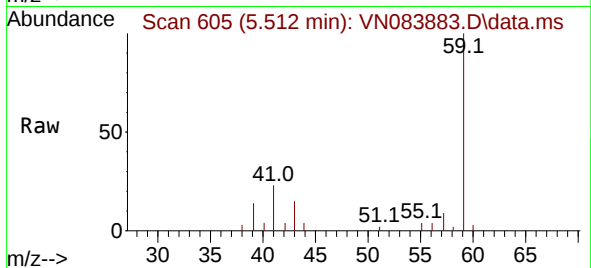
Tgt Ion:142 Resp: 38789
Ion Ratio Lower Upper
142 100
127 47.2 37.5 56.3
141 12.2 11.0 16.4





#11
Tert butyl alcohol
Concen: 104.194 ug/l
RT: 5.512 min Scan# 608
Delta R.T. -0.018 min
Lab File: VN083883.D
Acq: 14 Sep 2024 12:21

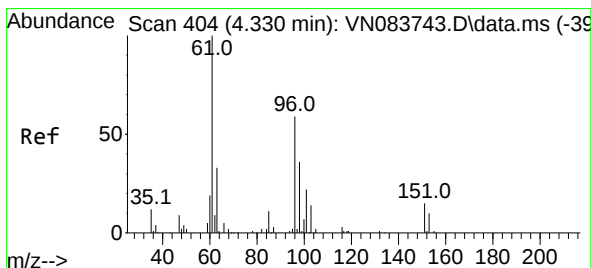
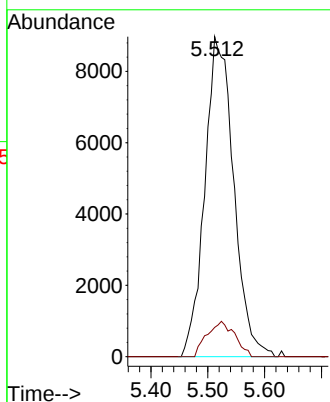
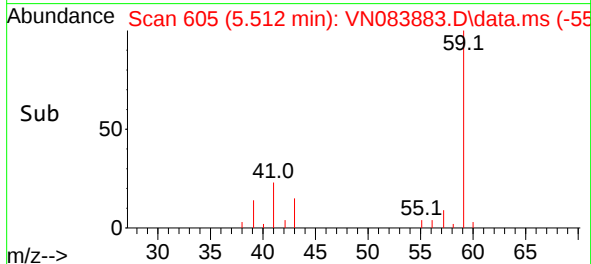
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS01



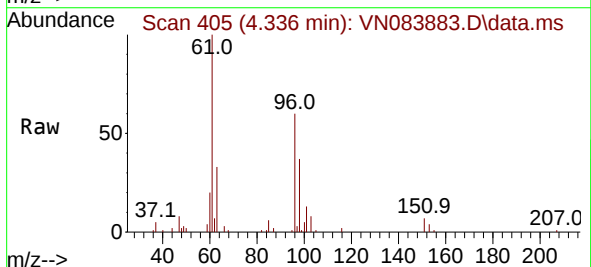
Tgt Ion: 59 Resp: 3168
Ion Ratio Lower Upper
59 100
57 10.6 8.7 13.1

Manual Integrations
APPROVED

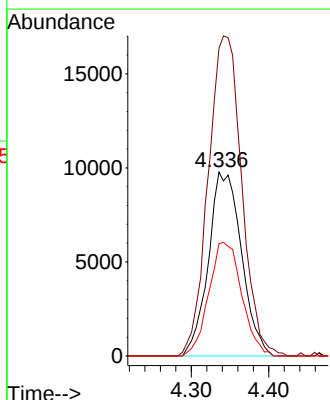
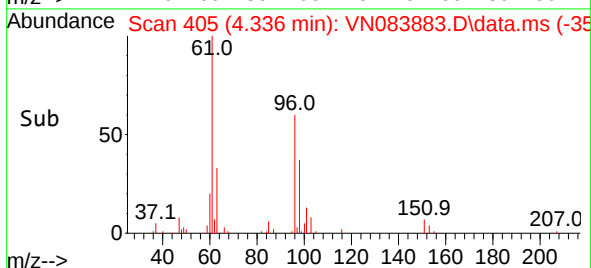
Reviewed By :John Carlone 09/16/2024
Supervised By :Mahesh Dadoda 09/16/2024

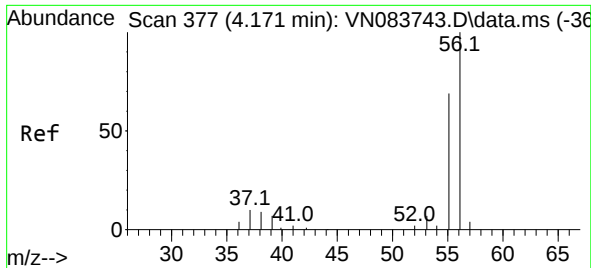


#12
1,1-Dichloroethene
Concen: 17.793 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.006 min
Lab File: VN083883.D
Acq: 14 Sep 2024 12:21



Tgt Ion: 96 Resp: 28985
Ion Ratio Lower Upper
96 100
61 167.4 143.4 215.0
98 61.1 52.7 79.1





#13

Acrolein

Concen: 95.224 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN083883.D

Acq: 14 Sep 2024 12:21

Instrument :

MSVOA_N

ClientSampleId :

VN0914WBS01

Tgt Ion: 56 Resp: 2857

Ion Ratio Lower Upper

56 100

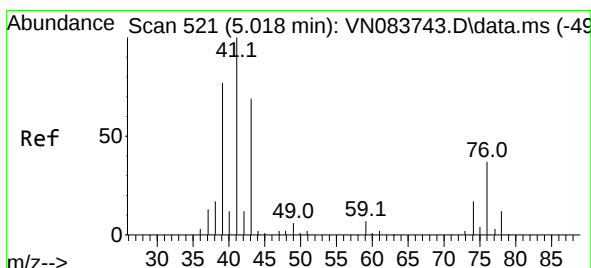
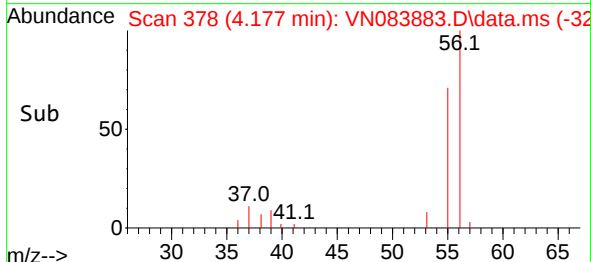
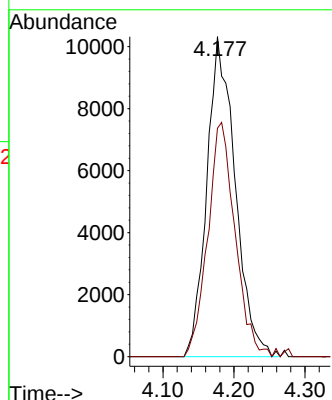
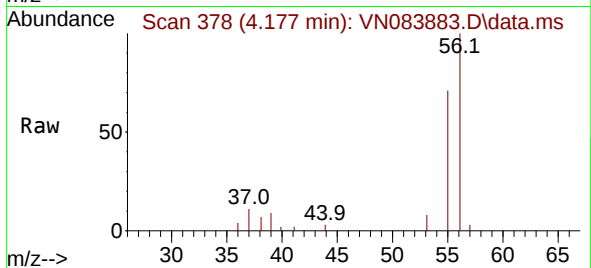
55 70.6 58.2 87.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2024

Supervised By :Mahesh Dadoda 09/16/2024



#14

Allyl chloride

Concen: 16.559 ug/l

RT: 5.030 min Scan# 523

Delta R.T. 0.012 min

Lab File: VN083883.D

Acq: 14 Sep 2024 12:21

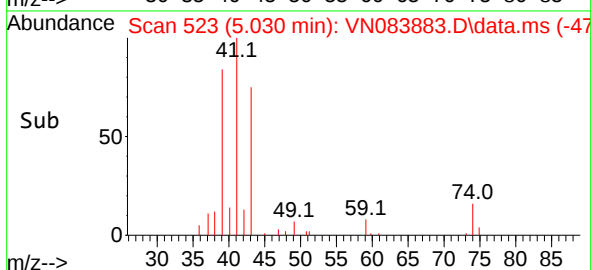
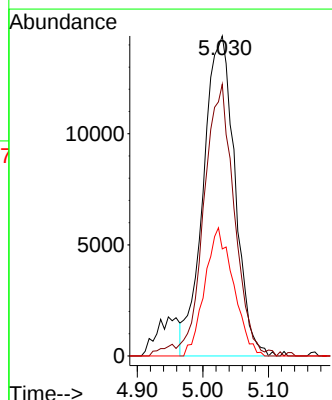
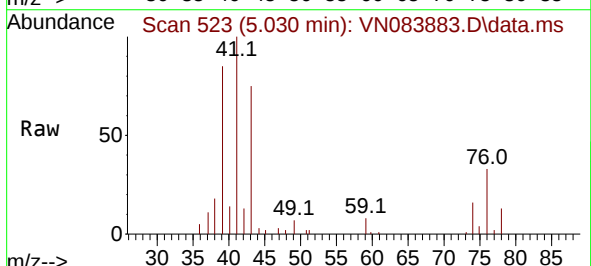
Tgt Ion: 41 Resp: 48068

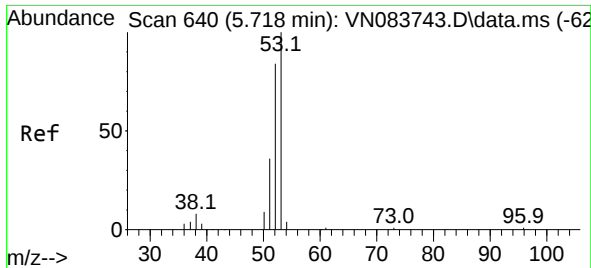
Ion Ratio Lower Upper

41 100

39 83.1 59.3 88.9

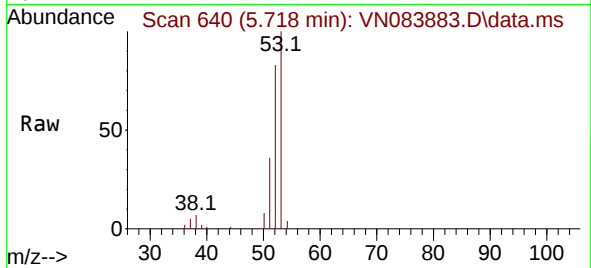
76 36.6 27.7 41.5





#15
Acrylonitrile
Concen: 93.442 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN083883.D
Acq: 14 Sep 2024 12:21

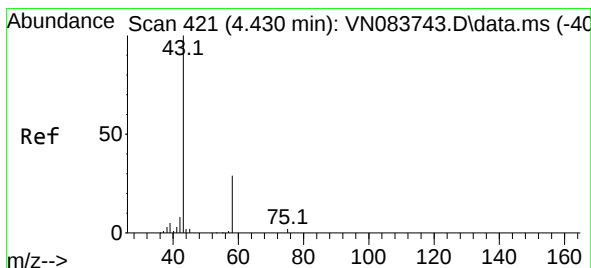
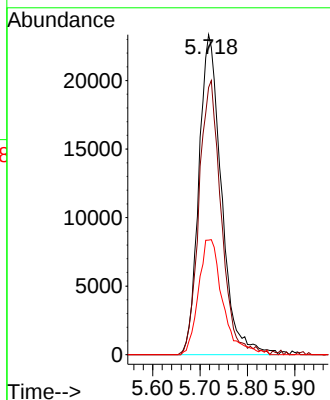
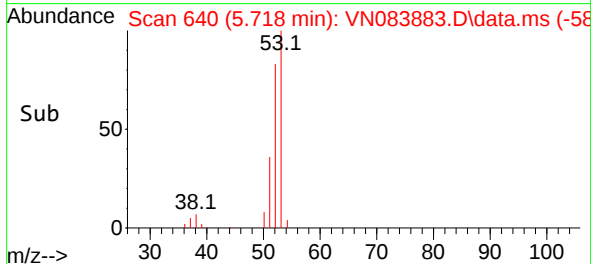
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS01



Tgt Ion: 53 Resp: 7728
Ion Ratio Lower Upper
53 100
52 84.1 66.1 99.1
51 38.4 29.6 44.4

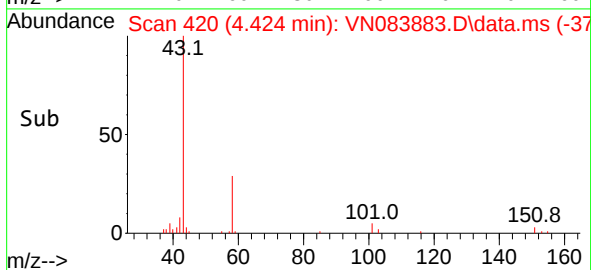
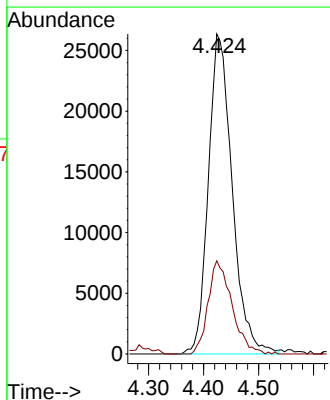
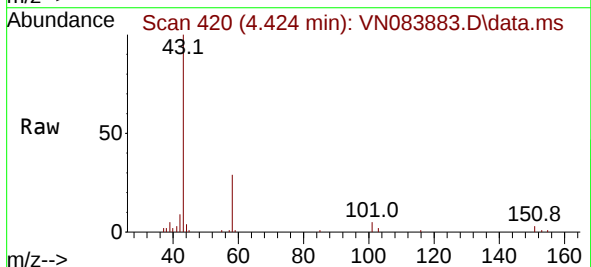
Manual Integrations
APPROVED

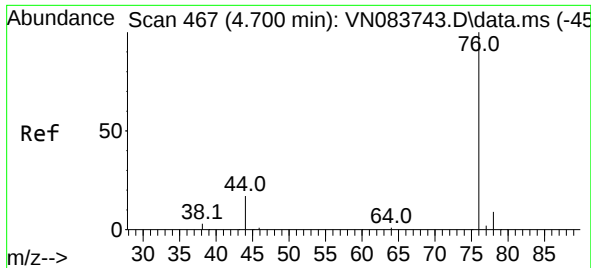
Reviewed By :John Carlone 09/16/2024
Supervised By :Mahesh Dadoda 09/16/2024



#16
Acetone
Concen: 87.267 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN083883.D
Acq: 14 Sep 2024 12:21

Tgt Ion: 43 Resp: 79449
Ion Ratio Lower Upper
43 100
58 29.1 23.7 35.5





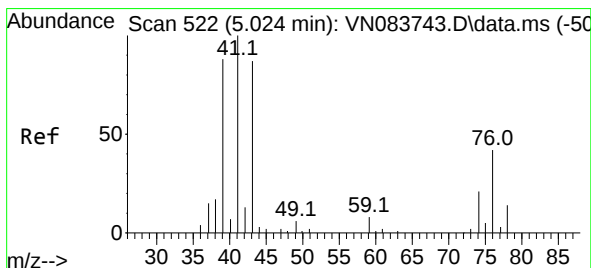
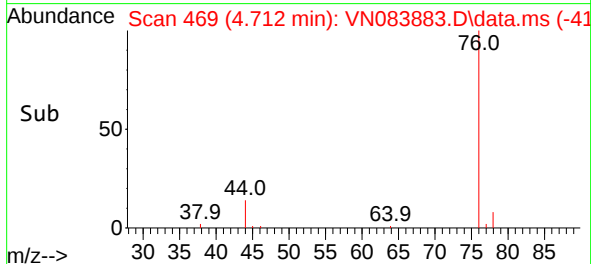
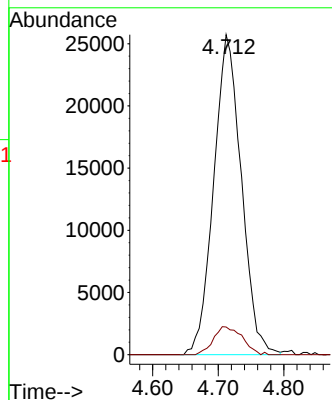
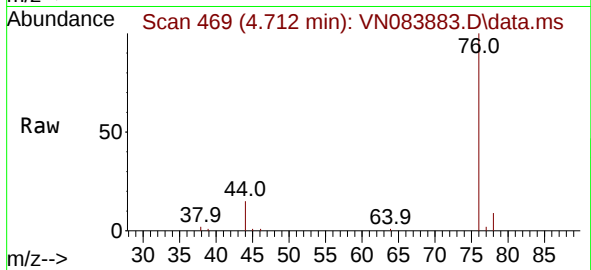
#17
Carbon Disulfide
Concen: 16.499 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.012 min
Lab File: VN083883.D
Acq: 14 Sep 2024 12:21

Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS01

Tgt Ion: 76 Resp: 7518
Ion Ratio Lower Upper
76 100
78 8.7 7.1 10.7

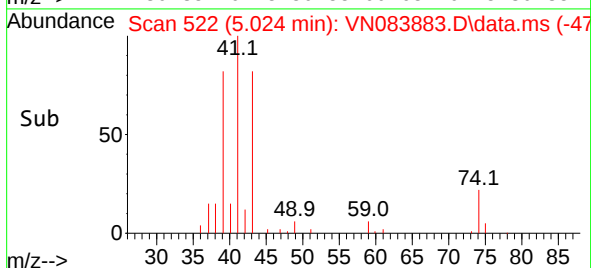
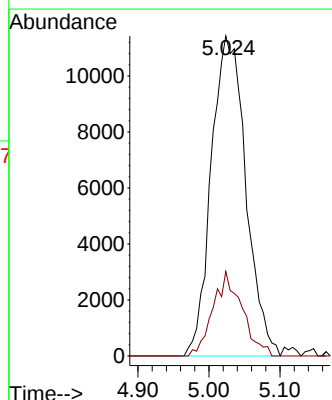
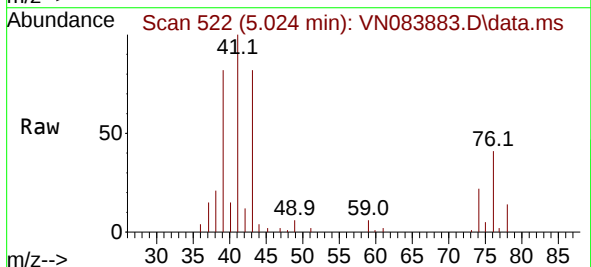
Manual Integrations
APPROVED

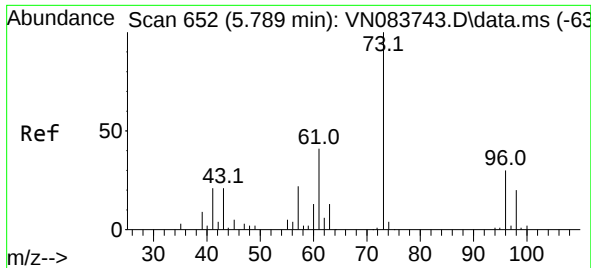
Reviewed By :John Carlone 09/16/2024
Supervised By :Mahesh Dadoda 09/16/2024



#18
Methyl Acetate
Concen: 19.194 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN083883.D
Acq: 14 Sep 2024 12:21

Tgt Ion: 43 Resp: 38578
Ion Ratio Lower Upper
43 100
74 22.2 19.0 28.4





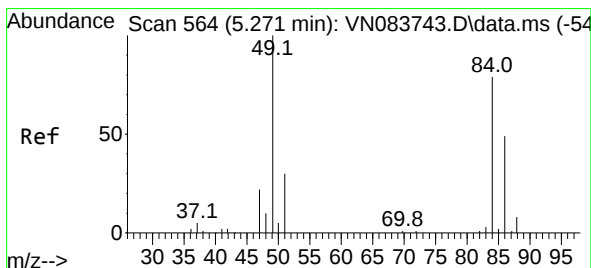
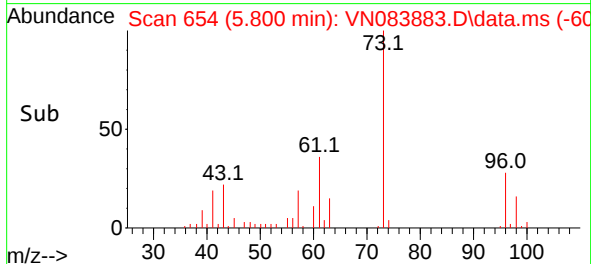
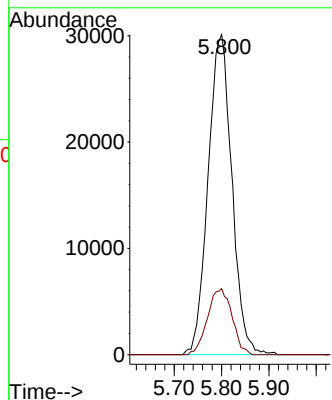
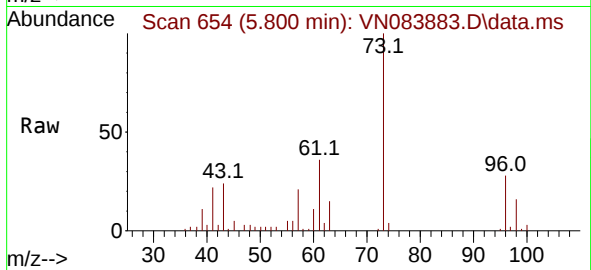
#19
Methyl tert-butyl Ether
Concen: 17.821 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN083883.D
Acq: 14 Sep 2024 12:21

Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS01

Tgt Ion: 73 Resp: 105054
Ion Ratio Lower Upper
73 100
57 20.6 17.0 25.6

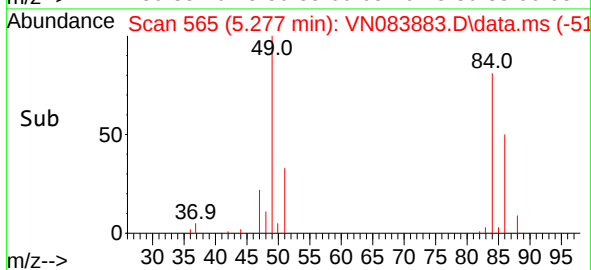
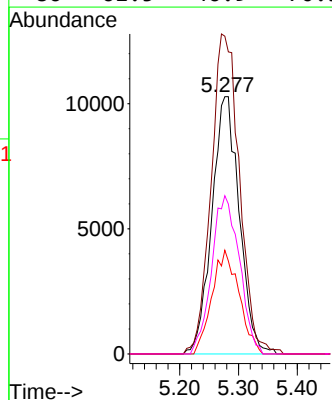
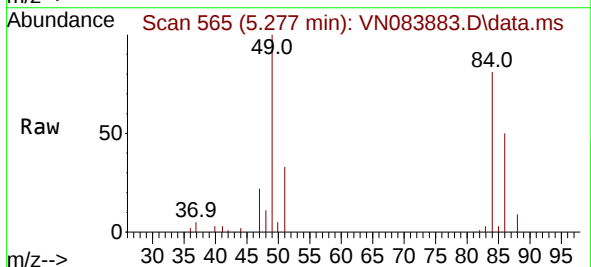
Manual Integrations
APPROVED

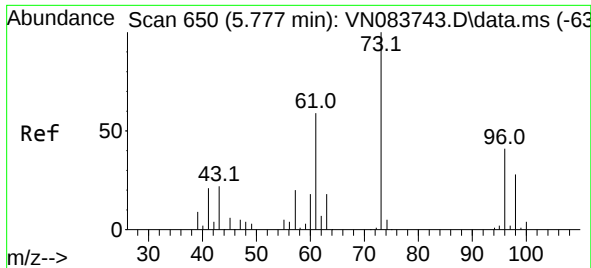
Reviewed By :John Carlone 09/16/2024
Supervised By :Mahesh Dadoda 09/16/2024



#20
Methylene Chloride
Concen: 17.843 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN083883.D
Acq: 14 Sep 2024 12:21

Tgt Ion: 84 Resp: 33243
Ion Ratio Lower Upper
84 100
49 123.5 93.4 140.0
51 40.3 29.2 43.8
86 61.5 46.9 70.3





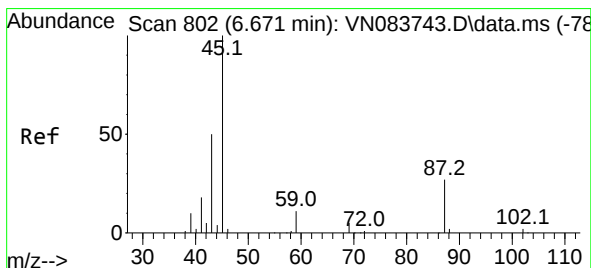
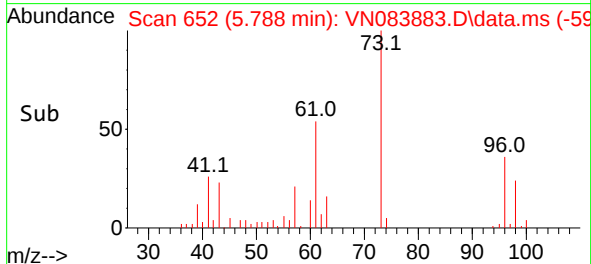
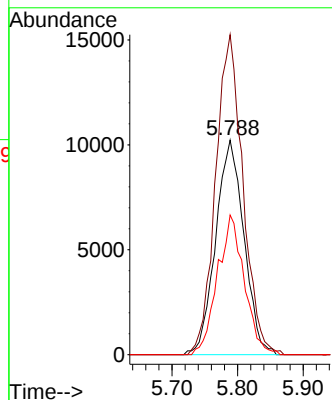
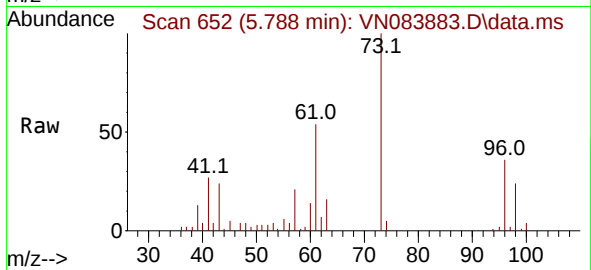
#21
trans-1,2-Dichloroethene
Concen: 17.532 ug/l
RT: 5.788 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN083883.D
Acq: 14 Sep 2024 12:21

Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS01

Tgt Ion: 96 Resp: 30608
Ion Ratio Lower Upper
96 100
61 149.2 106.0 159.0
98 65.1 52.2 78.2

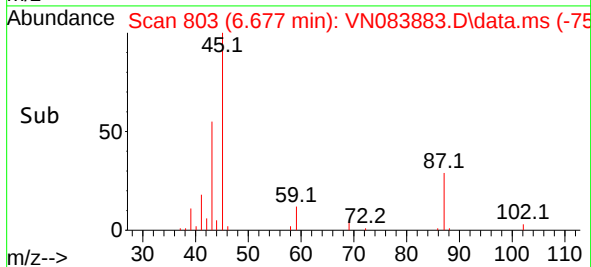
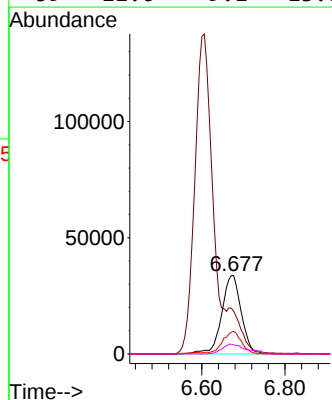
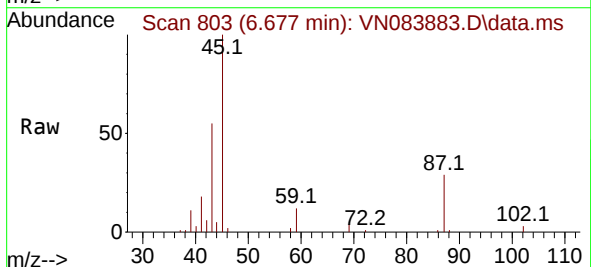
Manual Integrations
APPROVED

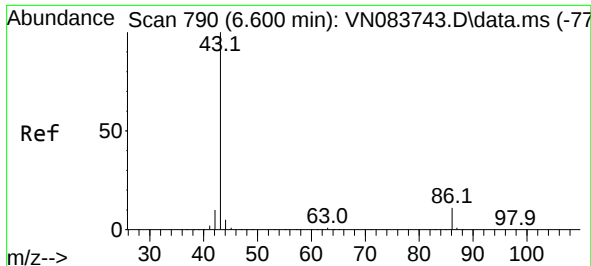
Reviewed By :John Carlone 09/16/2024
Supervised By :Mahesh Dadoda 09/16/2024



#22
Diisopropyl ether
Concen: 18.479 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.006 min
Lab File: VN083883.D
Acq: 14 Sep 2024 12:21

Tgt Ion: 45 Resp: 110419
Ion Ratio Lower Upper
45 100
43 53.6 43.4 65.0
87 28.9 22.6 33.8
59 11.6 9.1 13.7





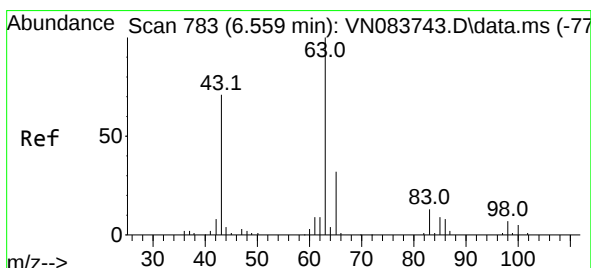
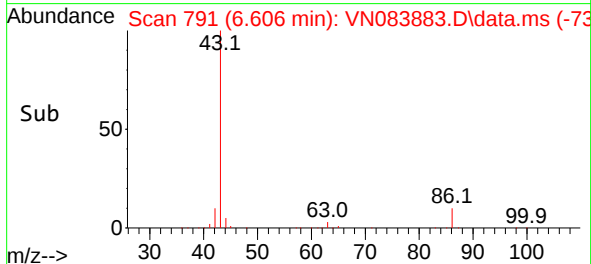
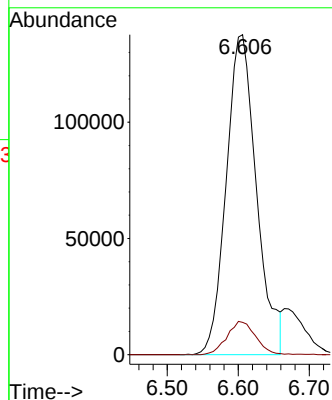
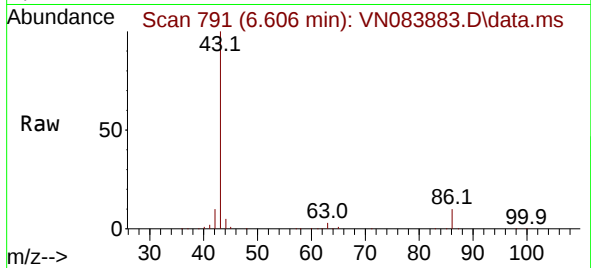
#23
 Vinyl Acetate
 Concen: 93.210 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN083883.D
 Acq: 14 Sep 2024 12:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914WBS01

Tgt Ion: 43 Resp: 40787
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.7 13.1

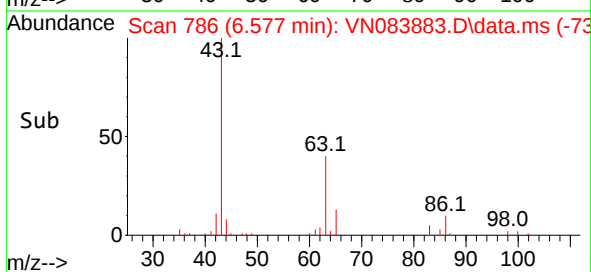
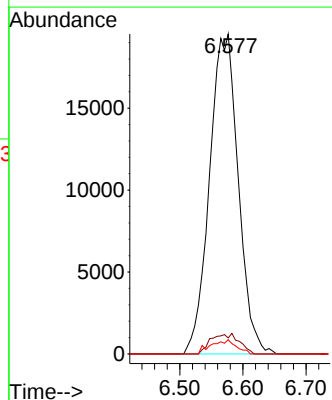
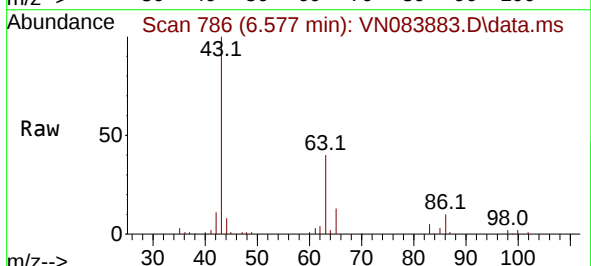
Manual Integrations
 APPROVED

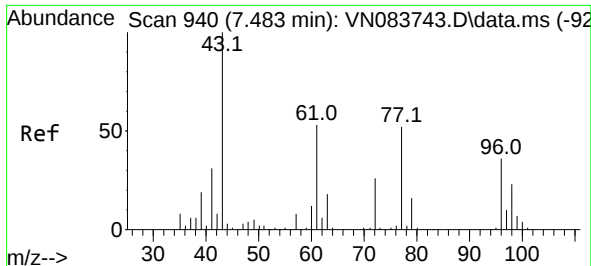
Reviewed By :John Carlone 09/16/2024
 Supervised By :Mahesh Dadoda 09/16/2024



#24
 1,1-Dichloroethane
 Concen: 17.941 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.018 min
 Lab File: VN083883.D
 Acq: 14 Sep 2024 12:21

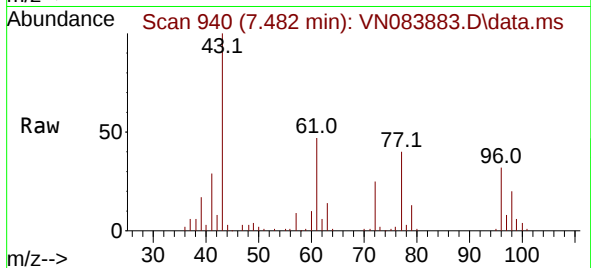
Tgt Ion: 63 Resp: 61763
 Ion Ratio Lower Upper
 63 100
 98 5.0 3.5 10.4
 100 4.5 2.5 7.5





#25
2-Butanone
Concen: 94.818 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN083883.D
Acq: 14 Sep 2024 12:21

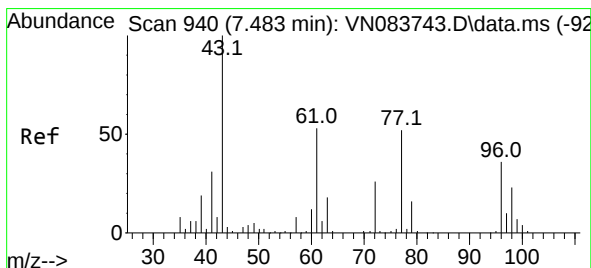
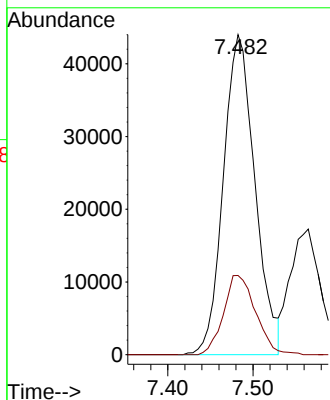
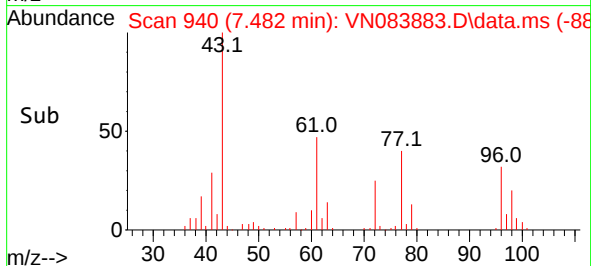
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS01



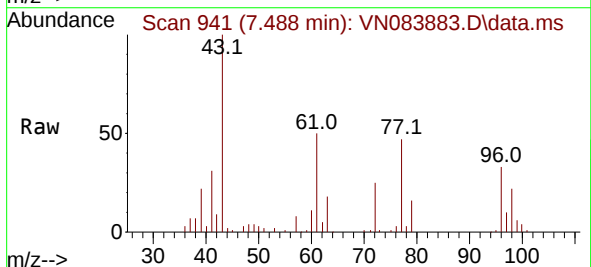
Tgt Ion: 43 Resp: 113459
Ion Ratio Lower Upper
43 100
72 24.7 20.8 31.2

Manual Integrations
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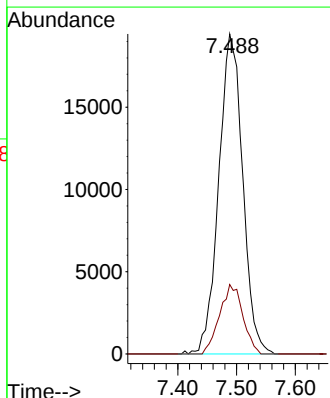
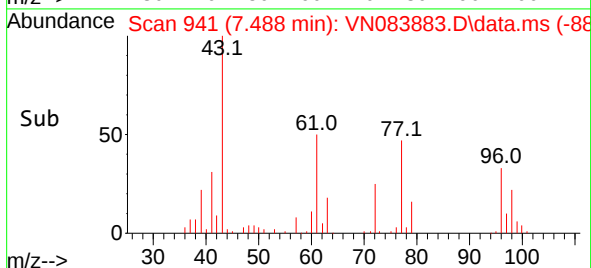
Reviewed By :John Carlone 09/16/2024
Supervised By :Mahesh Dadoda 09/16/2024

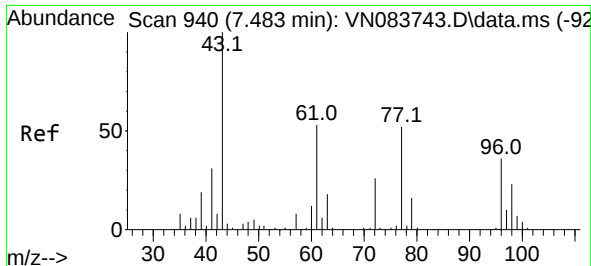


#26
2,2-Dichloropropane
Concen: 17.368 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN083883.D
Acq: 14 Sep 2024 12:21



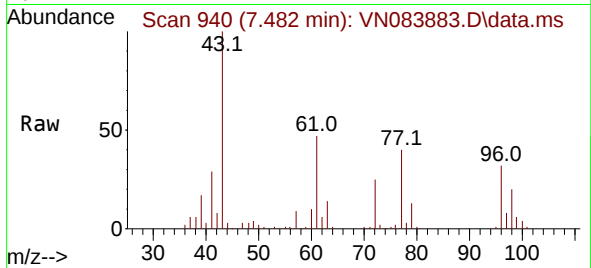
Tgt Ion: 77 Resp: 55064
Ion Ratio Lower Upper
77 100
97 21.0 10.2 30.4





#27
 cis-1,2-Dichloroethene
 Concen: 17.687 ug/l
 RT: 7.482 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN083883.D
 Acq: 14 Sep 2024 12:21

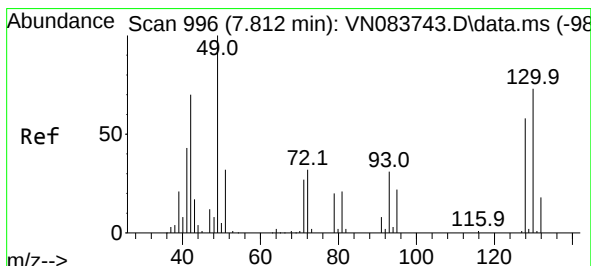
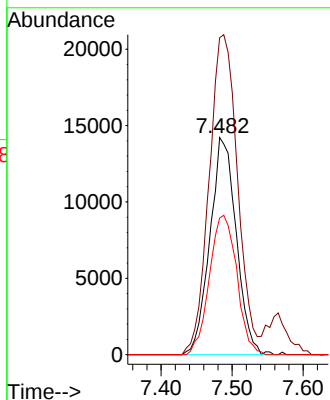
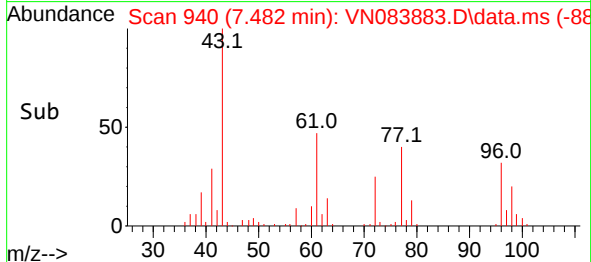
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914WBS01



Tgt Ion: 96 Resp: 3665
 Ion Ratio Lower Upper
 96 100
 61 158.4 0.0 306.2
 98 66.6 0.0 128.6

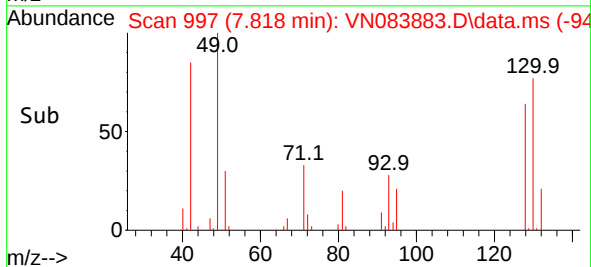
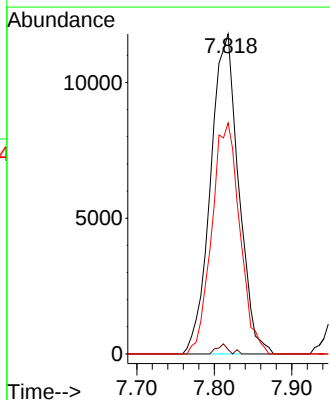
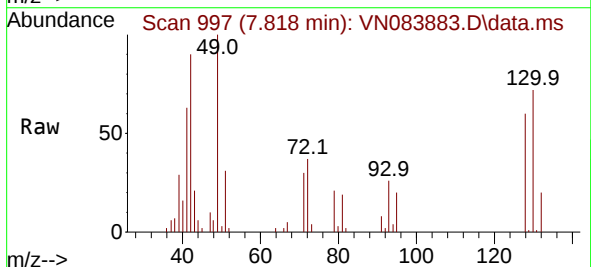
Manual Integrations
 APPROVED

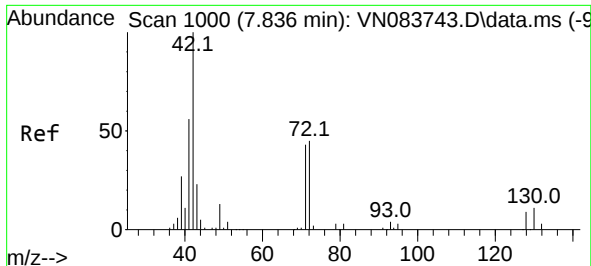
Reviewed By :John Carlone 09/16/2024
 Supervised By :Mahesh Dadoda 09/16/2024



#28
 Bromochloromethane
 Concen: 20.526 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN083883.D
 Acq: 14 Sep 2024 12:21

Tgt Ion: 49 Resp: 29757
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 3.4
 130 71.8 60.2 90.2





#29

Tetrahydrofuran

Concen: 99.801 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN083883.D

Acq: 14 Sep 2024 12:21

Instrument :

MSVOA_N

ClientSampleId :

VN0914WBS01

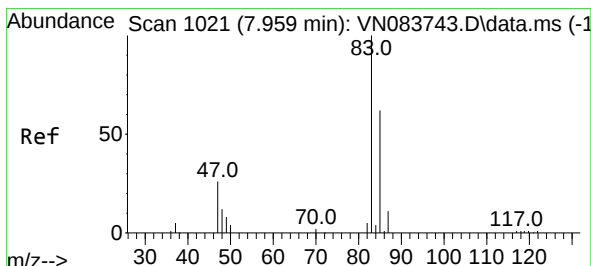
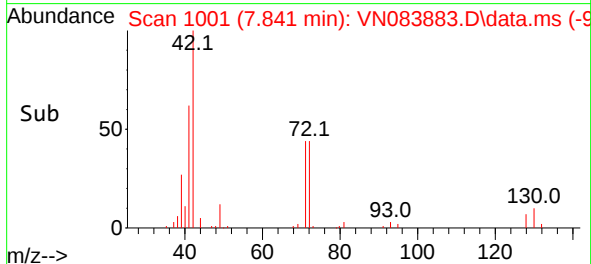
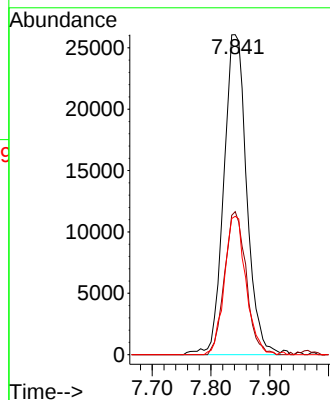
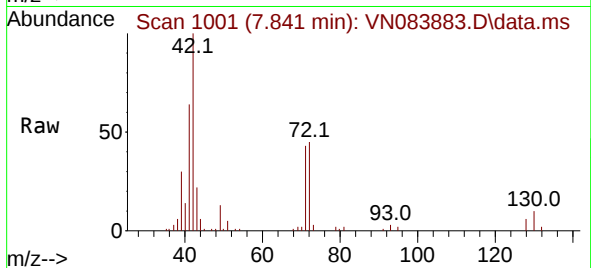
Tgt Ion: 42	Resp: 7061
Ion Ratio	Lower Upper
42 100	
72 42.0	35.9 53.9
71 40.7	33.9 50.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2024

Supervised By :Mahesh Dadoda 09/16/2024



#30

Chloroform

Concen: 18.010 ug/l

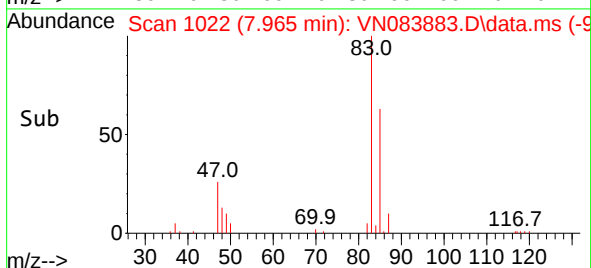
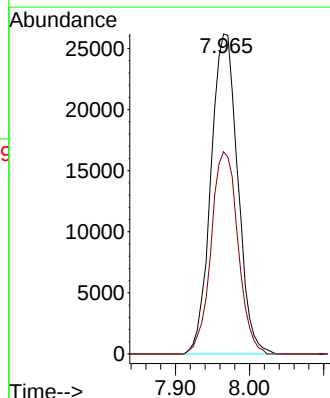
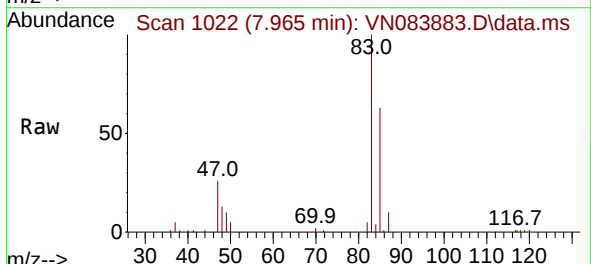
RT: 7.965 min Scan# 1022

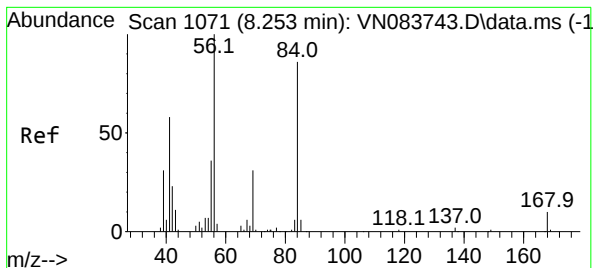
Delta R.T. 0.006 min

Lab File: VN083883.D

Acq: 14 Sep 2024 12:21

Tgt Ion: 83	Resp: 65821
Ion Ratio	Lower Upper
83 100	
85 63.2	52.8 79.2





#31

Cyclohexane

Concen: 16.810 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. -0.000 min

Lab File: VN083883.D

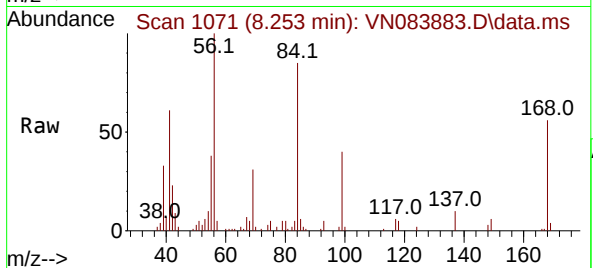
Acq: 14 Sep 2024 12:21

Instrument :

MSVOA_N

ClientSampleId :

VN0914WBS01



Tgt Ion: 56 Resp: 55170

Ion Ratio Lower Upper

56 100

69 30.7 26.9 40.3

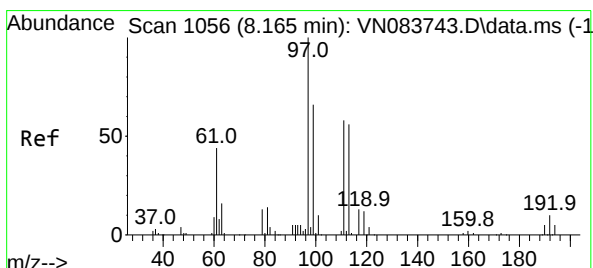
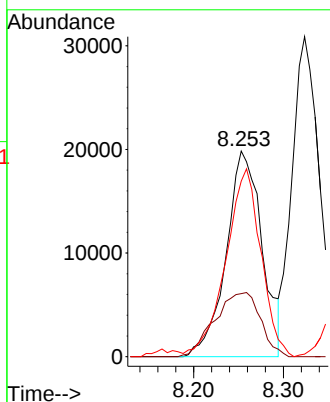
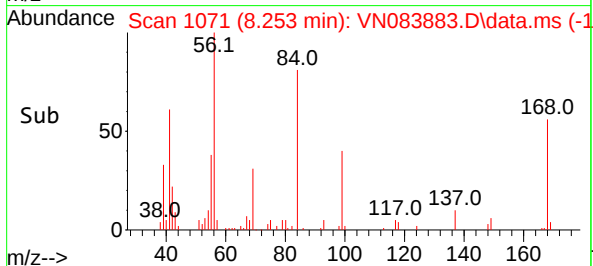
84 83.0 69.2 103.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2024

Supervised By :Mahesh Dadoda 09/16/2024



#32

1,1,1-Trichloroethane

Concen: 18.244 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083883.D

Acq: 14 Sep 2024 12:21

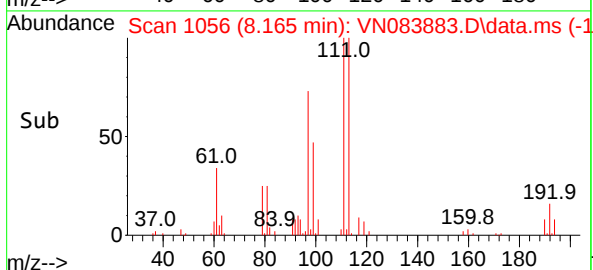
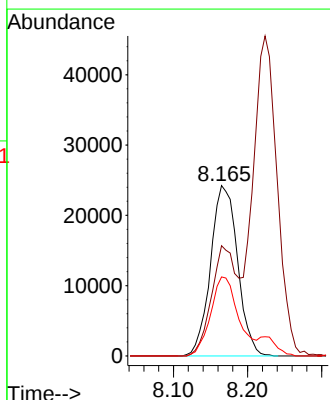
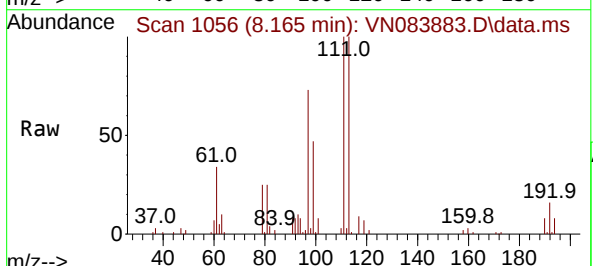
Tgt Ion: 97 Resp: 61312

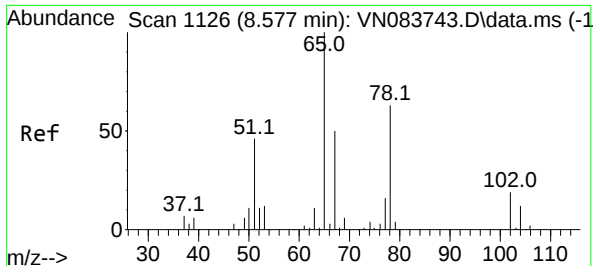
Ion Ratio Lower Upper

97 100

99 59.5 52.3 78.5

61 48.1 38.2 57.2





#33

1,2-Dichloroethane-d4

Concen: 48.203 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN083883.D

Acq: 14 Sep 2024 12:21

Instrument :

MSVOA_N

ClientSampleId :

VN0914WBS01

Tgt Ion: 65 Resp: 109472

Ion Ratio Lower Upper

65 100

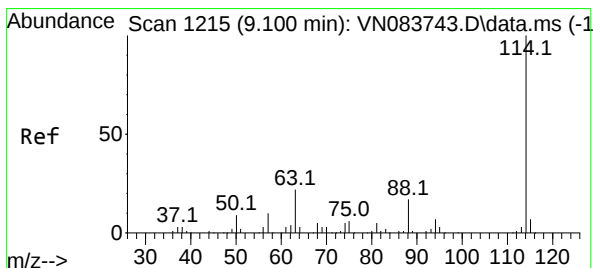
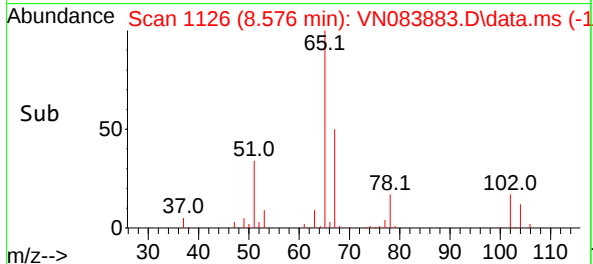
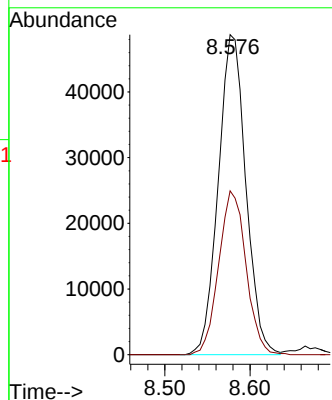
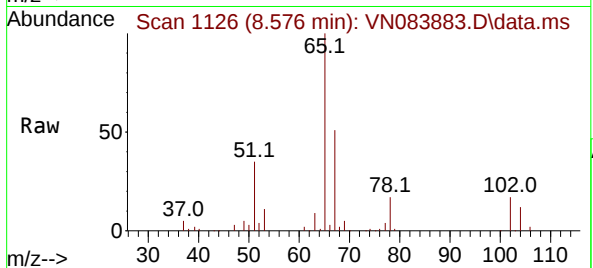
67 50.7 0.0 100.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2024

Supervised By :Mahesh Dadoda 09/16/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN083883.D

Acq: 14 Sep 2024 12:21

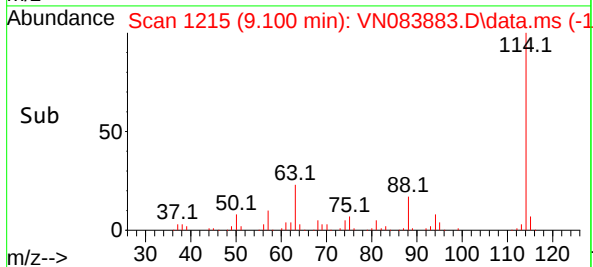
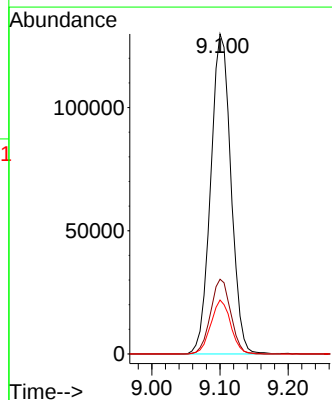
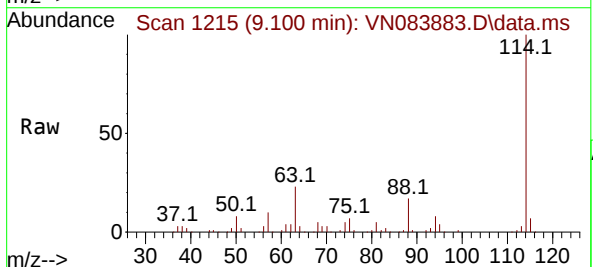
Tgt Ion:114 Resp: 268043

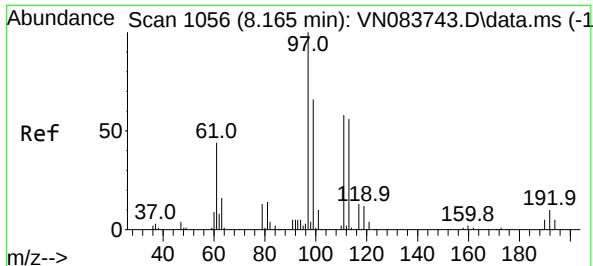
Ion Ratio Lower Upper

114 100

63 23.3 0.0 43.4

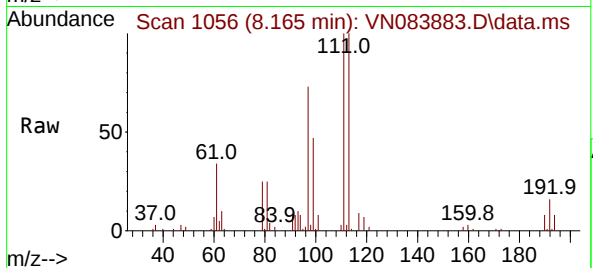
88 16.9 0.0 32.6





#35
Dibromofluoromethane
Concen: 46.661 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083883.D
Acq: 14 Sep 2024 12:21

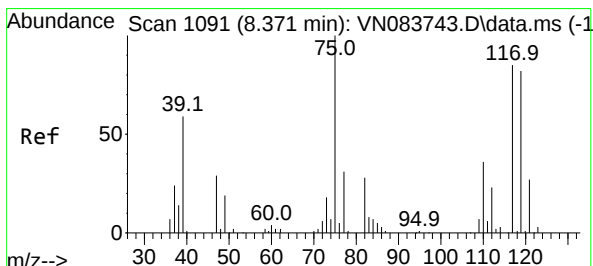
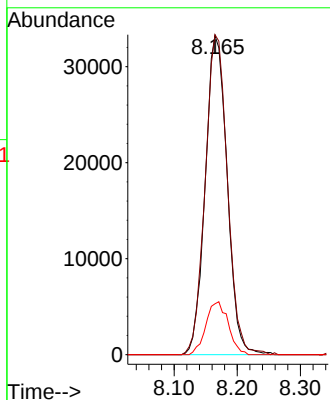
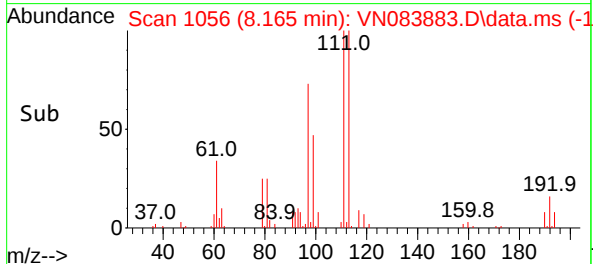
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS01



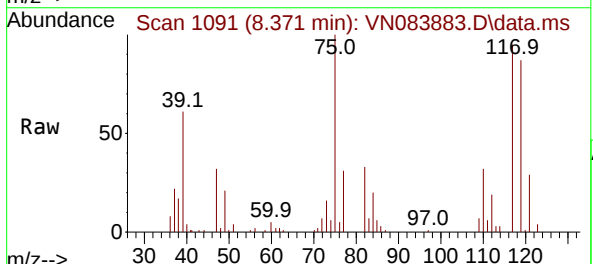
Tgt Ion: 113 Resp: 80069
Ion Ratio Lower Upper
113 100
111 101.8 82.6 124.0
192 16.9 14.3 21.5

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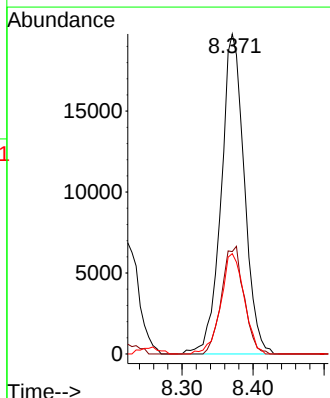
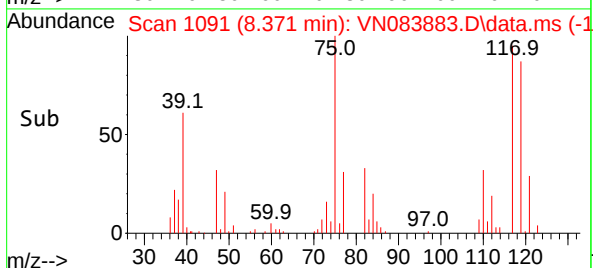
Reviewed By :John Carlone 09/16/2024
Supervised By :Mahesh Dadoda 09/16/2024

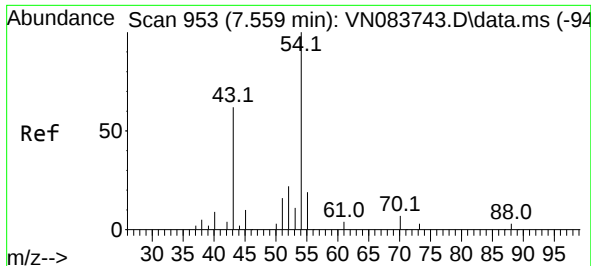


#36
1,1-Dichloropropene
Concen: 17.298 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN083883.D
Acq: 14 Sep 2024 12:21



Tgt Ion: 75 Resp: 44678
Ion Ratio Lower Upper
75 100
110 32.4 16.7 50.1
77 31.7 25.2 37.8





#37

Ethyl Acetate

Concen: 19.161 ug/l

RT: 7.565 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN083883.D

Acq: 14 Sep 2024 12:21

Instrument :

MSVOA_N

ClientSampleId :

VN0914WBS01

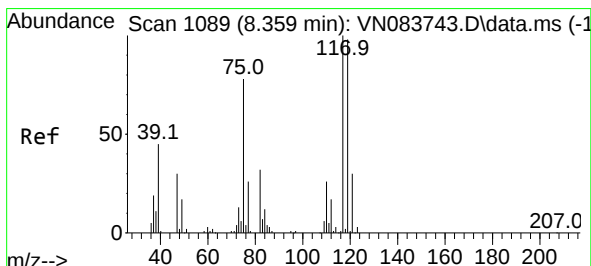
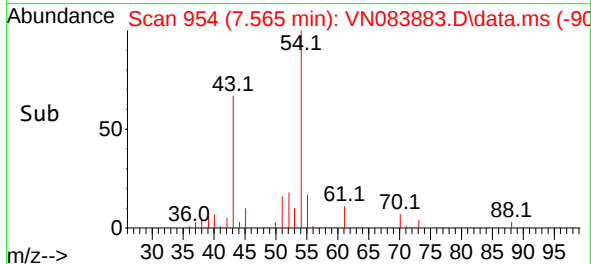
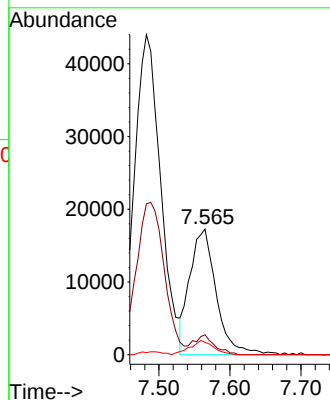
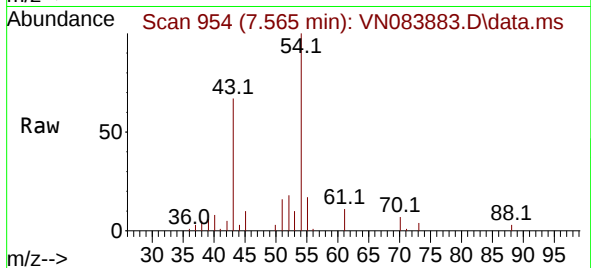
Tgt Ion: 43	Resp: 4492
Ion Ratio	Lower Upper
43 100	
61 12.8	11.1 16.7
70 9.9	8.8 13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2024

Supervised By :Mahesh Dadoda 09/16/2024



#38

Carbon Tetrachloride

Concen: 17.654 ug/l

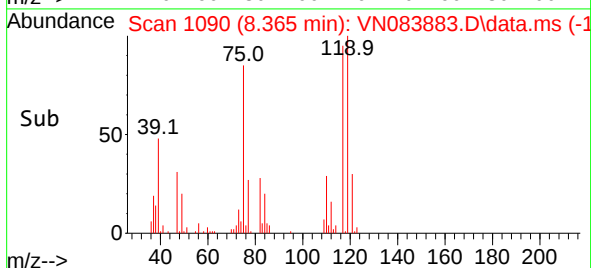
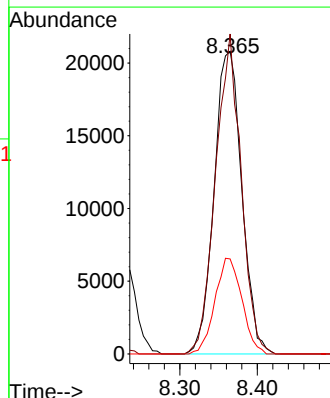
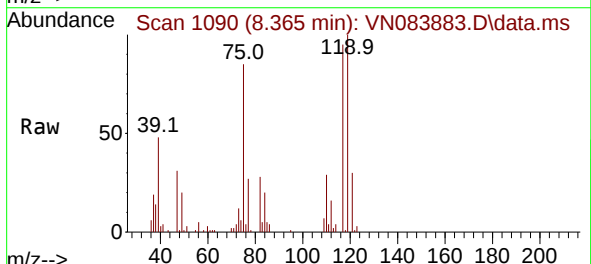
RT: 8.365 min Scan# 1090

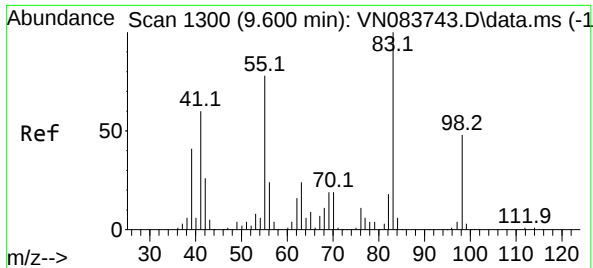
Delta R.T. 0.006 min

Lab File: VN083883.D

Acq: 14 Sep 2024 12:21

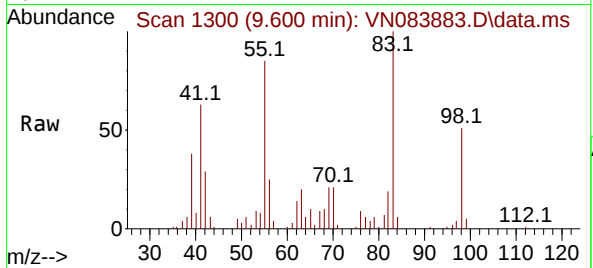
Tgt Ion:117	Resp: 51728
Ion Ratio	Lower Upper
117 100	
119 105.7	76.1 114.1
121 31.4	24.1 36.1





#39
Methylcyclohexane
Concen: 16.169 ug/l
RT: 9.600 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN083883.D
Acq: 14 Sep 2024 12:21

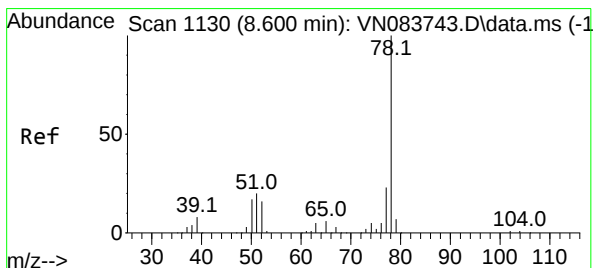
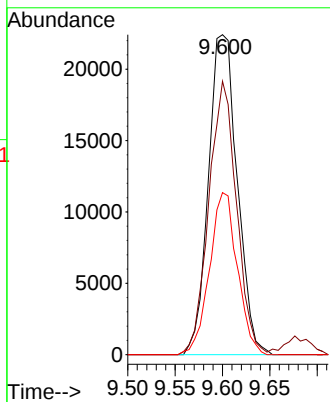
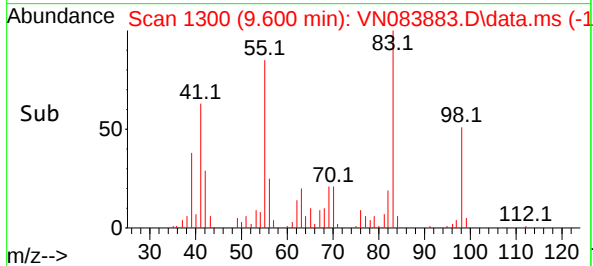
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS01



Tgt Ion: 83 Resp: 47534
Ion Ratio Lower Upper
83 100
55 85.5 62.2 93.4
98 50.7 37.6 56.4

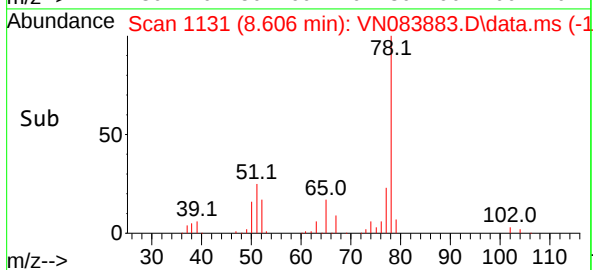
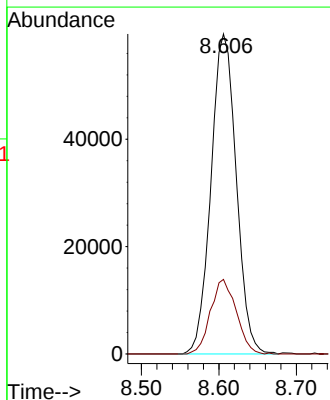
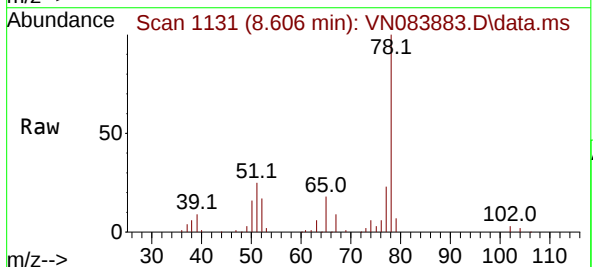
Manual Integrations
APPROVED

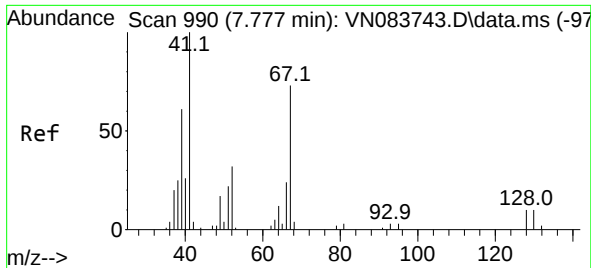
Reviewed By :John Carlone 09/16/2024
Supervised By :Mahesh Dadoda 09/16/2024



#40
Benzene
Concen: 17.403 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VN083883.D
Acq: 14 Sep 2024 12:21

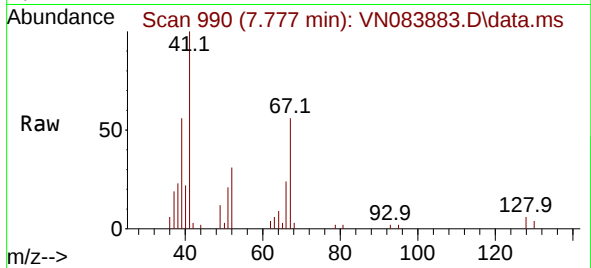
Tgt Ion: 78 Resp: 135287
Ion Ratio Lower Upper
78 100
77 23.3 19.0 28.6





#41
Methacrylonitrile
Concen: 17.941 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN083883.D
Acq: 14 Sep 2024 12:21

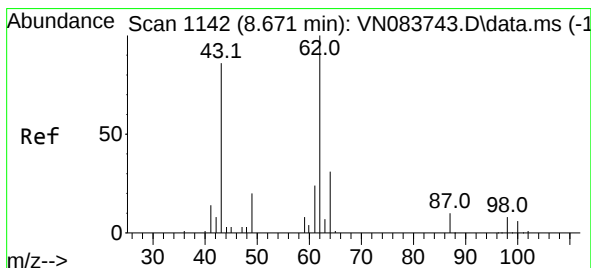
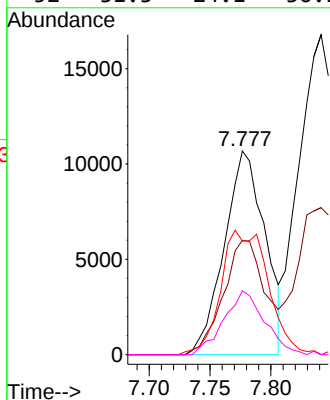
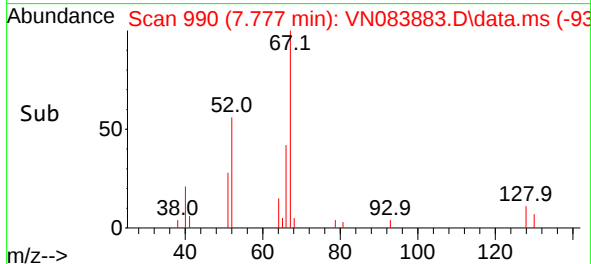
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS01



Tgt Ion:	41	Resp:	2487
Ion Ratio	100	Lower	Upper
39	57.8	45.4	68.2
67	71.0	55.9	83.9
52	31.3	24.1	36.1

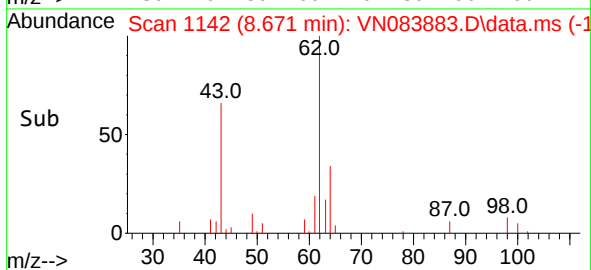
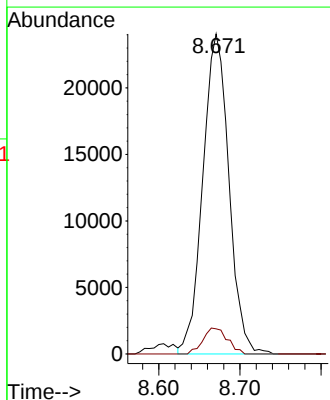
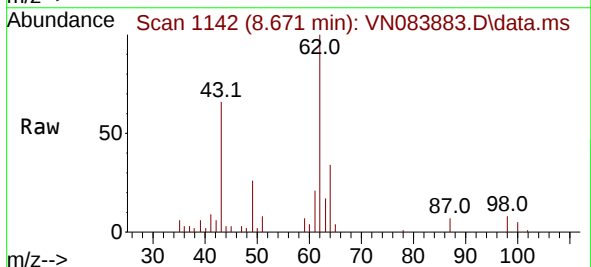
Manual Integrations
APPROVED

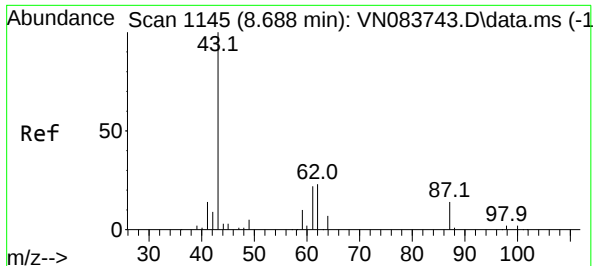
Reviewed By :John Carlone 09/16/2024
Supervised By :Mahesh Dadoda 09/16/2024



#42
1,2-Dichloroethane
Concen: 18.481 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN083883.D
Acq: 14 Sep 2024 12:21

Tgt Ion:	62	Resp:	53684
Ion Ratio	100	Lower	Upper
98	7.6	0.0	16.6





#43

Isopropyl Acetate

Concen: 18.554 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VN083883.D

Acq: 14 Sep 2024 12:21

Instrument :

MSVOA_N

ClientSampleId :

VN0914WBS01

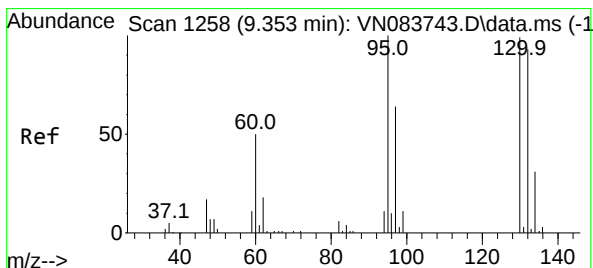
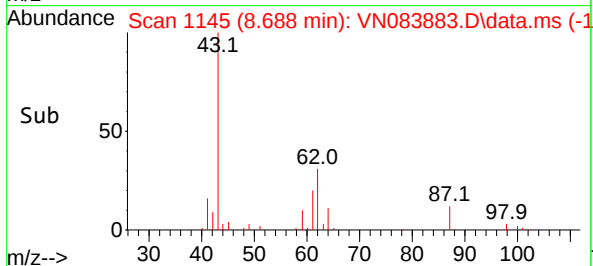
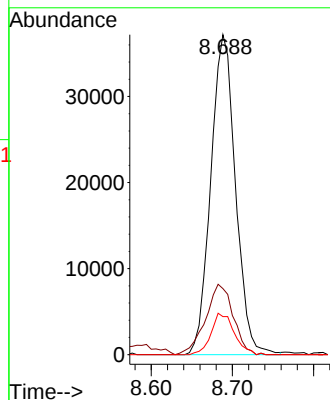
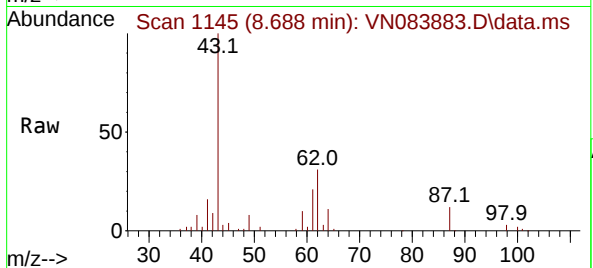
Tgt Ion: 43	Resp: 78824
Ion Ratio	Lower Upper
43 100	
61 24.5	19.4 29.0
87 12.2	9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2024

Supervised By :Mahesh Dadoda 09/16/2024



#44

Trichloroethene

Concen: 17.688 ug/l

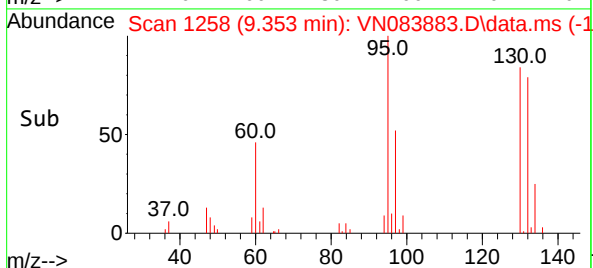
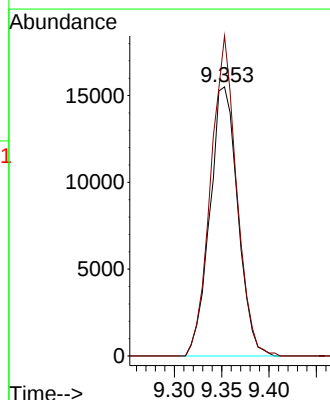
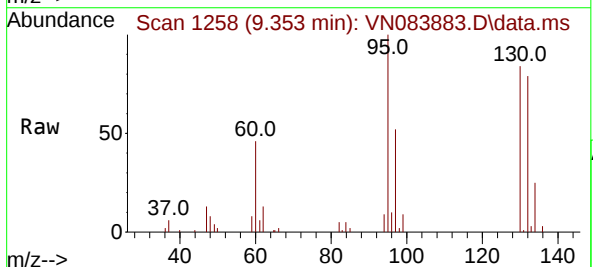
RT: 9.353 min Scan# 1258

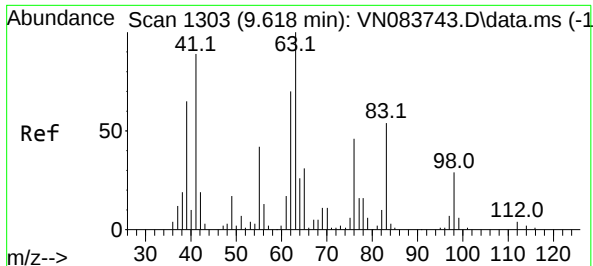
Delta R.T. -0.000 min

Lab File: VN083883.D

Acq: 14 Sep 2024 12:21

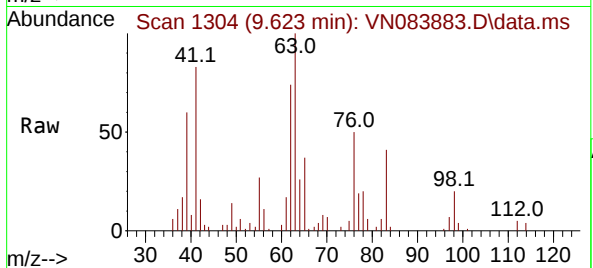
Tgt Ion:130	Resp: 31843
Ion Ratio	Lower Upper
130 100	
95 118.9	0.0 200.4





#45
1,2-Dichloropropane
Concen: 17.615 ug/l
RT: 9.623 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN083883.D
Acq: 14 Sep 2024 12:21

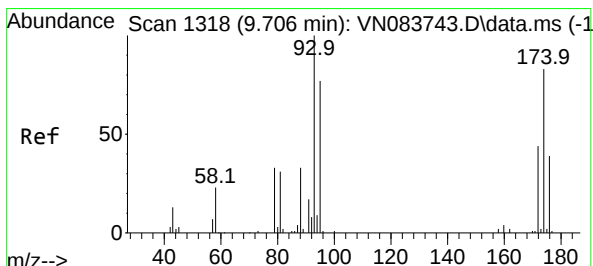
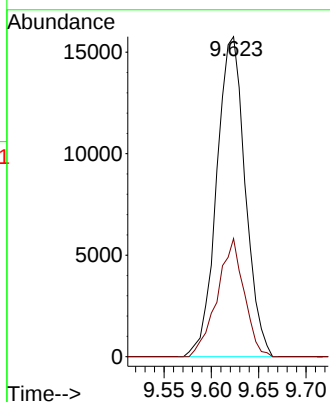
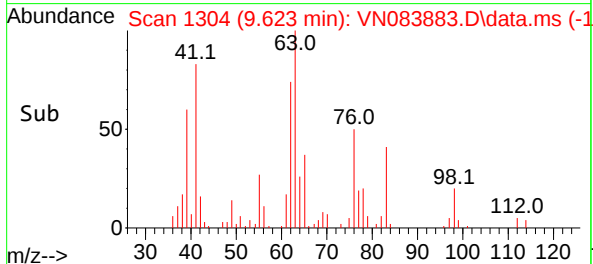
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS01



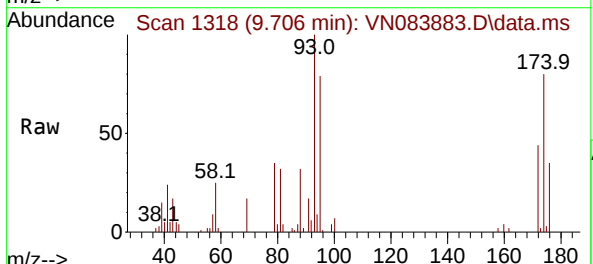
Tgt Ion: 63 Resp: 3309
Ion Ratio Lower Upper
63 100
65 36.9 25.9 38.9

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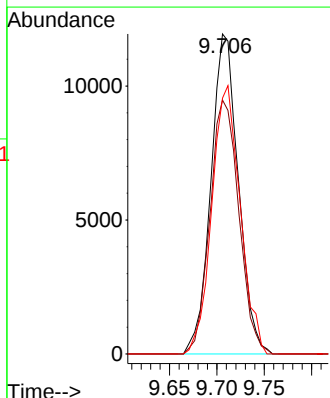
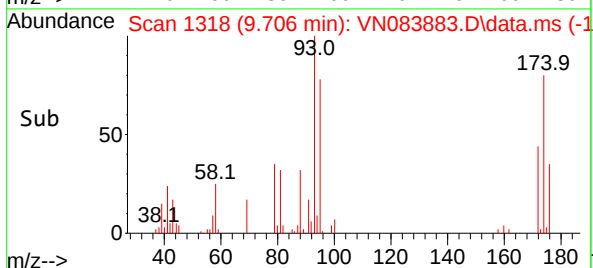
Reviewed By :John Carlone 09/16/2024
Supervised By :Mahesh Dadoda 09/16/2024

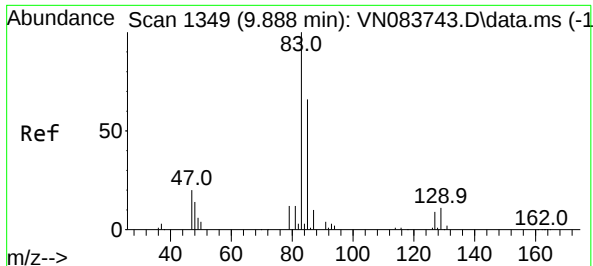


#46
Dibromomethane
Concen: 18.306 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VN083883.D
Acq: 14 Sep 2024 12:21



Tgt Ion: 93 Resp: 24091
Ion Ratio Lower Upper
93 100
95 83.6 65.3 97.9
174 86.5 71.0 106.4





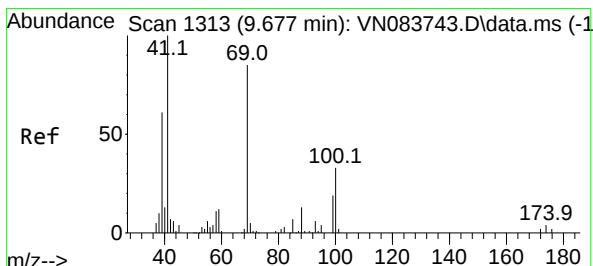
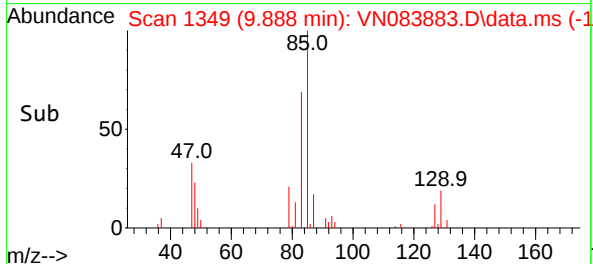
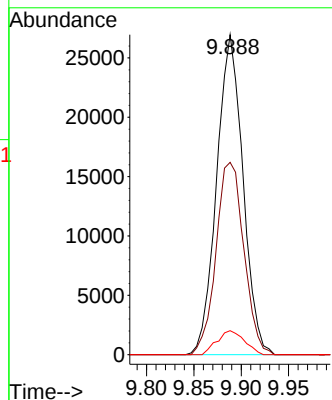
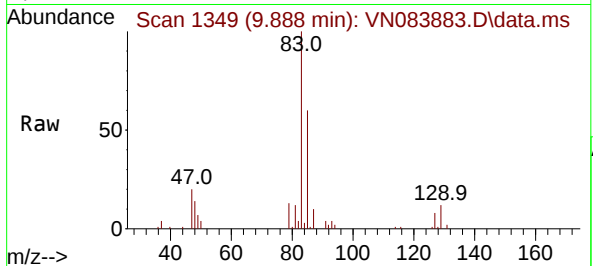
#47
Bromodichloromethane
Concen: 18.263 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN083883.D
Acq: 14 Sep 2024 12:21

Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS01

Tgt Ion: 83 Resp: 5201
Ion Ratio Lower Upper
83 100
85 60.1 51.8 77.8
127 7.5 6.6 9.8

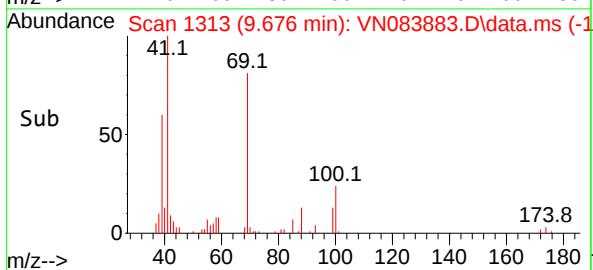
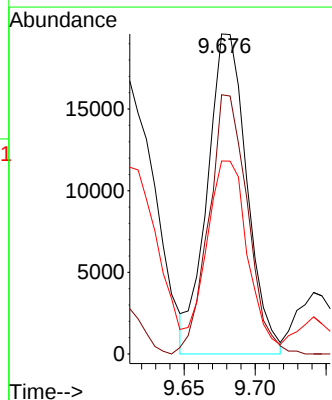
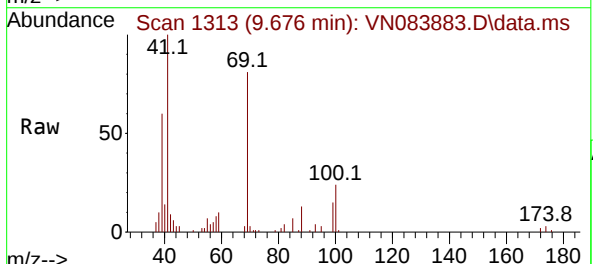
Manual Integrations
APPROVED

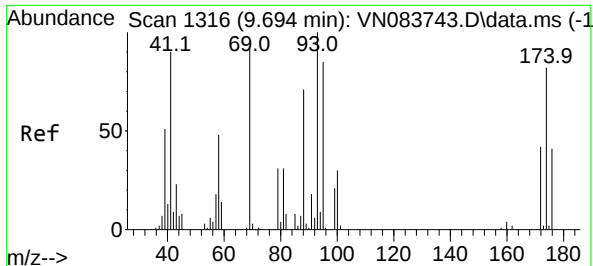
Reviewed By :John Carlone 09/16/2024
Supervised By :Mahesh Dadoda 09/16/2024



#48
Methyl methacrylate
Concen: 18.811 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN083883.D
Acq: 14 Sep 2024 12:21

Tgt Ion: 41 Resp: 37915
Ion Ratio Lower Upper
41 100
69 79.1 64.3 96.5
39 63.4 48.9 73.3





#49

1,4-Dioxane

Concen: 393.481 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. -0.000 min

Lab File: VN083883.D

Acq: 14 Sep 2024 12:21

Instrument :

MSVOA_N

ClientSampleId :

VN0914WBS01

Tgt Ion: 88 Resp: 1304

Ion Ratio Lower Upper

88 100

43 28.8 0.0 0.0

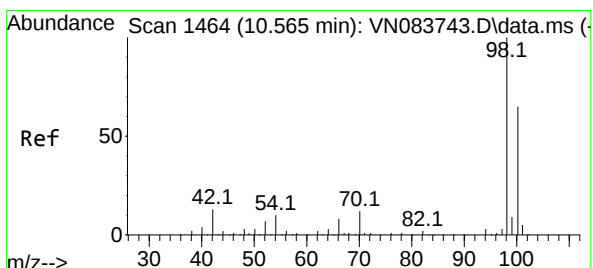
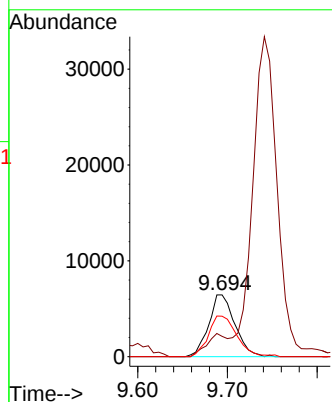
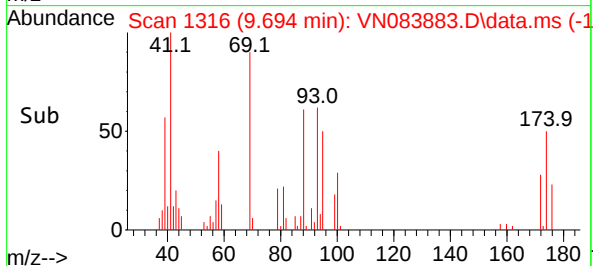
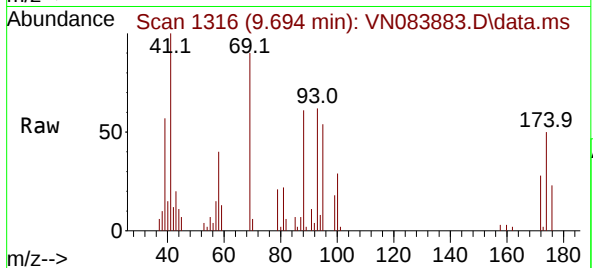
58 71.6 57.1 85.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2024

Supervised By :Mahesh Dadoda 09/16/2024



#50

Toluene-d8

Concen: 48.312 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN083883.D

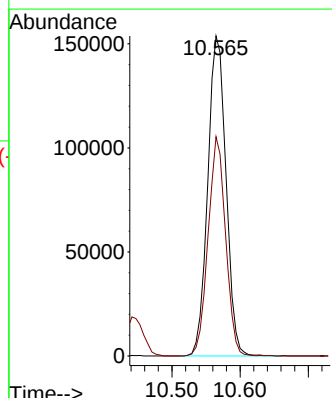
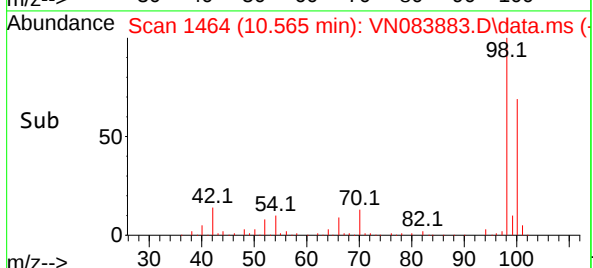
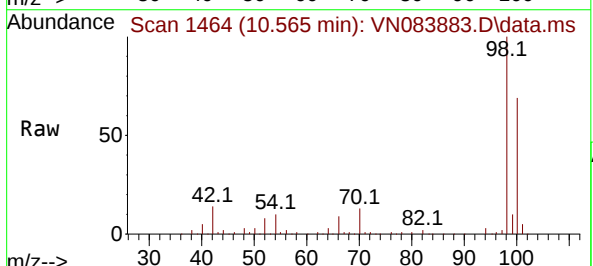
Acq: 14 Sep 2024 12:21

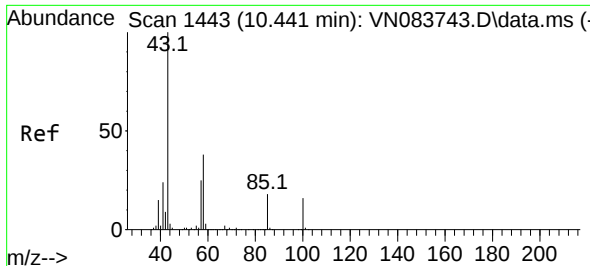
Tgt Ion: 98 Resp: 286597

Ion Ratio Lower Upper

98 100

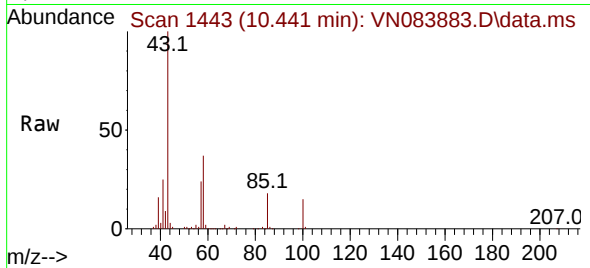
100 65.7 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 99.183 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN083883.D
Acq: 14 Sep 2024 12:21

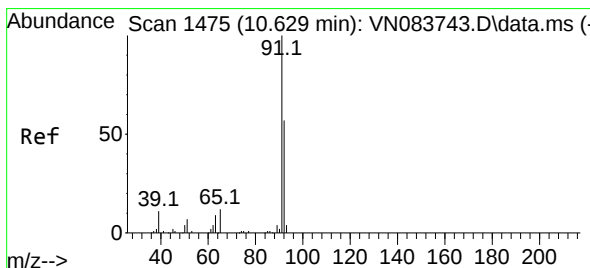
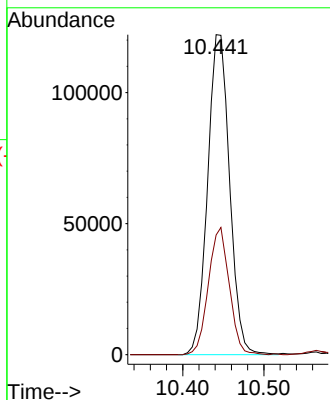
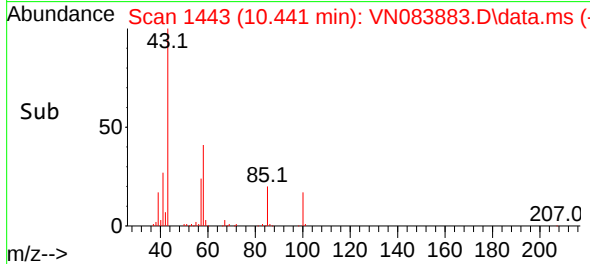
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS01



Tgt Ion: 43 Resp: 229372
Ion Ratio Lower Upper
43 100
58 37.8 31.6 47.4

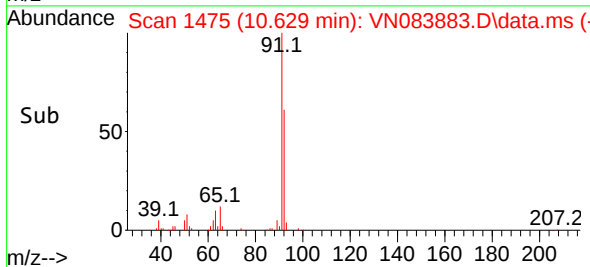
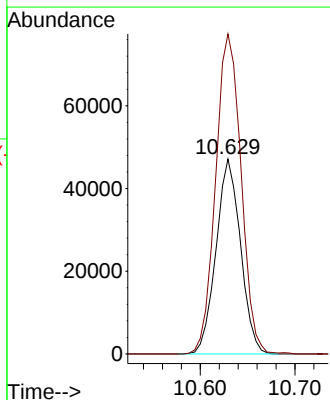
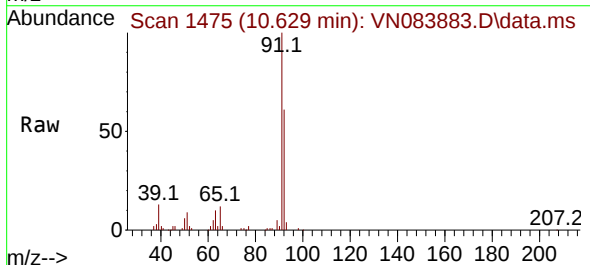
Manual Integrations
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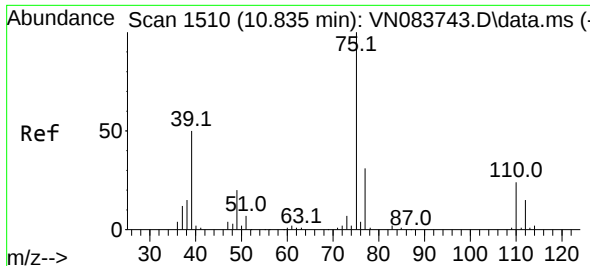
Reviewed By :John Carlone 09/16/2024
Supervised By :Mahesh Dadoda 09/16/2024



#52
Toluene
Concen: 17.790 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN083883.D
Acq: 14 Sep 2024 12:21

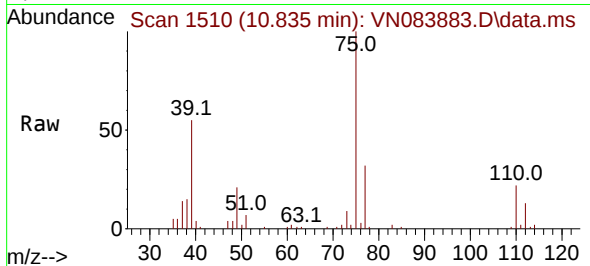
Tgt Ion: 92 Resp: 84594
Ion Ratio Lower Upper
92 100
91 170.9 134.7 202.1





#53
t-1,3-Dichloropropene
Concen: 17.763 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN083883.D
Acq: 14 Sep 2024 12:21

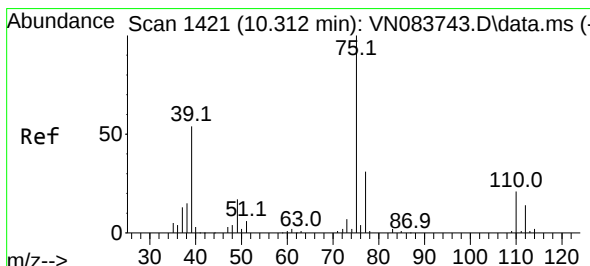
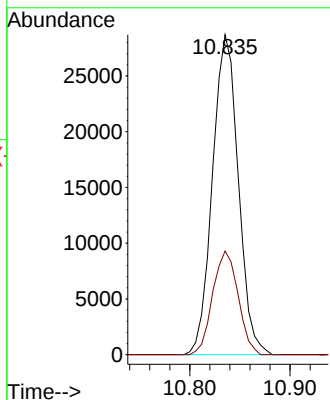
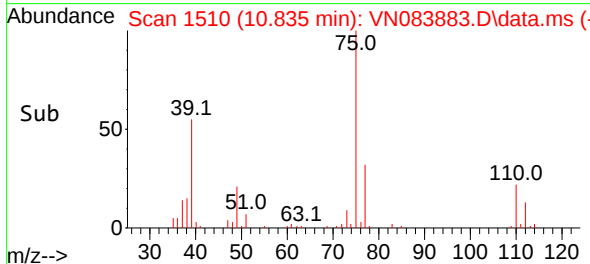
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS01



Tgt Ion: 75 Resp: 5128
Ion Ratio Lower Upper
75 100
77 32.4 25.8 38.6

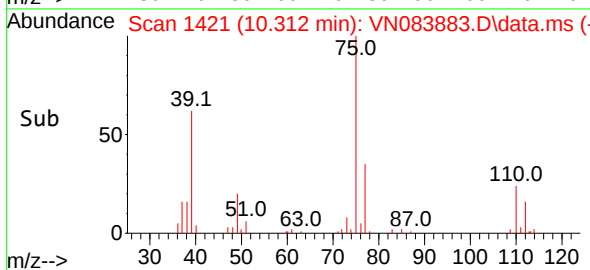
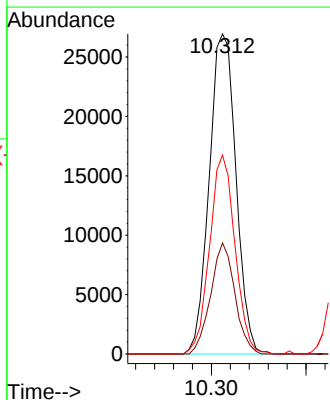
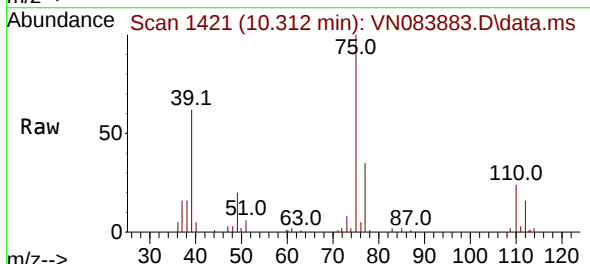
Manual Integrations
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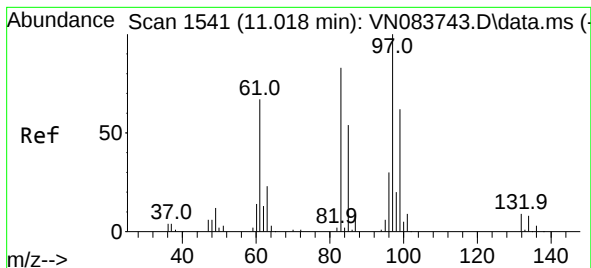
Reviewed By :John Carlone 09/16/2024
Supervised By :Mahesh Dadoda 09/16/2024



#54
cis-1,3-Dichloropropene
Concen: 17.428 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN083883.D
Acq: 14 Sep 2024 12:21

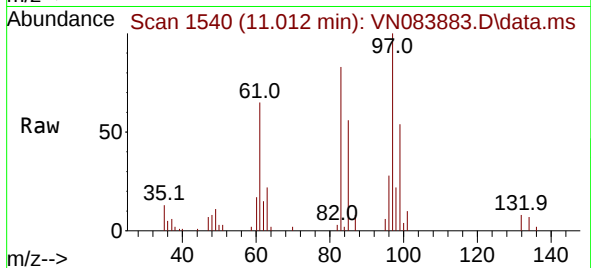
Tgt Ion: 75 Resp: 52852
Ion Ratio Lower Upper
75 100
77 34.7 25.0 37.6
39 62.1 42.6 64.0





#55
1,1,2-Trichloroethane
Concen: 18.335 ug/l
RT: 11.012 min Scan# 1541
Delta R.T. -0.006 min
Lab File: VN083883.D
Acq: 14 Sep 2024 12:21

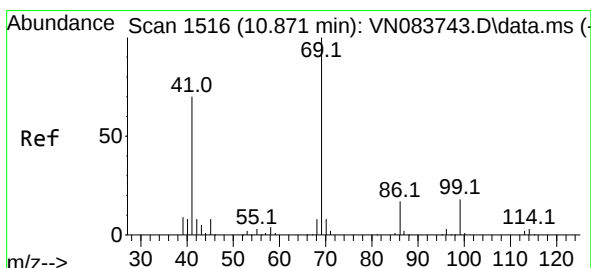
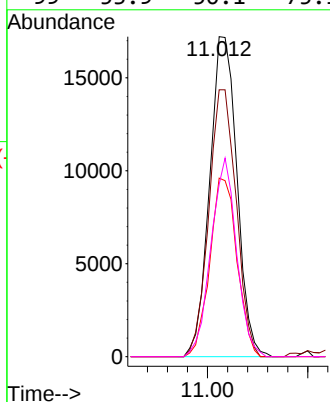
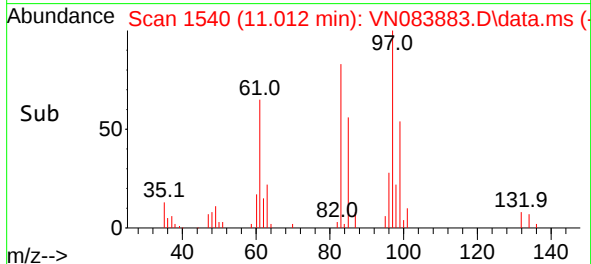
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS01



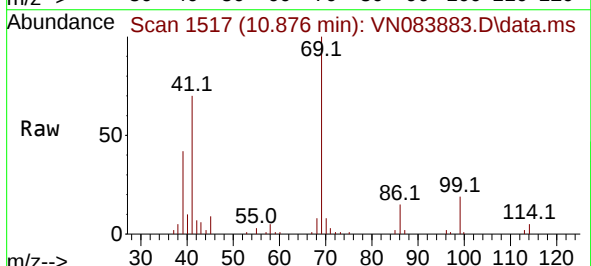
Tgt Ion: 97 Resp: 32548
Ion Ratio Lower Upper
97 100
83 83.4 67.5 101.3
85 55.8 44.2 66.2
99 53.9 50.1 75.1

Manual Integrations
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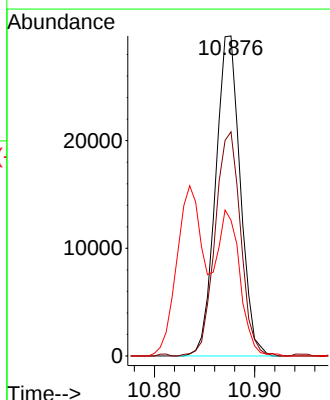
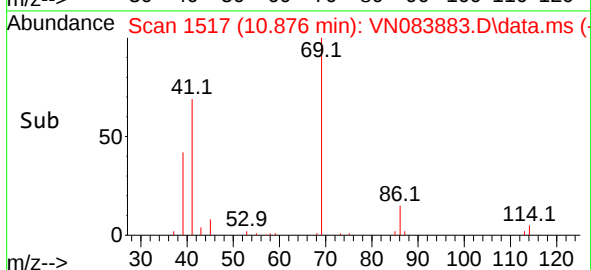
Reviewed By :John Carlone 09/16/2024
Supervised By :Mahesh Dadoda 09/16/2024

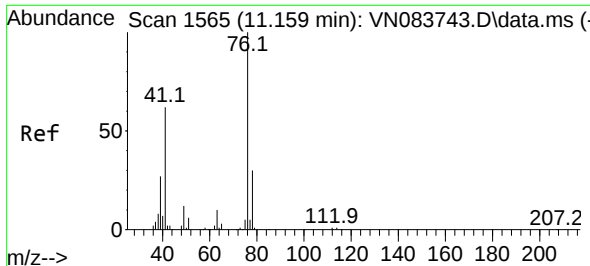


#56
Ethyl methacrylate
Concen: 18.604 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VN083883.D
Acq: 14 Sep 2024 12:21



Tgt Ion: 69 Resp: 50811
Ion Ratio Lower Upper
69 100
41 72.5 53.9 80.9
39 44.3 32.6 48.8





#57

1,3-Dichloropropane

Concen: 18.512 ug/l

RT: 11.165 min Scan# 1565

Delta R.T. 0.006 min

Lab File: VN083883.D

Acq: 14 Sep 2024 12:21

Instrument :

MSVOA_N

ClientSampleId :

VN0914WBS01

Tgt Ion: 76 Resp: 5648

Ion Ratio Lower Upper

76 100

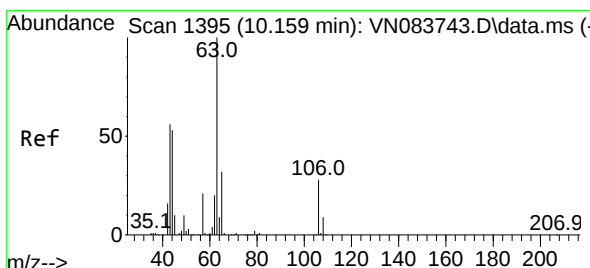
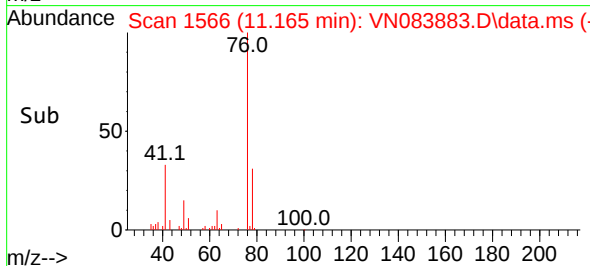
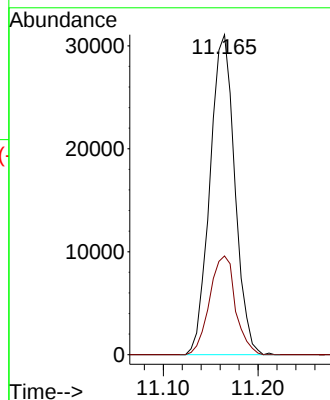
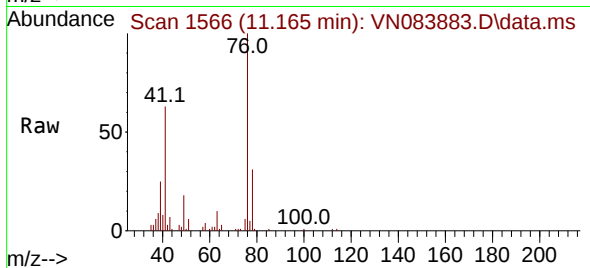
78 32.1 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2024

Supervised By :Mahesh Dadoda 09/16/2024



#58

2-Chloroethyl Vinyl ether

Concen: 109.441 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN083883.D

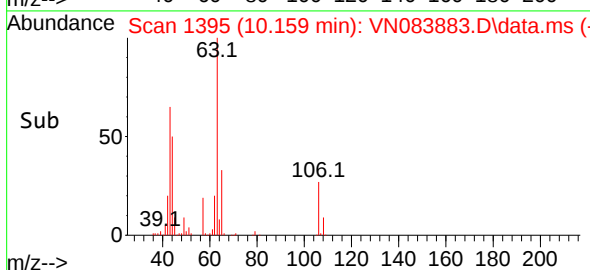
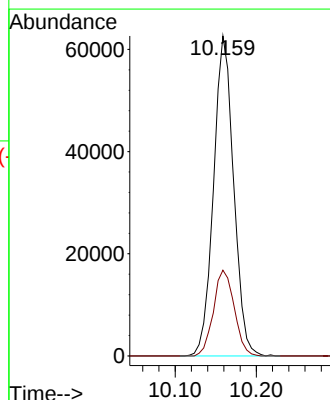
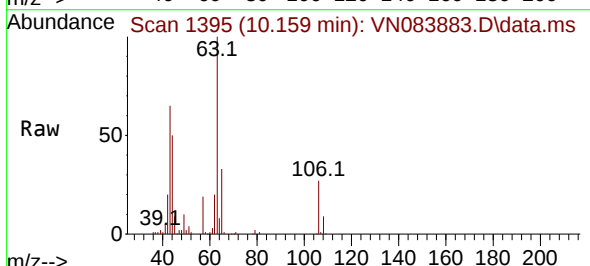
Acq: 14 Sep 2024 12:21

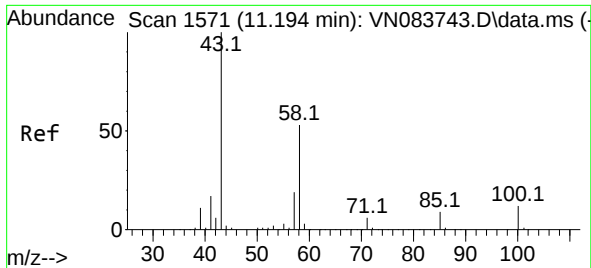
Tgt Ion: 63 Resp: 107703

Ion Ratio Lower Upper

63 100

106 27.7 23.3 34.9





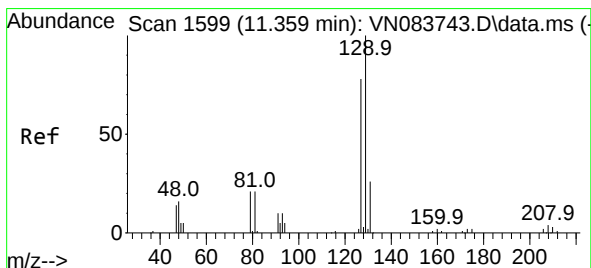
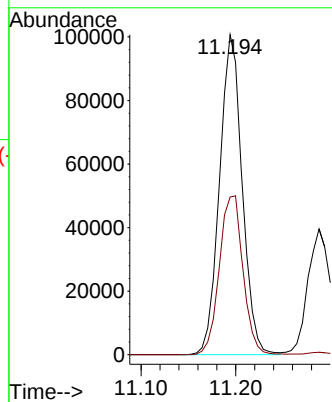
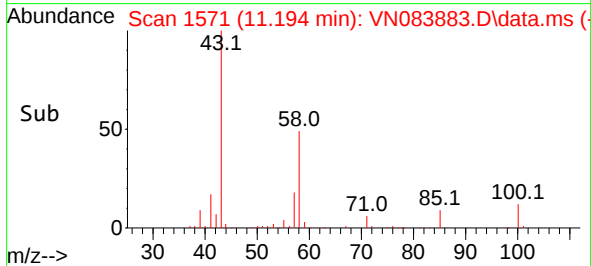
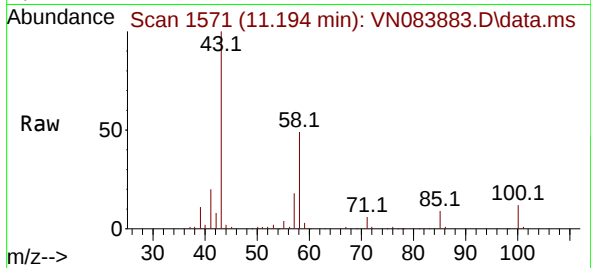
#59
2-Hexanone
Concen: 97.883 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN083883.D
Acq: 14 Sep 2024 12:21

Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS01

Tgt Ion: 43 Resp: 167448
Ion Ratio Lower Upper
43 100
58 51.9 27.2 81.5

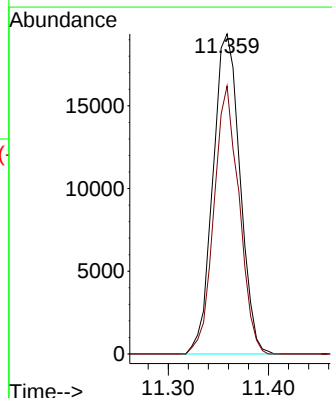
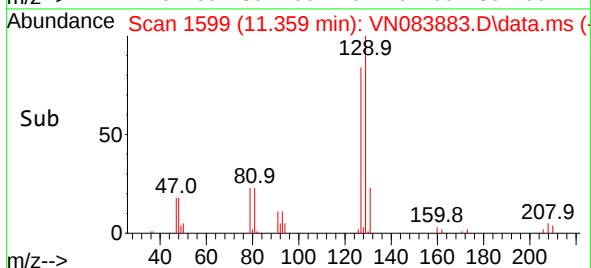
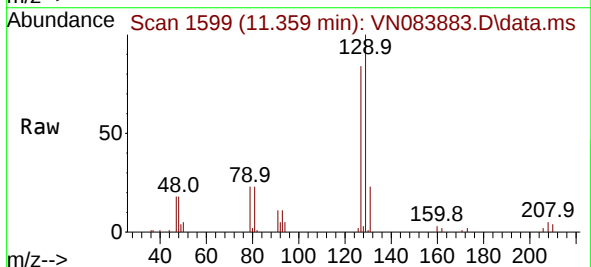
Manual Integrations
APPROVED

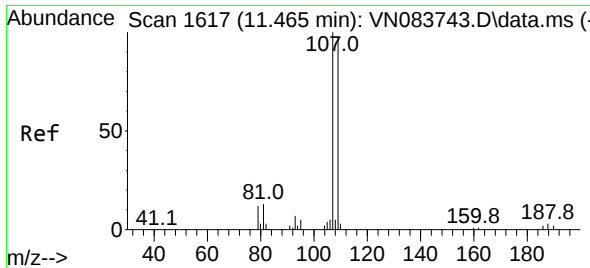
Reviewed By :John Carlone 09/16/2024
Supervised By :Mahesh Dadoda 09/16/2024



#60
Dibromochloromethane
Concen: 18.248 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN083883.D
Acq: 14 Sep 2024 12:21

Tgt Ion:129 Resp: 36253
Ion Ratio Lower Upper
129 100
127 77.9 39.0 116.9





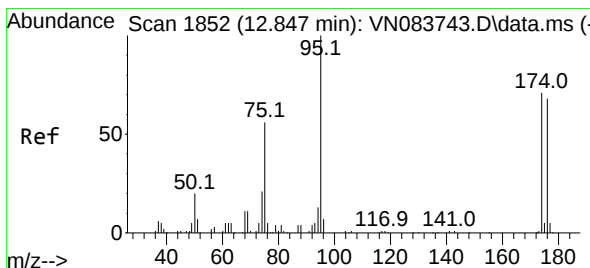
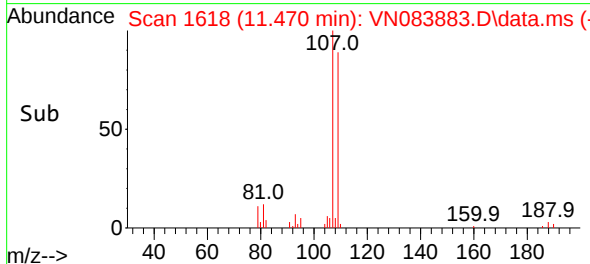
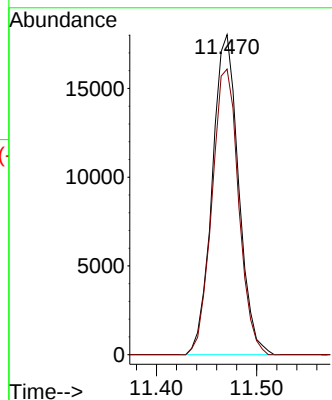
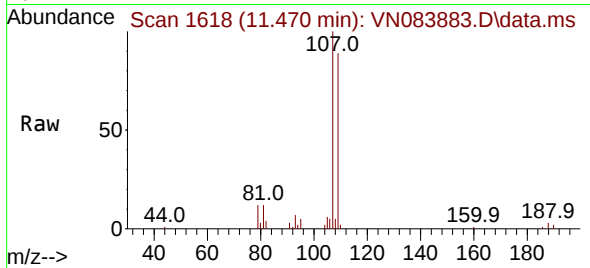
#61
1,2-Dibromoethane
Concen: 18.595 ug/l
RT: 11.470 min Scan# 1617
Delta R.T. 0.006 min
Lab File: VN083883.D
Acq: 14 Sep 2024 12:21

Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS01

Tgt Ion:107 Resp: 3292
Ion Ratio Lower Upper
107 100
109 90.3 75.6 113.4

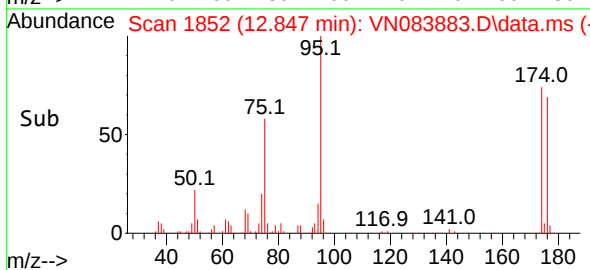
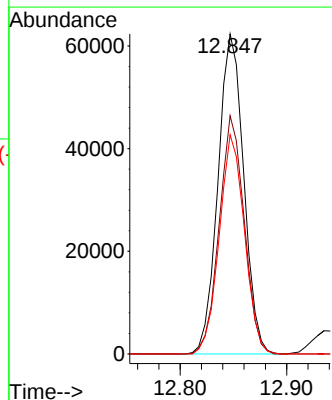
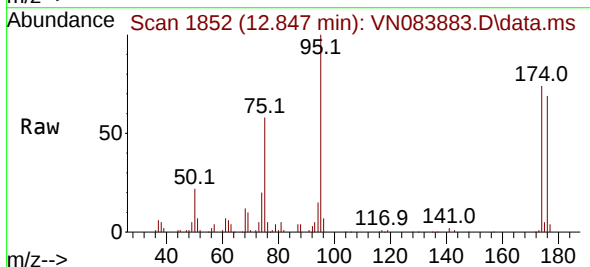
Manual Integrations
APPROVED

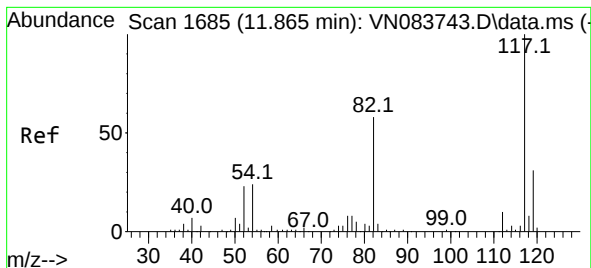
Reviewed By :John Carlone 09/16/2024
Supervised By :Mahesh Dadoda 09/16/2024



#62
4-Bromofluorobenzene
Concen: 42.599 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083883.D
Acq: 14 Sep 2024 12:21

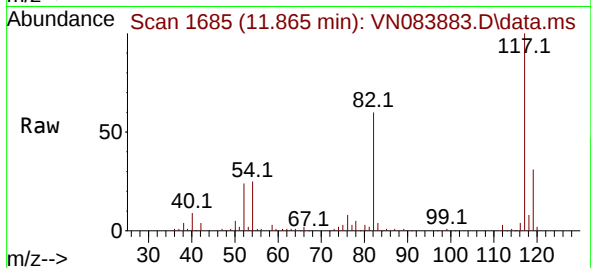
Tgt Ion: 95 Resp: 104261
Ion Ratio Lower Upper
95 100
174 72.5 0.0 139.8
176 67.2 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN083883.D
Acq: 14 Sep 2024 12:21

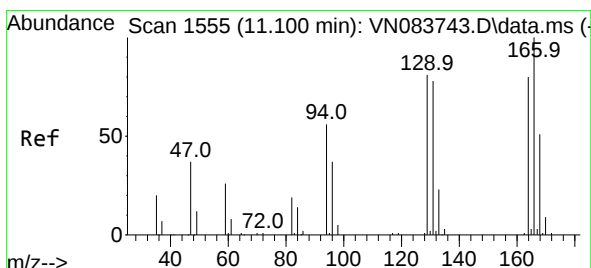
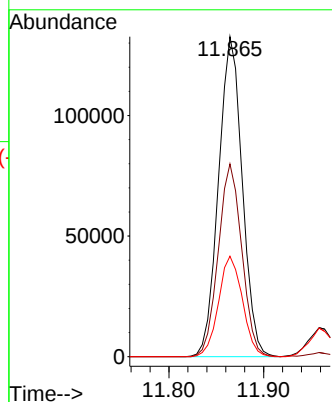
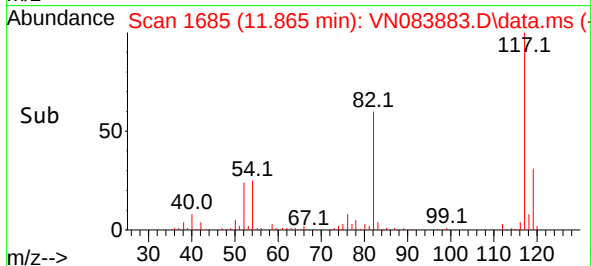
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS01



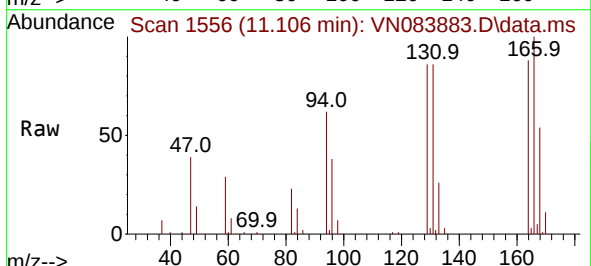
Tgt Ion:117 Resp: 231014
Ion Ratio Lower Upper
117 100
82 60.3 47.4 71.0
119 31.4 26.3 39.5

Manual Integrations
APPROVED

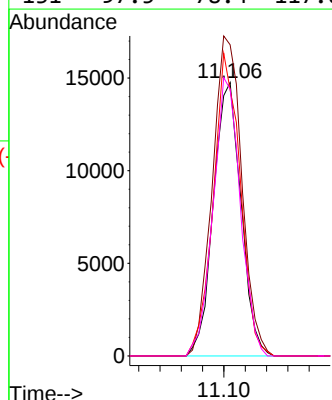
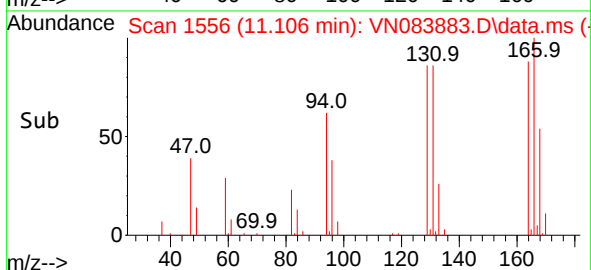
Reviewed By :John Carlone 09/16/2024
Supervised By :Mahesh Dadoda 09/16/2024

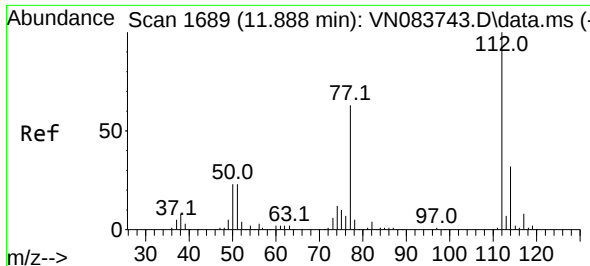


#64
Tetrachloroethene
Concen: 17.268 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VN083883.D
Acq: 14 Sep 2024 12:21



Tgt Ion:164 Resp: 26528
Ion Ratio Lower Upper
164 100
166 113.8 103.7 155.5
129 97.3 79.9 119.9
131 97.5 78.4 117.6





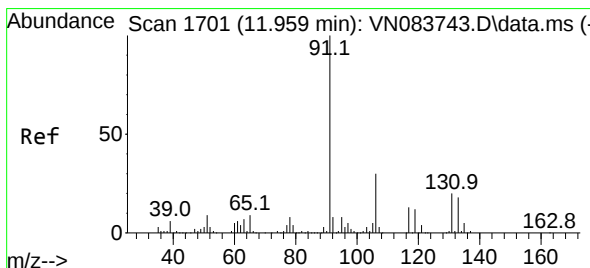
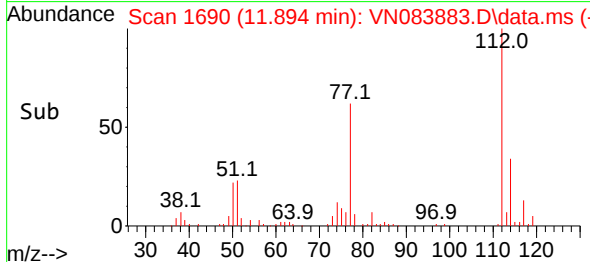
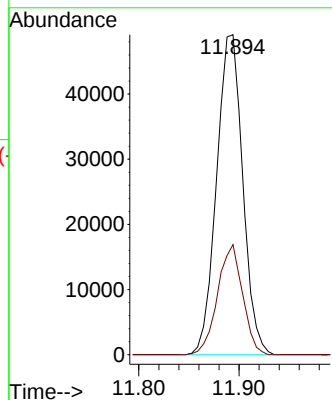
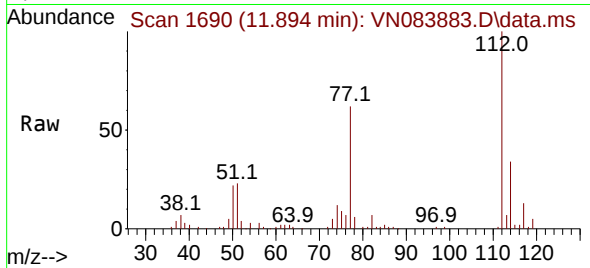
#65
Chlorobenzene
Concen: 17.295 ug/l
RT: 11.894 min Scan# 11894
Delta R.T. 0.006 min
Lab File: VN083883.D
Acq: 14 Sep 2024 12:21

Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS01

Tgt Ion:112 Resp: 88798
Ion Ratio Lower Upper
112 100
114 34.4 25.7 38.5

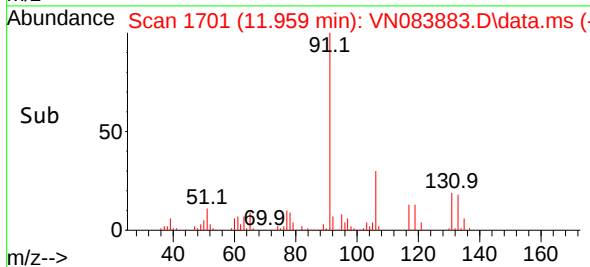
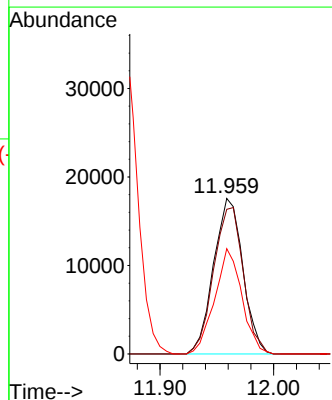
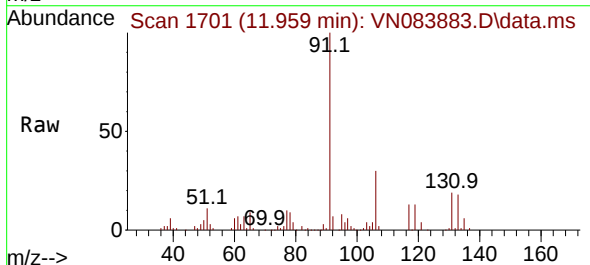
Manual Integrations
APPROVED

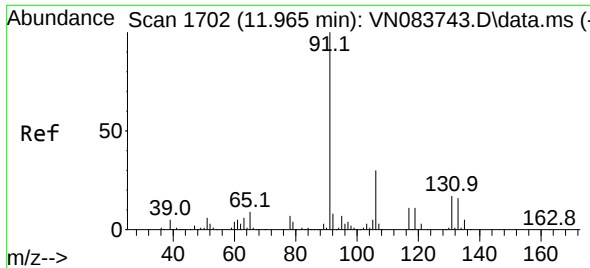
Reviewed By :John Carlone 09/16/2024
Supervised By :Mahesh Dadoda 09/16/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 17.683 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN083883.D
Acq: 14 Sep 2024 12:21

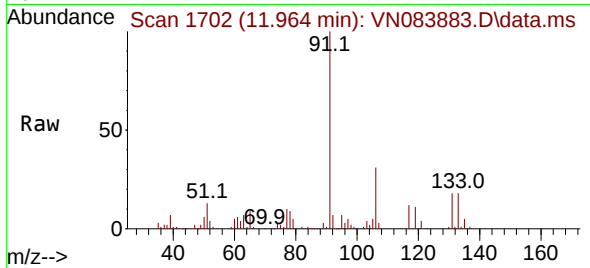
Tgt Ion:131 Resp: 31475
Ion Ratio Lower Upper
131 100
133 95.4 47.5 142.6
119 62.9 31.6 94.8





#67
Ethyl Benzene
Concen: 17.561 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN083883.D
Acq: 14 Sep 2024 12:21

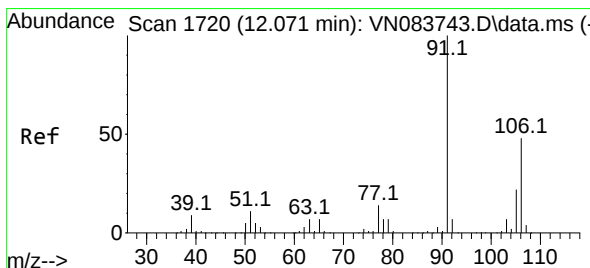
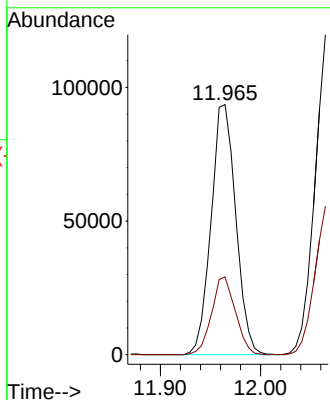
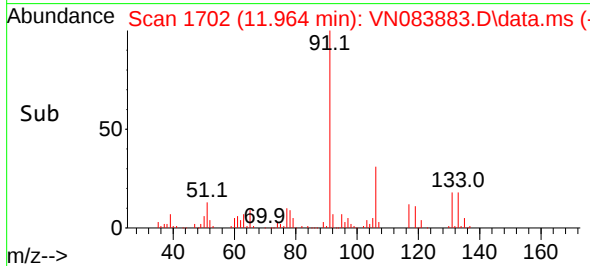
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS01



Tgt Ion: 91 Resp: 160169
Ion Ratio Lower Upper
91 100
106 31.1 24.3 36.5

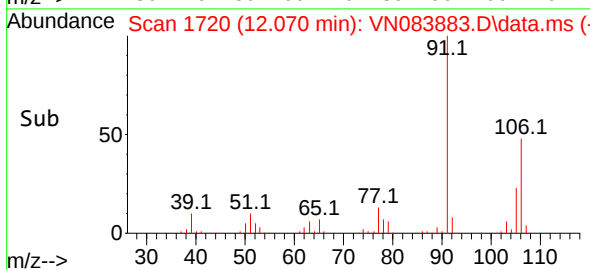
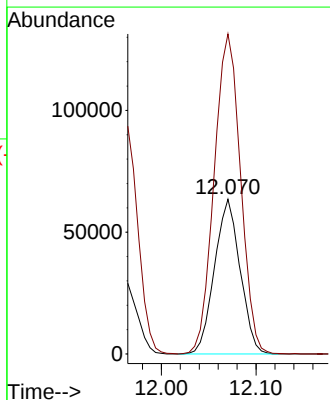
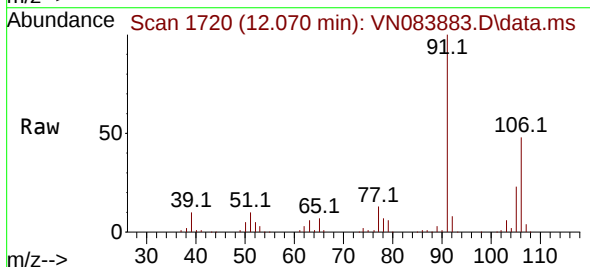
Manual Integrations
APPROVED

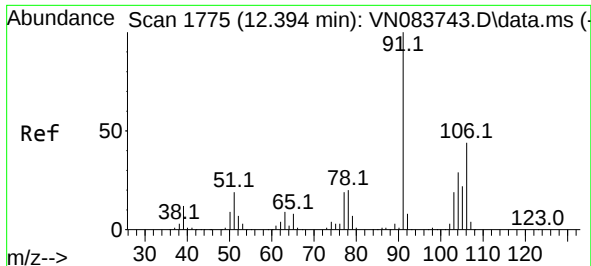
Reviewed By :John Carlone 09/16/2024
Supervised By :Mahesh Dadoda 09/16/2024



#68
m/p-Xylenes
Concen: 35.262 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN083883.D
Acq: 14 Sep 2024 12:21

Tgt Ion:106 Resp: 119405
Ion Ratio Lower Upper
106 100
91 213.4 169.2 253.8





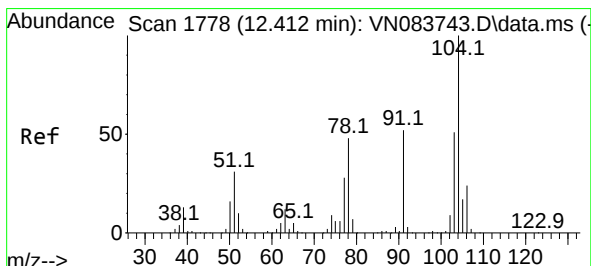
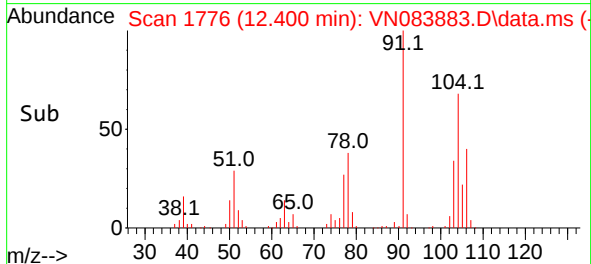
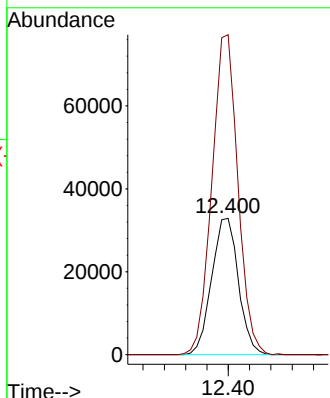
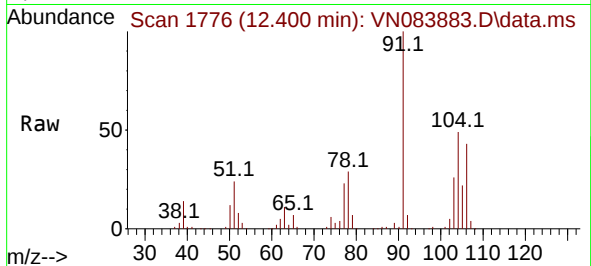
#69
o-Xylene
Concen: 17.467 ug/l
RT: 12.400 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VN083883.D
Acq: 14 Sep 2024 12:21

Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS01

Tgt Ion:106 Resp: 57260
Ion Ratio Lower Upper
106 100
91 228.0 112.9 338.6

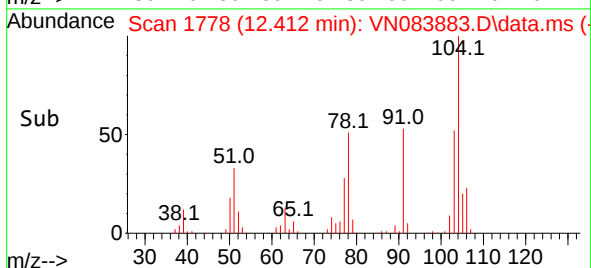
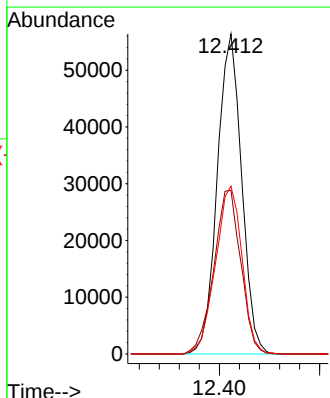
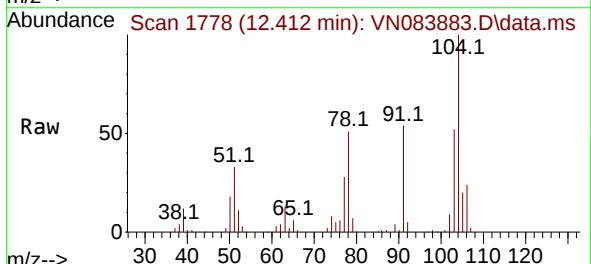
Manual Integrations
APPROVED

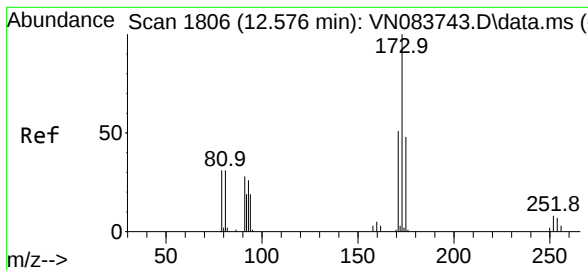
Reviewed By :John Carlone 09/16/2024
Supervised By :Mahesh Dadoda 09/16/2024



#70
Styrene
Concen: 17.652 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN083883.D
Acq: 14 Sep 2024 12:21

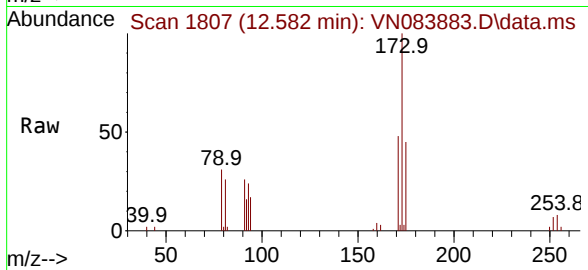
Tgt Ion:104 Resp: 94968
Ion Ratio Lower Upper
104 100
78 56.7 43.3 64.9
103 57.2 43.4 65.2





#71
Bromoform
Concen: 19.256 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VN083883.D
Acq: 14 Sep 2024 12:21

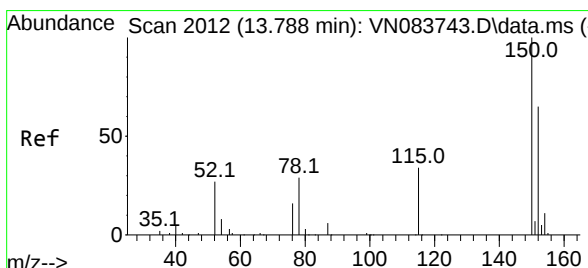
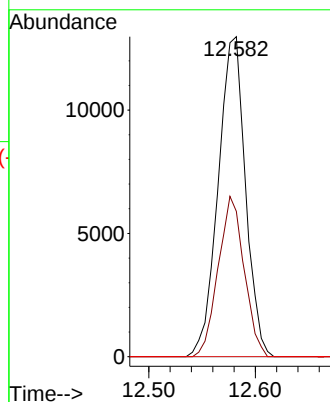
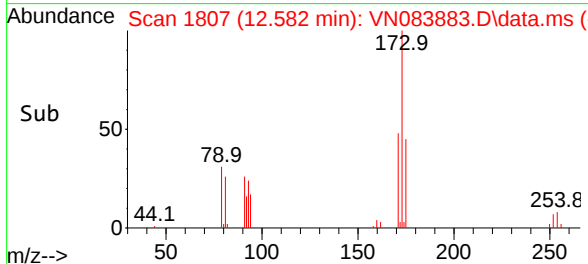
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS01



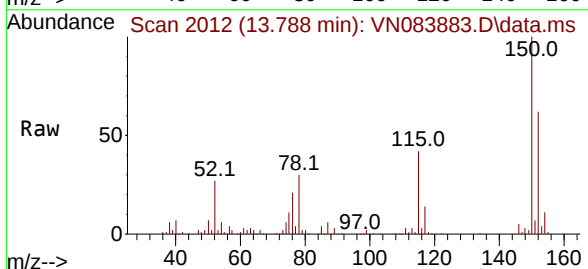
Tgt Ion:173 Resp: 2309
Ion Ratio Lower Upper
173 100
175 47.5 24.1 72.2
254 0.0 0.0 0.0

Manual Integrations
APPROVED

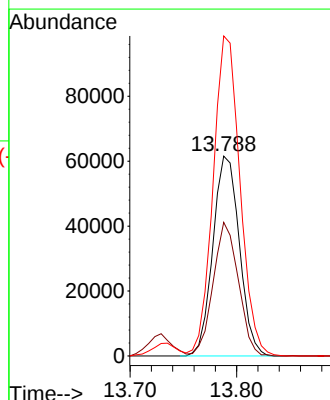
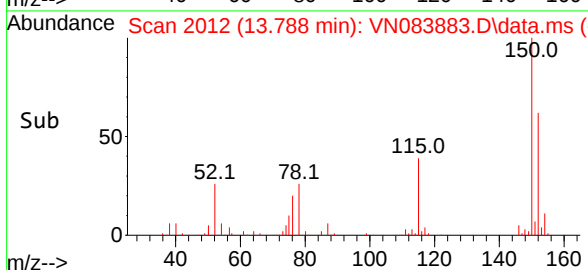
Reviewed By :John Carlone 09/16/2024
Supervised By :Mahesh Dadoda 09/16/2024

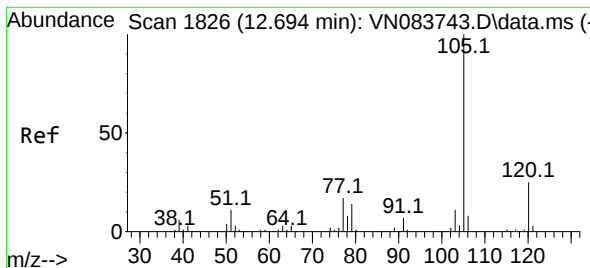


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN083883.D
Acq: 14 Sep 2024 12:21



Tgt Ion:152 Resp: 106137
Ion Ratio Lower Upper
152 100
115 63.8 32.2 96.6
150 162.8 0.0 348.6





#73

Isopropylbenzene

Concen: 18.055 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN083883.D

Acq: 14 Sep 2024 12:21

Instrument :

MSVOA_N

ClientSampleId :

VN0914WBS01

Tgt Ion:105 Resp: 148254

Ion Ratio Lower Upper

105 100

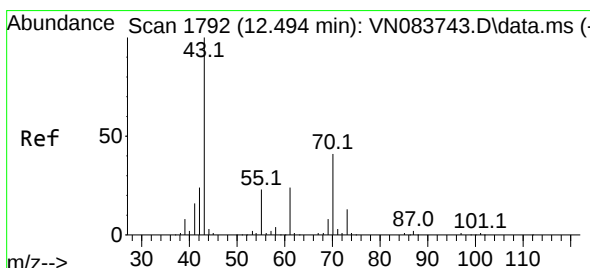
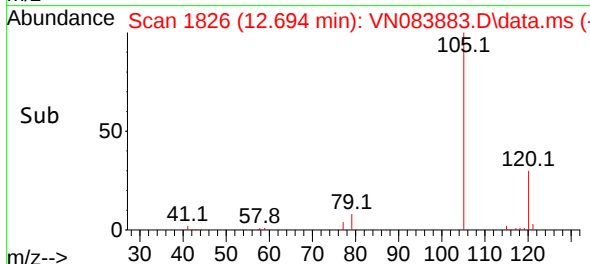
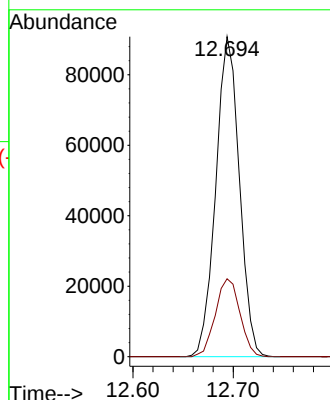
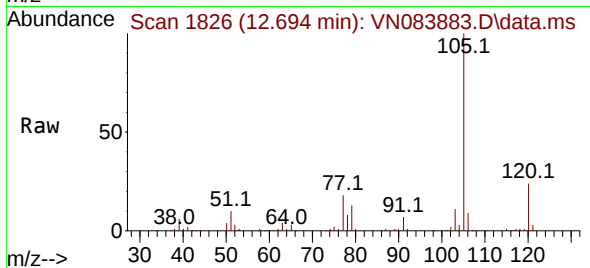
120 25.4 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2024

Supervised By :Mahesh Dadoda 09/16/2024



#74

N-ethyl acetate

Concen: 19.231 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN083883.D

Acq: 14 Sep 2024 12:21

Tgt Ion: 43 Resp: 67374

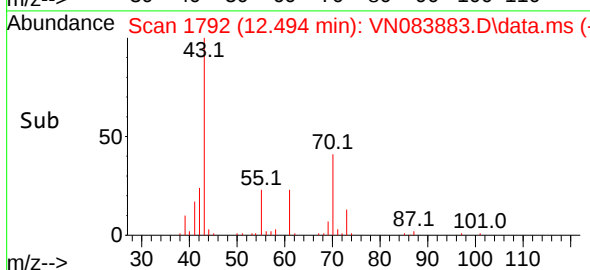
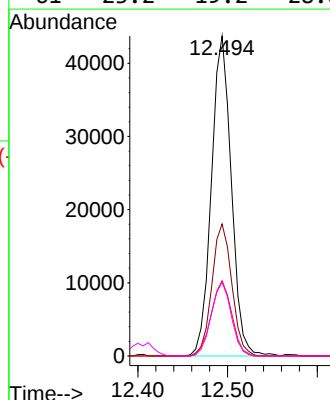
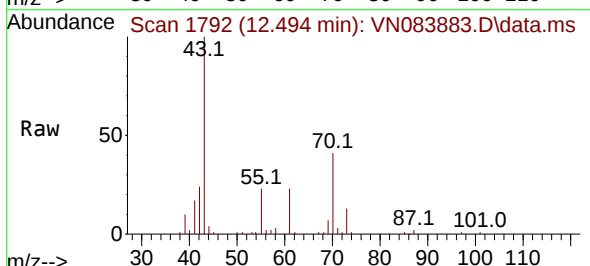
Ion Ratio Lower Upper

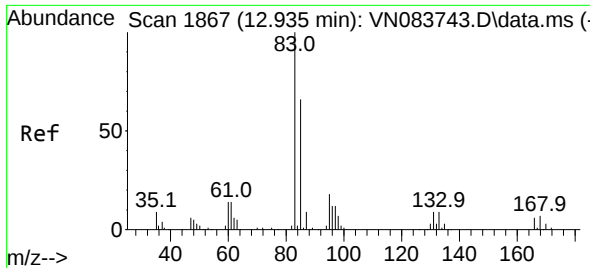
43 100

70 41.3 34.5 51.7

55 24.1 18.6 28.0

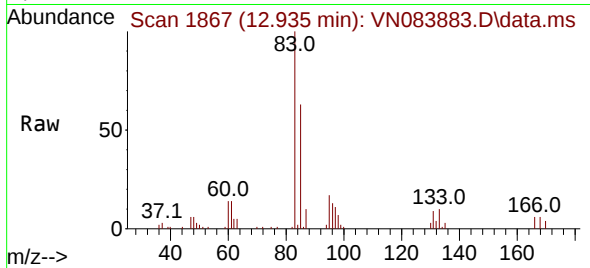
61 23.2 19.2 28.8





#75
1,1,2,2-Tetrachloroethane
Concen: 18.832 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN083883.D
Acq: 14 Sep 2024 12:21

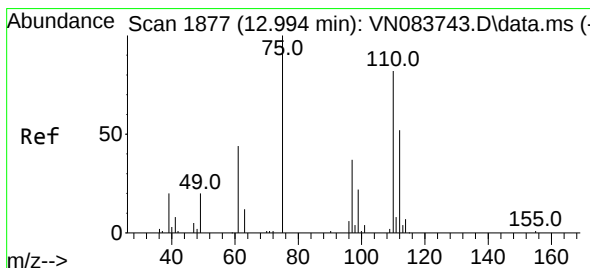
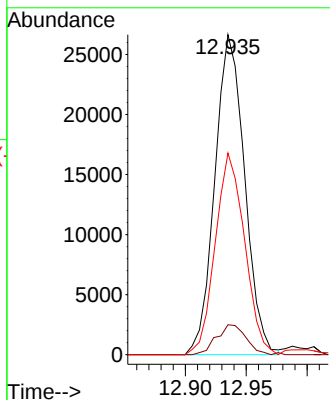
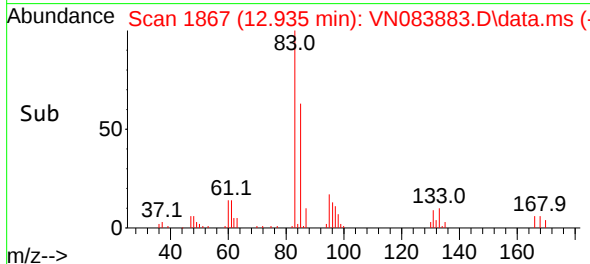
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS01



Tgt Ion: 83 Resp: 45438
Ion Ratio Lower Upper
83 100
131 9.4 5.2 15.6
85 61.9 31.9 95.9

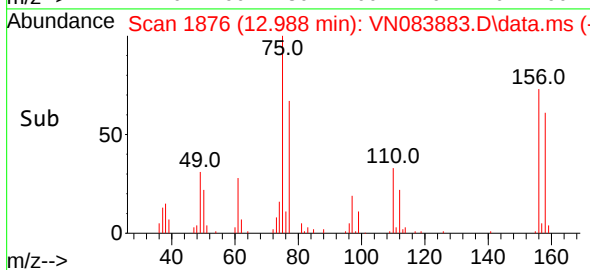
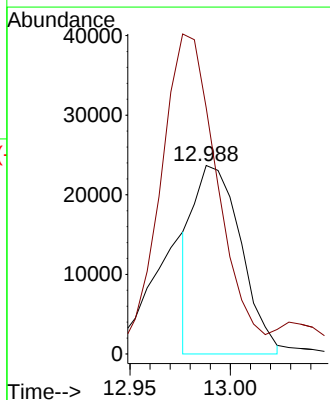
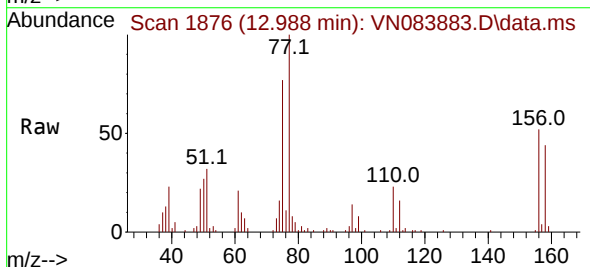
Manual Integrations
APPROVED

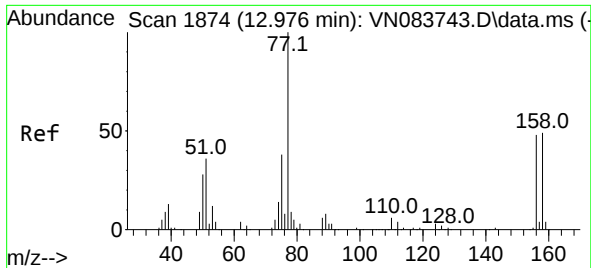
Reviewed By :John Carlone 09/16/2024
Supervised By :Mahesh Dadoda 09/16/2024



#76
1,2,3-Trichloropropane
Concen: 18.137 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VN083883.D
Acq: 14 Sep 2024 12:21

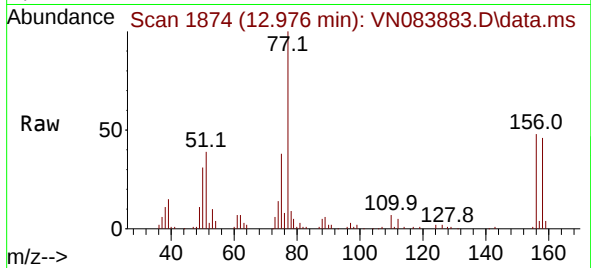
Tgt Ion: 75 Resp: 38842
Ion Ratio Lower Upper
75 100
77 205.9 95.2 285.6





#77
Bromobenzene
Concen: 17.697 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN083883.D
Acq: 14 Sep 2024 12:21

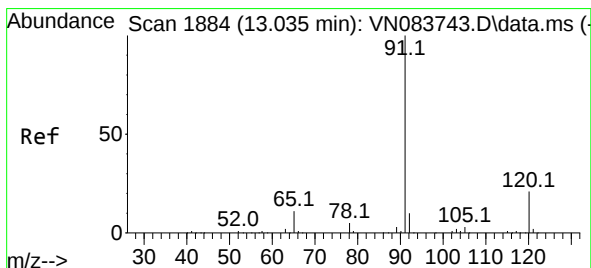
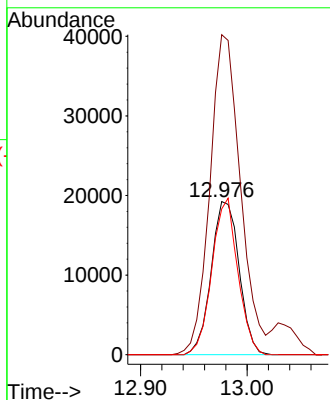
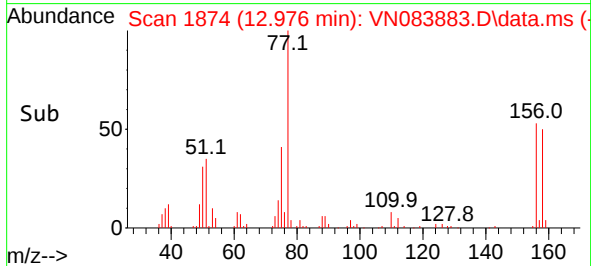
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS01



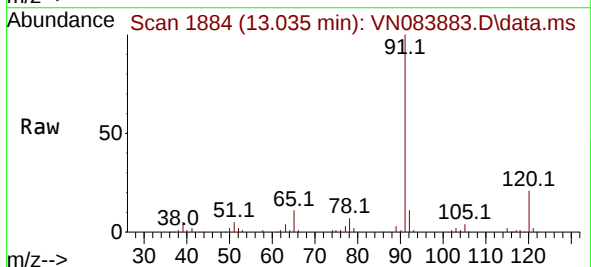
Tgt Ion:156 Resp: 34980
Ion Ratio Lower Upper
156 100
77 228.7 114.3 343.1
158 94.6 48.9 146.7

Manual Integrations
APPROVED

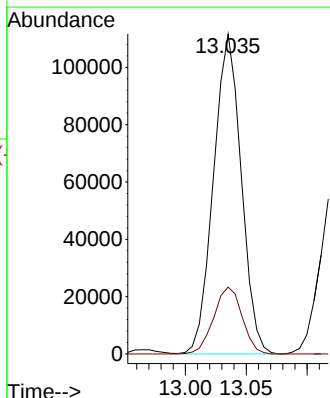
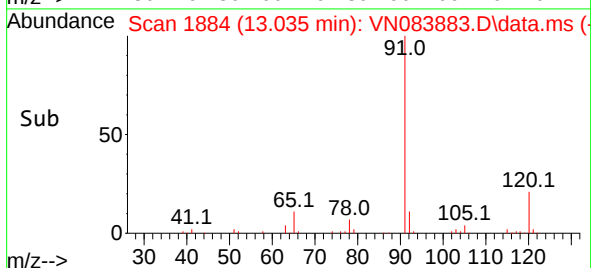
Reviewed By :John Carlone 09/16/2024
Supervised By :Mahesh Dadoda 09/16/2024

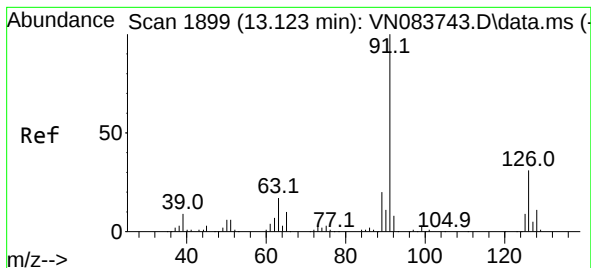


#78
n-propylbenzene
Concen: 18.492 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN083883.D
Acq: 14 Sep 2024 12:21



Tgt Ion: 91 Resp: 176674
Ion Ratio Lower Upper
91 100
120 21.4 11.0 33.0





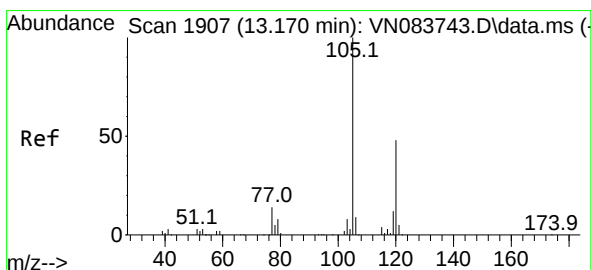
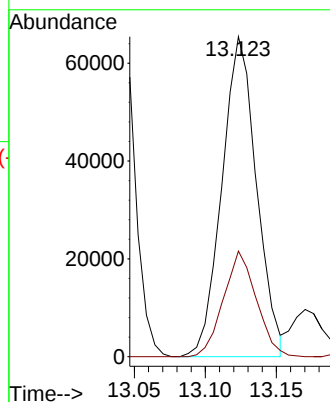
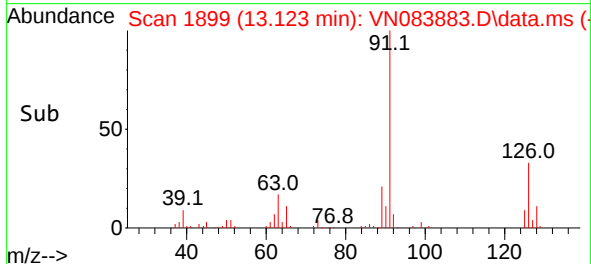
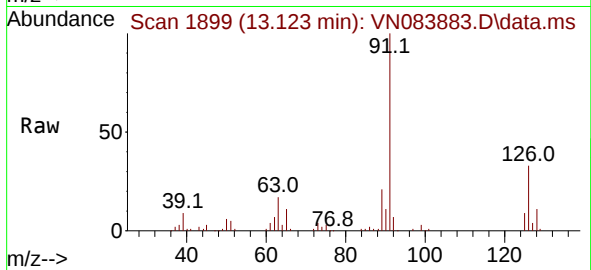
#79
2-Chlorotoluene
Concen: 18.192 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN083883.D
Acq: 14 Sep 2024 12:21

Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS01

Tgt Ion: 91 Resp: 11084
Ion Ratio Lower Upper
91 100
126 31.4 15.4 46.2

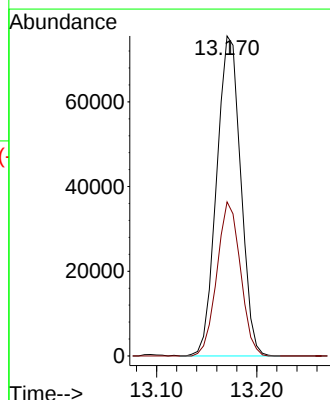
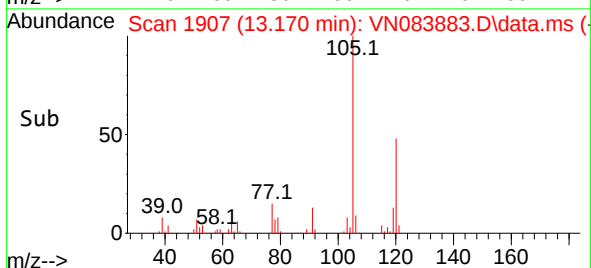
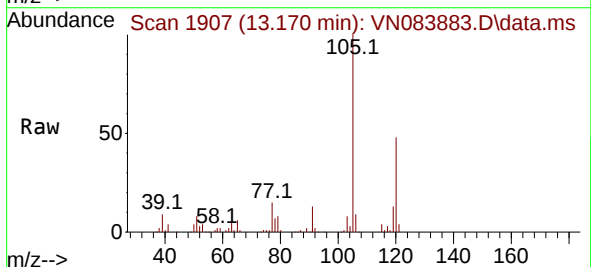
Manual Integrations
APPROVED

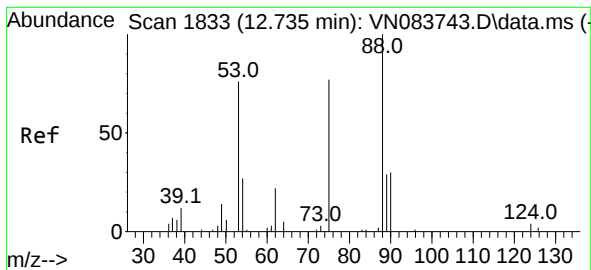
Reviewed By :John Carlone 09/16/2024
Supervised By :Mahesh Dadoda 09/16/2024



#80
1,3,5-Trimethylbenzene
Concen: 18.151 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN083883.D
Acq: 14 Sep 2024 12:21

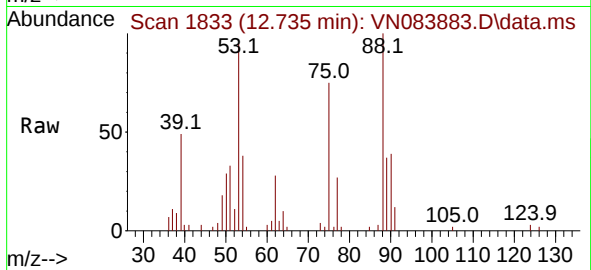
Tgt Ion:105 Resp: 125661
Ion Ratio Lower Upper
105 100
120 47.0 23.4 70.3





#81
trans-1,4-Dichloro-2-butene
Concen: 17.304 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN083883.D
Acq: 14 Sep 2024 12:21

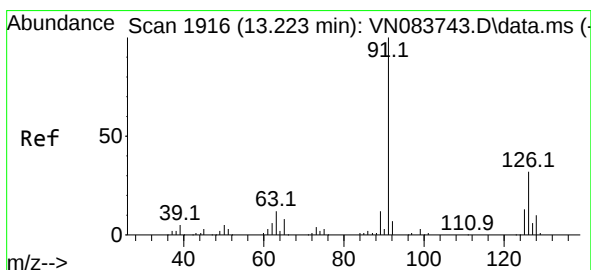
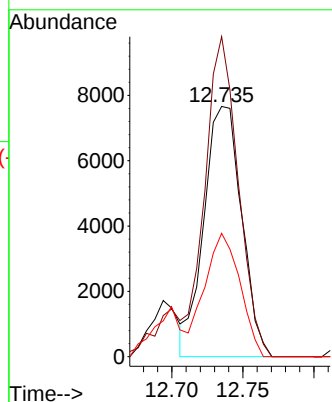
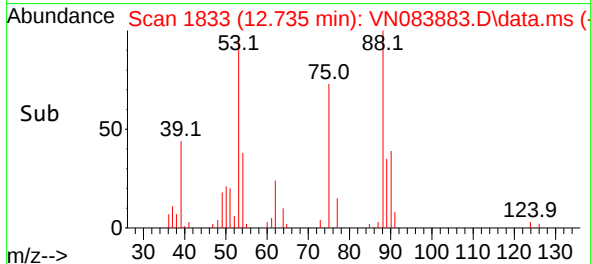
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS01



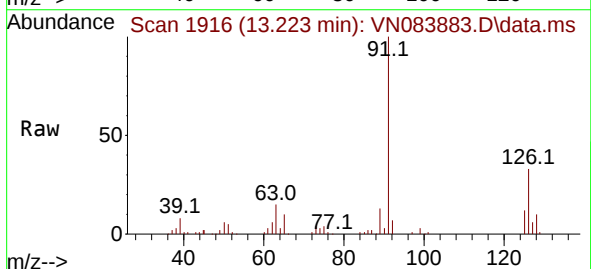
Tgt Ion: 75 Resp: 14150
Ion Ratio Lower Upper
75 100
53 127.6 81.2 121.8
89 45.5 35.7 53.5

Manual Integrations
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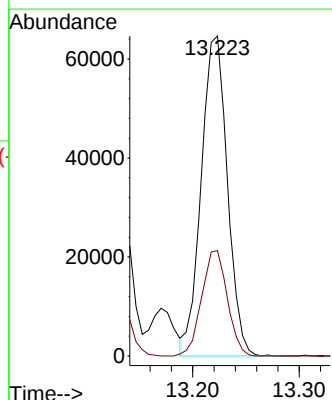
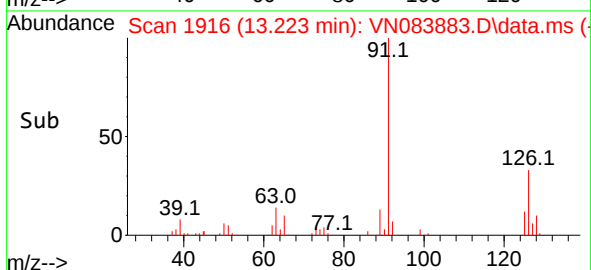
Reviewed By :John Carlone 09/16/2024
Supervised By :Mahesh Dadoda 09/16/2024

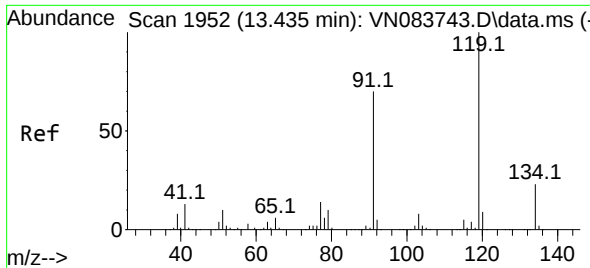


#82
4-Chlorotoluene
Concen: 18.075 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN083883.D
Acq: 14 Sep 2024 12:21



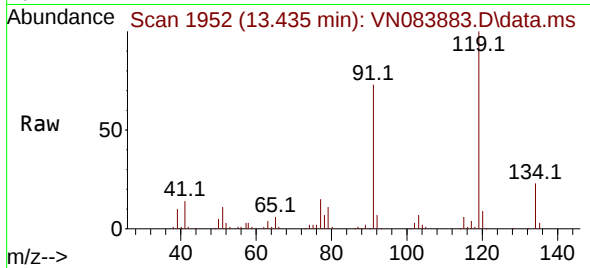
Tgt Ion: 91 Resp: 110520
Ion Ratio Lower Upper
91 100
126 32.3 15.4 46.2





#83
tert-Butylbenzene
Concen: 17.798 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN083883.D
Acq: 14 Sep 2024 12:21

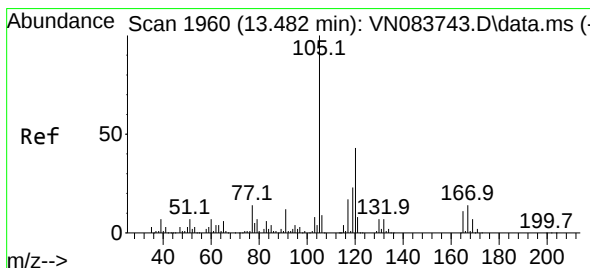
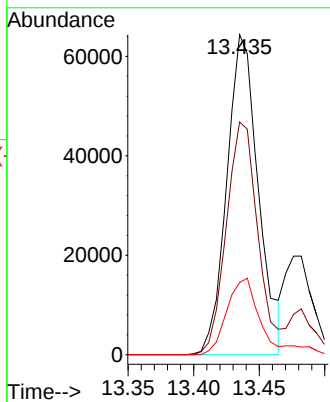
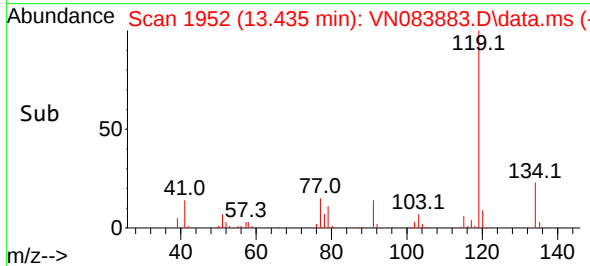
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS01



Tgt Ion:119 Resp: 10780
Ion Ratio Lower Upper
119 100
91 72.2 34.5 103.6
134 26.1 12.8 38.4

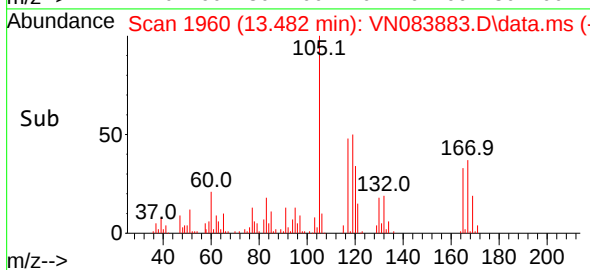
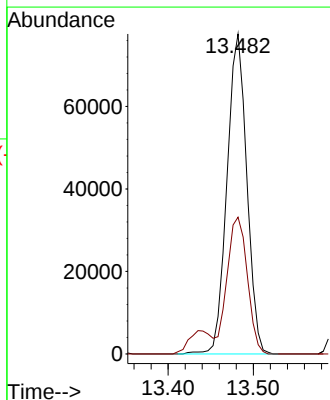
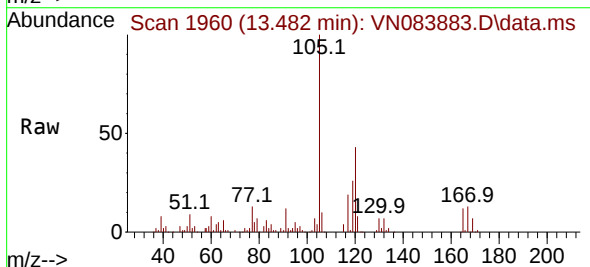
Manual Integrations
APPROVED

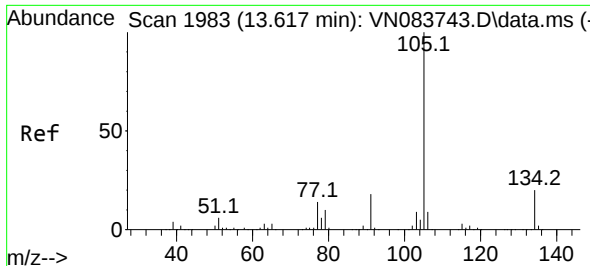
Reviewed By :John Carlone 09/16/2024
Supervised By :Mahesh Dadoda 09/16/2024



#84
1,2,4-Trimethylbenzene
Concen: 17.990 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN083883.D
Acq: 14 Sep 2024 12:21

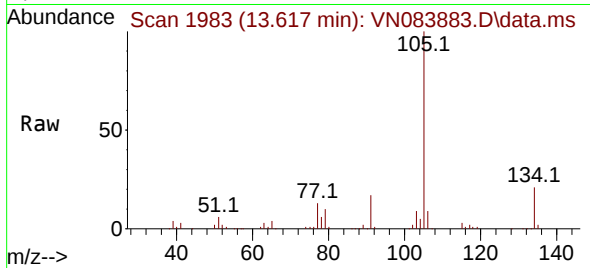
Tgt Ion:105 Resp: 125107
Ion Ratio Lower Upper
105 100
120 44.1 21.8 65.4





#85
 sec-Butylbenzene
 Concen: 18.294 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN083883.D
 Acq: 14 Sep 2024 12:21

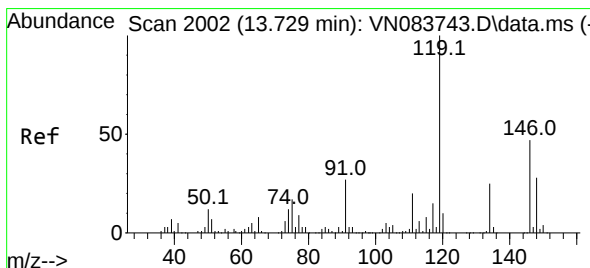
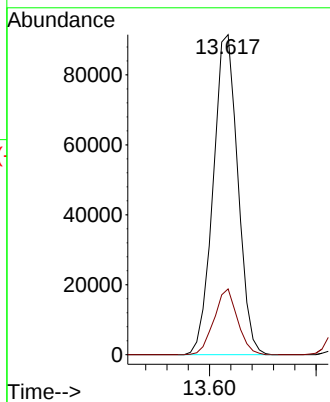
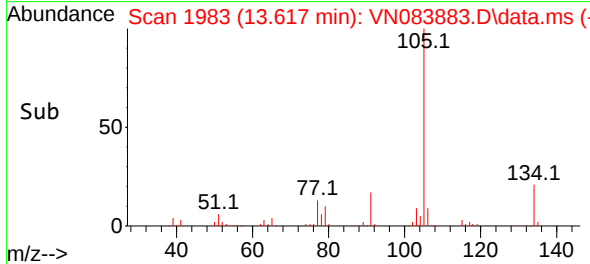
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914WBS01



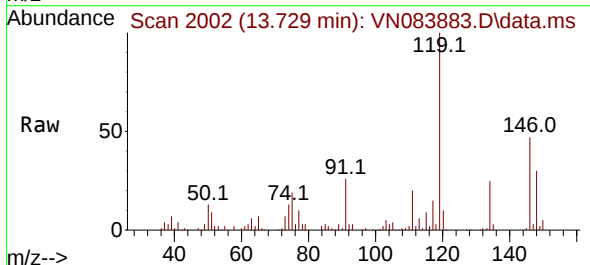
Tgt Ion:105 Resp: 146949
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.7 29.1

Manual Integrations
 APPROVED

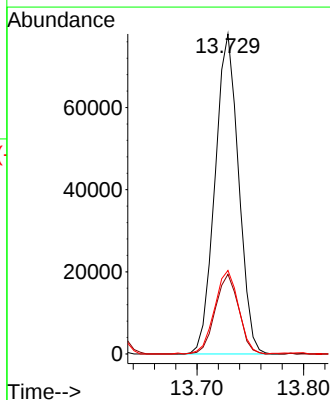
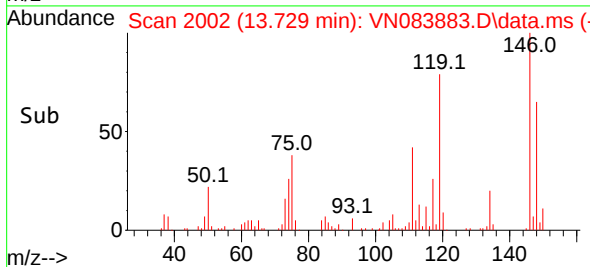
Reviewed By :John Carlone 09/16/2024
 Supervised By :Mahesh Dadoda 09/16/2024

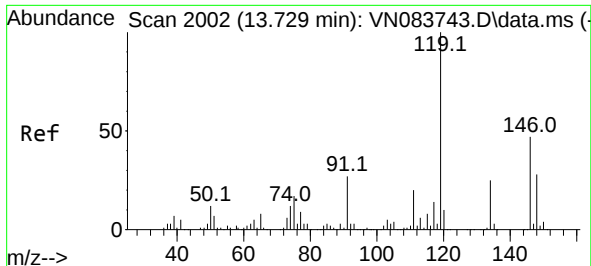


#86
 p-Isopropyltoluene
 Concen: 17.796 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN083883.D
 Acq: 14 Sep 2024 12:21



Tgt Ion:119 Resp: 119830
 Ion Ratio Lower Upper
 119 100
 134 24.6 12.8 38.3
 91 26.6 12.9 38.7





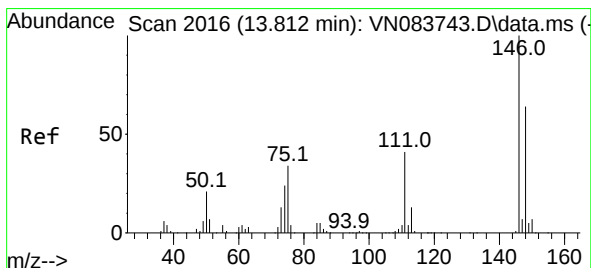
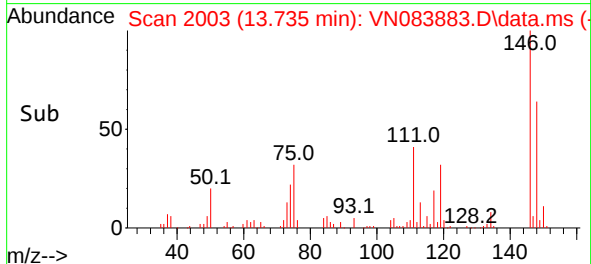
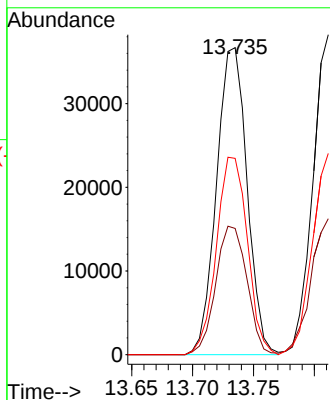
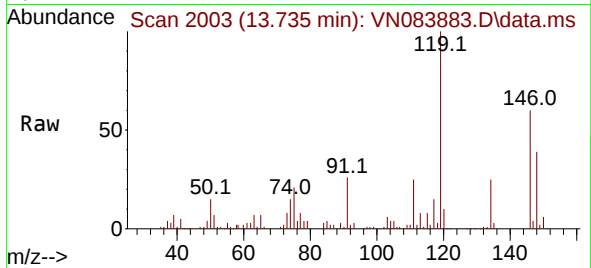
#87
1,3-Dichlorobenzene
Concen: 17.195 ug/l
RT: 13.735 min Scan# 2002
Delta R.T. 0.006 min
Lab File: VN083883.D
Acq: 14 Sep 2024 12:21

Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS01

Tgt Ion:146 Resp: 6414
Ion Ratio Lower Upper
146 100
111 42.8 21.7 65.1
148 65.2 31.7 95.1

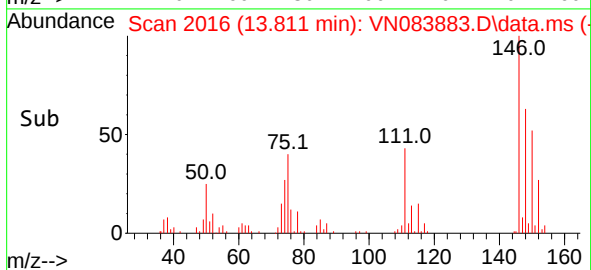
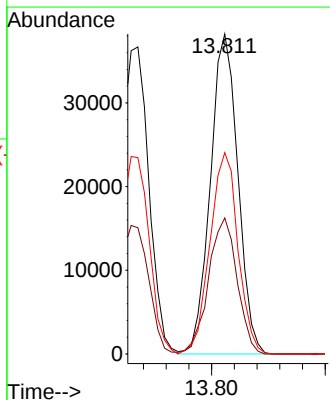
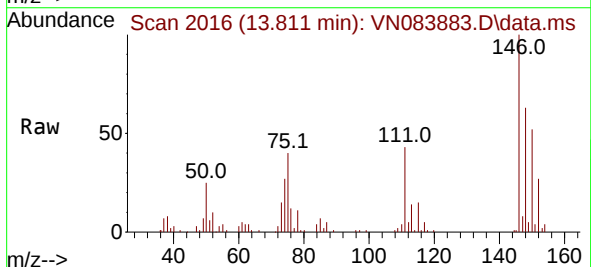
Manual Integrations
APPROVED

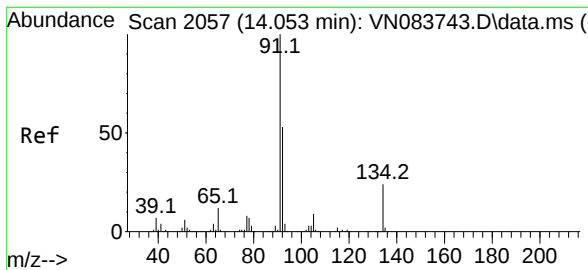
Reviewed By :John Carlone 09/16/2024
Supervised By :Mahesh Dadoda 09/16/2024



#88
1,4-Dichlorobenzene
Concen: 17.039 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN083883.D
Acq: 14 Sep 2024 12:21

Tgt Ion:146 Resp: 64360
Ion Ratio Lower Upper
146 100
111 44.2 21.3 64.0
148 64.1 32.0 96.2





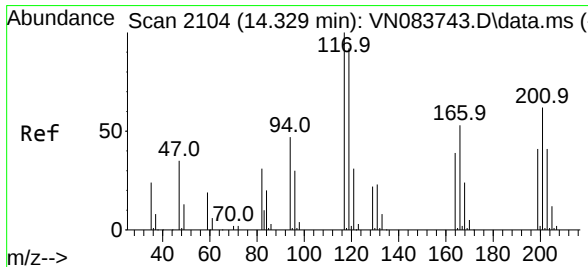
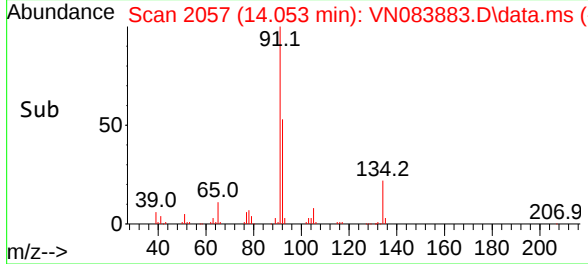
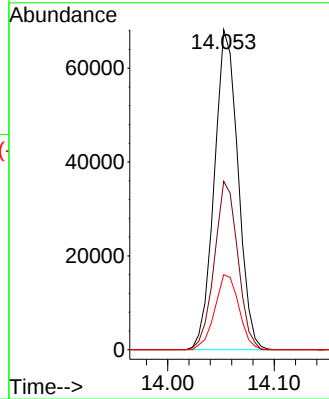
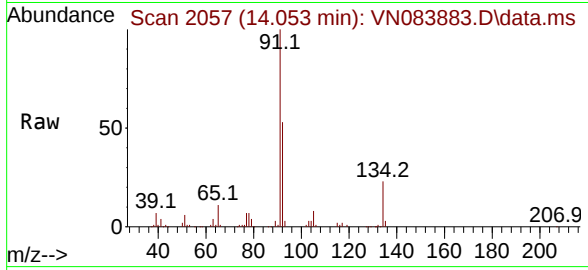
#89
n-Butylbenzene
Concen: 17.435 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN083883.D
Acq: 14 Sep 2024 12:21

Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS01

Tgt Ion: 91	Resp: 10540
Ion Ratio	Lower Upper
91	100
92	51.9 26.7 80.1
134	23.9 12.2 36.4

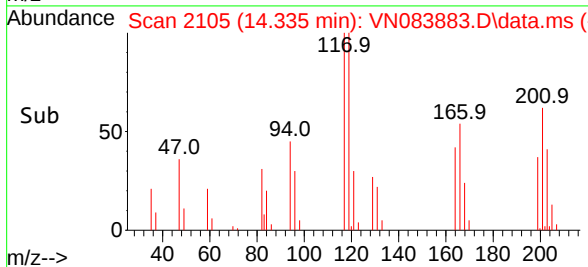
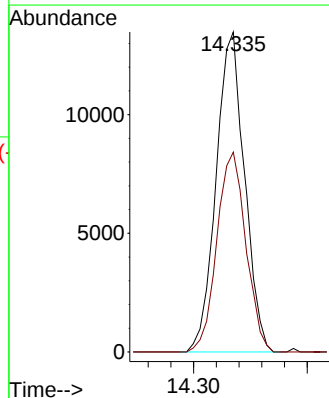
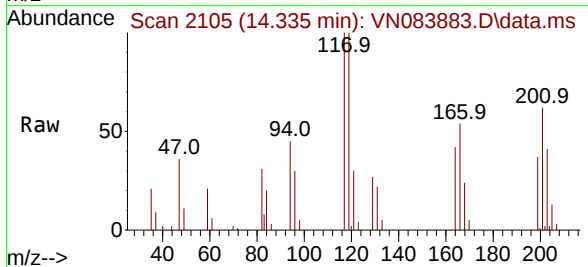
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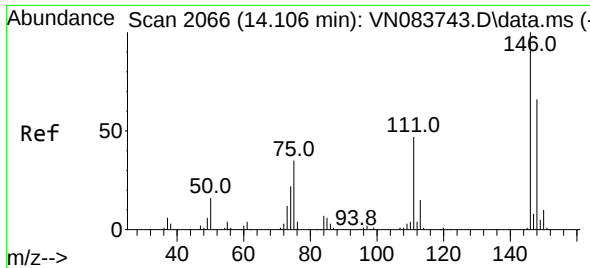
Reviewed By :John Carlone 09/16/2024
Supervised By :Mahesh Dadoda 09/16/2024



#90
Hexachloroethane
Concen: 17.307 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.006 min
Lab File: VN083883.D
Acq: 14 Sep 2024 12:21

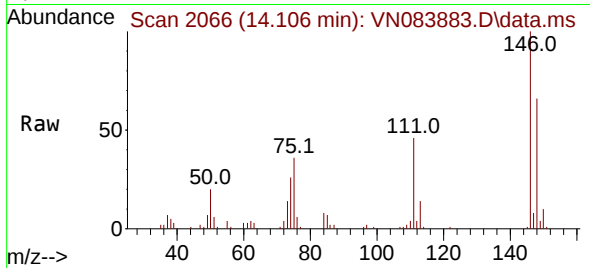
Tgt Ion: 117	Resp: 23427
Ion Ratio	Lower Upper
117	100
201	63.6 32.8 98.3





#91
1,2-Dichlorobenzene
Concen: 17.313 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN083883.D
Acq: 14 Sep 2024 12:21

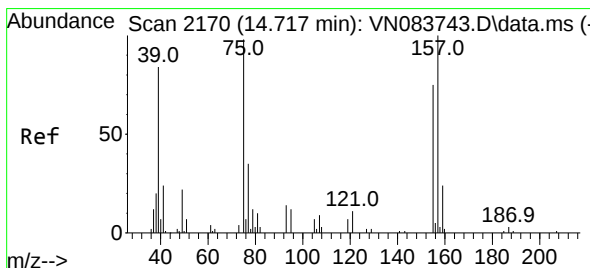
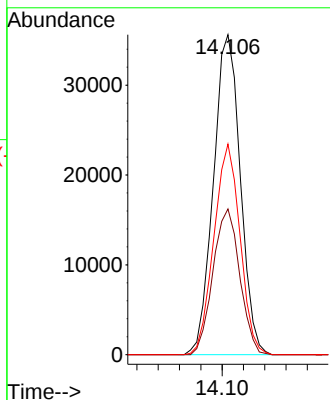
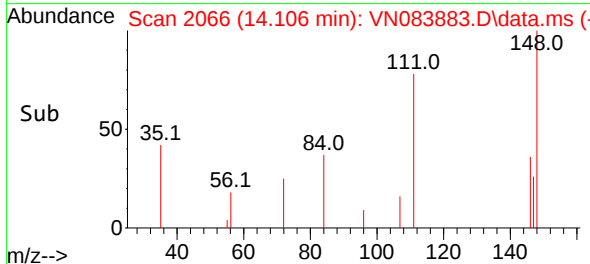
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS01



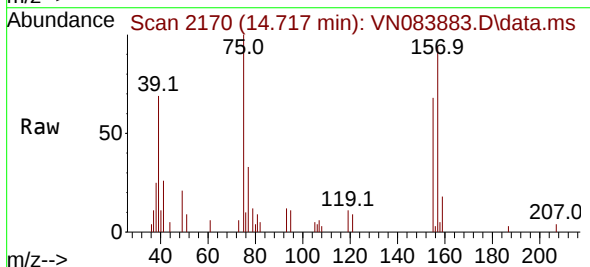
Tgt Ion:146 Resp: 62329
Ion Ratio Lower Upper
146 100
111 45.4 22.8 68.3
148 64.0 32.1 96.5

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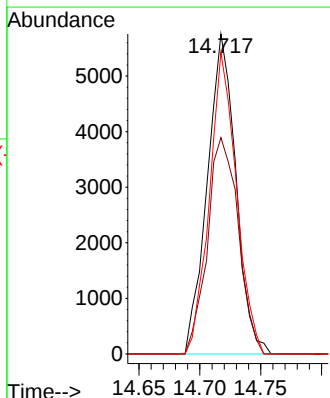
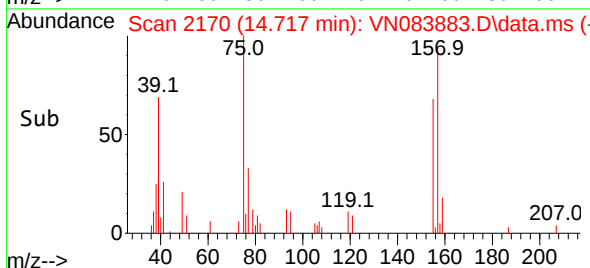
Reviewed By :John Carlone 09/16/2024
Supervised By :Mahesh Dadoda 09/16/2024

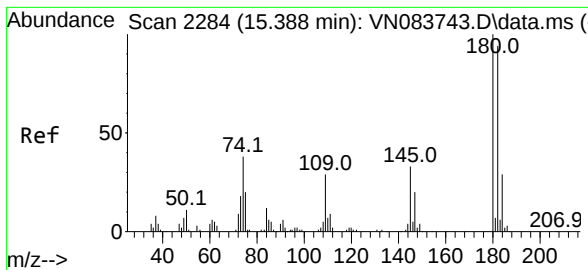


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.501 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN083883.D
Acq: 14 Sep 2024 12:21



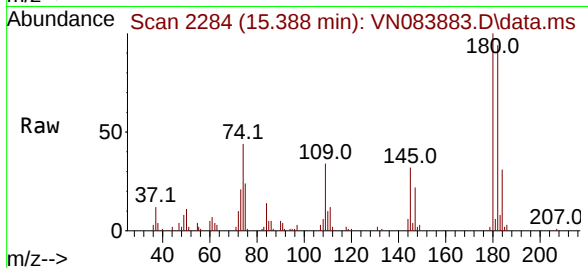
Tgt Ion: 75 Resp: 9379
Ion Ratio Lower Upper
75 100
155 72.7 35.9 107.7
157 89.4 47.5 142.5





#93
1,2,4-Trichlorobenzene
Concen: 15.637 ug/l
RT: 15.388 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN083883.D
Acq: 14 Sep 2024 12:21

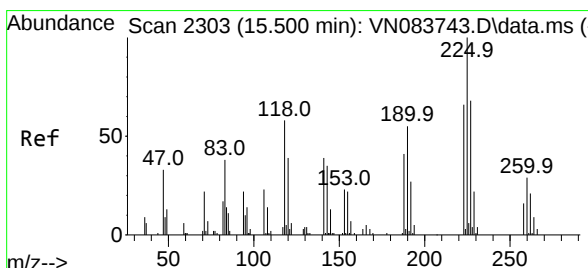
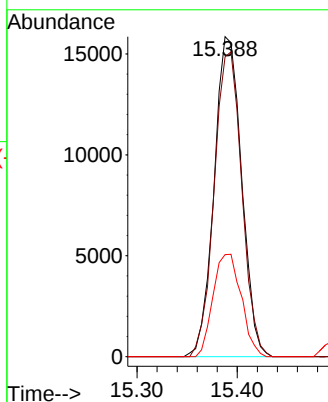
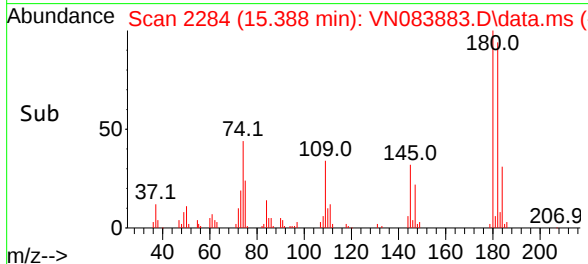
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS01



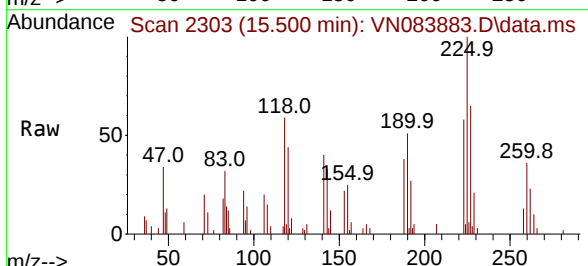
Tgt Ion:180 Resp: 30209
Ion Ratio Lower Upper
180 100
182 95.5 48.1 144.3
145 32.8 16.9 50.7

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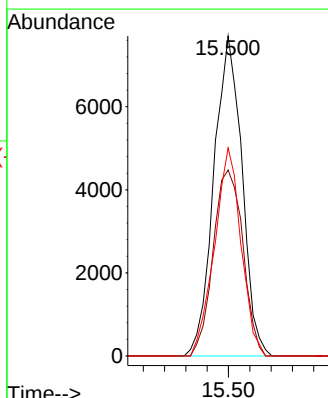
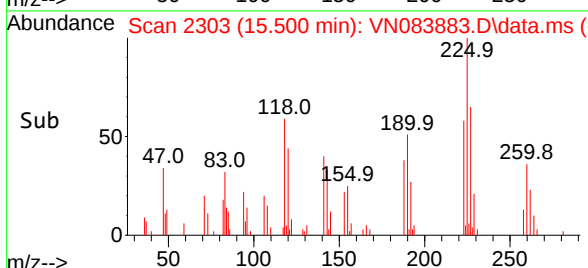
Reviewed By :John Carlone 09/16/2024
Supervised By :Mahesh Dadoda 09/16/2024

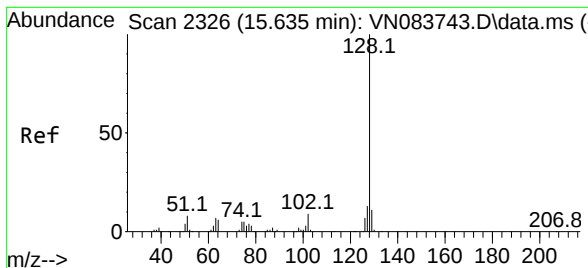


#94
Hexachlorobutadiene
Concen: 17.156 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN083883.D
Acq: 14 Sep 2024 12:21



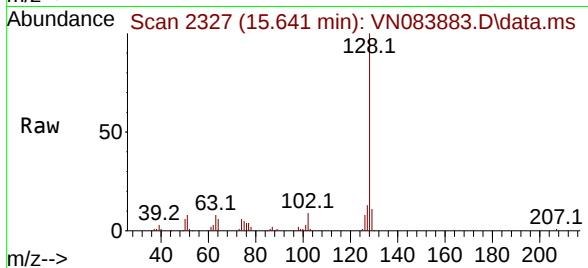
Tgt Ion:225 Resp: 14075
Ion Ratio Lower Upper
225 100
223 61.6 31.9 95.5
227 61.6 32.0 96.2





#95
Naphthalene
Concen: 16.669 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN083883.D
Acq: 14 Sep 2024 12:21

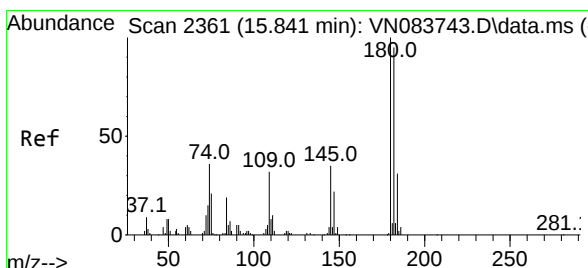
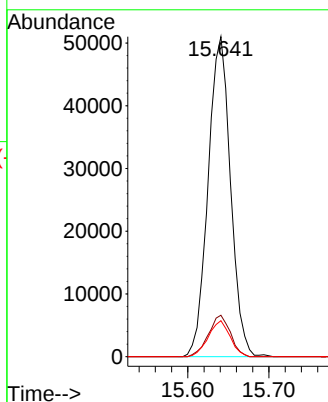
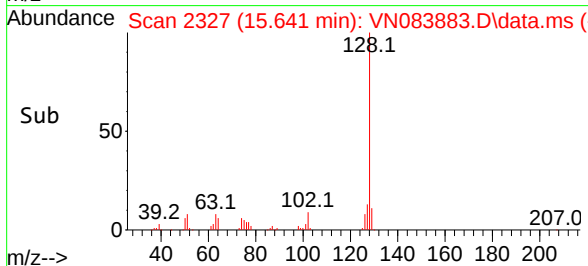
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS01



Tgt Ion:128 Resp: 97974
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.2
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/16/2024
Supervised By :Mahesh Dadoda 09/16/2024



#96
1,2,3-Trichlorobenzene
Concen: 16.119 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN083883.D
Acq: 14 Sep 2024 12:21

Tgt Ion:180 Resp: 29761
Ion Ratio Lower Upper
180 100
182 94.3 47.1 141.4
145 35.7 17.8 53.5

