

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091224\
 Data File : VN083827.D
 Acq On : 12 Sep 2024 13:19
 Operator : JC\MD
 Sample : VN0912WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/13/2024
 Supervised By : Mahesh Dadoda 09/13/2024

Quant Time: Sep 12 17:33:49 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	150814	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	266053	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	232891	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	113531	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	111256	48.924	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.840%		
35) Dibromofluoromethane	8.165	113	79078	46.428	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.860%		
50) Toluene-d8	10.565	98	288915	49.067	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.140%		
62) 4-Bromofluorobenzene	12.847	95	115251	47.442	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	94.880%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	36439	20.805	ug/l	98
3) Chloromethane	2.360	50	36503	19.275	ug/l	96
4) Vinyl Chloride	2.512	62	37719	19.648	ug/l	91
5) Bromomethane	2.901	94	20930	18.988	ug/l	95
6) Chloroethane	3.059	64	27217	20.211	ug/l	100
7) Trichlorofluoromethane	3.465	101	64898	19.915	ug/l	93
8) Diethyl Ether	3.959	74	23130	21.175	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.354	101	34656	20.064	ug/l	98
10) Methyl Iodide	4.577	142	43479	19.793	ug/l	97
11) Tert butyl alcohol	5.542	59	32545	106.874	ug/l	98
12) 1,1-Dichloroethene	4.318	96	31837	19.517	ug/l	93
13) Acrolein	4.171	56	36052	119.990	ug/l	98
14) Allyl chloride	5.012	41	59204	20.369	ug/l	98
15) Acrylonitrile	5.718	53	87512	105.673	ug/l	99
16) Acetone	4.430	43	82115	90.076	ug/l	100
17) Carbon Disulfide	4.695	76	83962	18.401	ug/l	98
18) Methyl Acetate	5.030	43	46659	23.585	ug/l	97
19) Methyl tert-butyl Ether	5.795	73	123312	20.891	ug/l	98
20) Methylene Chloride	5.271	84	36787	19.720	ug/l	94
21) trans-1,2-Dichloroethene	5.783	96	33424	19.120	ug/l	94
22) Diisopropyl ether	6.671	45	124093	20.740	ug/l	98
23) Vinyl Acetate	6.600	43	468412	106.902	ug/l	97
24) 1,1-Dichloroethane	6.565	63	69573	20.183	ug/l	99
25) 2-Butanone	7.483	43	121845	101.692	ug/l	98
26) 2,2-Dichloropropane	7.489	77	61101	19.247	ug/l	97
27) cis-1,2-Dichloroethene	7.483	96	41283	19.893	ug/l	98
28) Bromochloromethane	7.806	49	32423	22.335	ug/l	96
29) Tetrahydrofuran	7.841	42	77375	109.214	ug/l	98
30) Chloroform	7.965	83	74584	20.380	ug/l	97
31) Cyclohexane	8.247	56	61749	18.788	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	68583	20.381	ug/l	95
36) 1,1-Dichloropropene	8.365	75	48729	19.008	ug/l	99
37) Ethyl Acetate	7.559	43	51117	21.967	ug/l	100
38) Carbon Tetrachloride	8.359	117	58675	20.174	ug/l	94
39) Methylcyclohexane	9.594	83	54401	18.643	ug/l	94
40) Benzene	8.600	78	151885	19.684	ug/l	99

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Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	28393	20.630	ug/l	98
42) 1,2-Dichloroethane	8.665	62	59988	20.806	ug/l	100
43) Isopropyl Acetate	8.689	43	128050	30.366	ug/l #	90
44) Trichloroethene	9.353	130	35718	19.989	ug/l	97
45) 1,2-Dichloropropane	9.618	63	36928	19.801	ug/l	95
46) Dibromomethane	9.706	93	27445	21.010	ug/l	98
47) Bromodichloromethane	9.888	83	58088	20.547	ug/l	99
48) Methyl methacrylate	9.683	41	43046	21.516	ug/l	97
49) 1,4-Dioxane	9.694	88	13809	419.577	ug/l #	96
51) 4-Methyl-2-Pentanone	10.441	43	249767	108.810	ug/l	98
52) Toluene	10.630	92	94553	20.033	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	57184	19.956	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	60564	20.121	ug/l	91
55) 1,1,2-Trichloroethane	11.018	97	35676	20.247	ug/l	99
56) Ethyl methacrylate	10.871	69	59872	22.085	ug/l	96
57) 1,3-Dichloropropane	11.159	76	62472	20.629	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	108673	111.252	ug/l	99
59) 2-Hexanone	11.194	43	186840	110.036	ug/l	98
60) Dibromochloromethane	11.359	129	40708	20.643	ug/l	97
61) 1,2-Dibromoethane	11.465	107	35782	20.362	ug/l	99
64) Tetrachloroethene	11.100	164	28511	18.409	ug/l	90
65) Chlorobenzene	11.888	112	99600	19.242	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	35807	19.955	ug/l	98
67) Ethyl Benzene	11.965	91	181073	19.693	ug/l	99
68) m/p-Xylenes	12.071	106	132296	38.754	ug/l	98
69) o-Xylene	12.400	106	64940	19.650	ug/l	98
70) Styrene	12.412	104	118233	21.799	ug/l	99
71) Bromoform	12.576	173	26404	21.836	ug/l #	98
73) Isopropylbenzene	12.694	105	167540	19.074	ug/l	99
74) N-amyl acetate	12.494	43	82901	22.122	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	53083	20.569	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	38547m	16.827	ug/l	
77) Bromobenzene	12.982	156	37690	17.826	ug/l	96
78) n-propylbenzene	13.035	91	186852	18.284	ug/l	99
79) 2-Chlorotoluene	13.124	91	121312	18.613	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	142173	19.199	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	17788	20.337	ug/l #	84
82) 4-Chlorotoluene	13.218	91	121550	18.584	ug/l	99
83) tert-Butylbenzene	13.435	119	123574	19.073	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	148625	19.980	ug/l	99
85) sec-Butylbenzene	13.618	105	161062	18.745	ug/l	100
86) p-Isopropyltoluene	13.729	119	133369	18.516	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	71069	17.811	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	73766	18.257	ug/l	98
89) n-Butylbenzene	14.053	91	115271	17.825	ug/l	98
90) Hexachloroethane	14.335	117	26342	18.193	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	74659	19.387	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.718	75	12250	23.812	ug/l	99
93) 1,2,4-Trichlorobenzene	15.388	180	38273	18.521	ug/l	97
94) Hexachlorobutadiene	15.500	225	18098	20.622	ug/l	96
95) Naphthalene	15.641	128	133204	21.187	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	33979	17.205	ug/l	97

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ClientSampleId :
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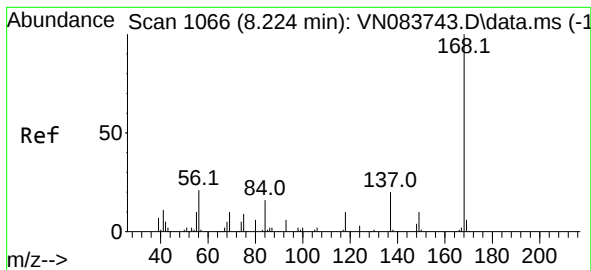
Manual Integrations
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Quant Time: Sep 12 17:33:49 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration

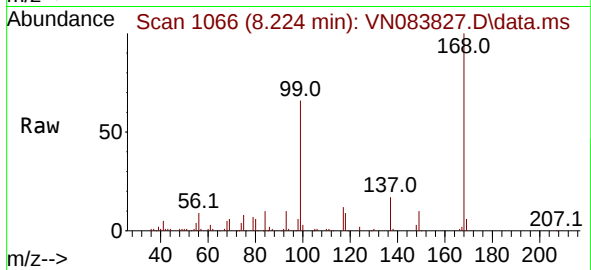
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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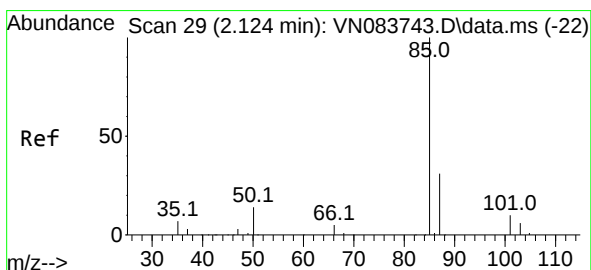
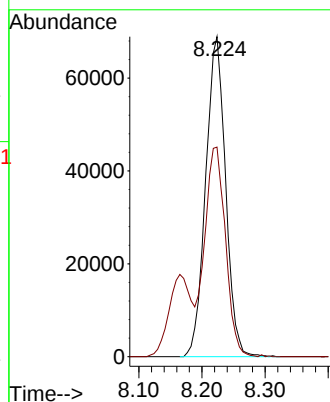
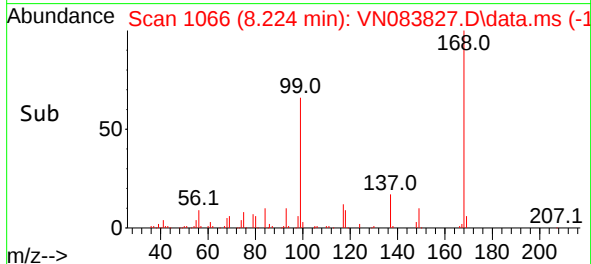
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS02



Tgt Ion:168 Resp: 150814
Ion Ratio Lower Upper
168 100
99 65.5 54.2 81.2

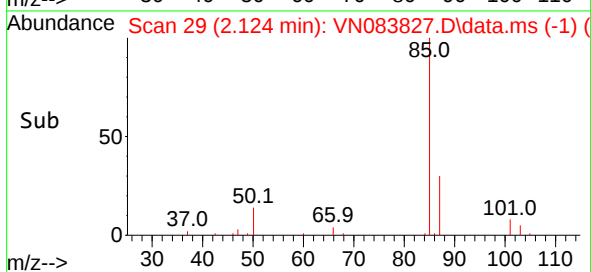
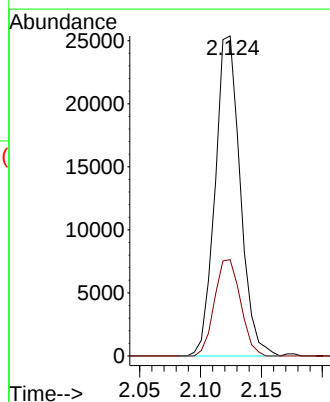
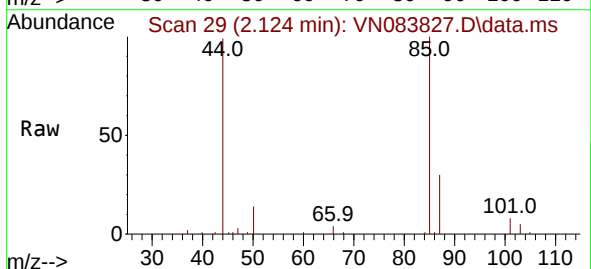
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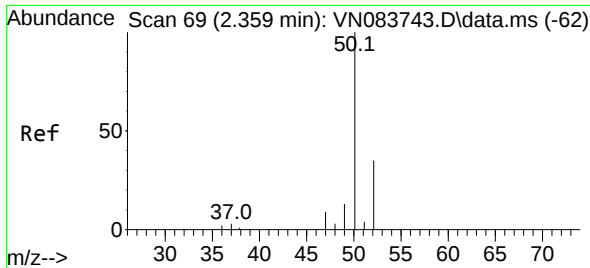
Reviewed By :John Carlone 09/13/2024
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#2
Dichlorodifluoromethane
Concen: 20.805 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN083827.D
Acq: 12 Sep 2024 13:19

Tgt Ion: 85 Resp: 36439
Ion Ratio Lower Upper
85 100
87 30.1 15.7 47.0





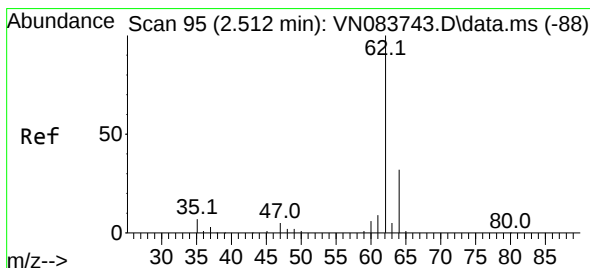
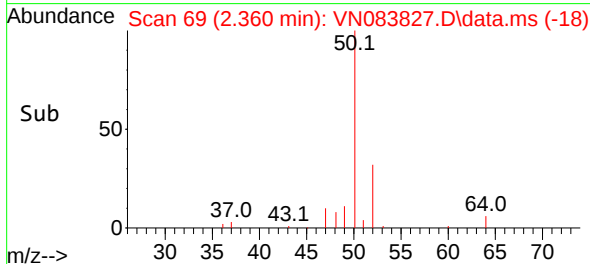
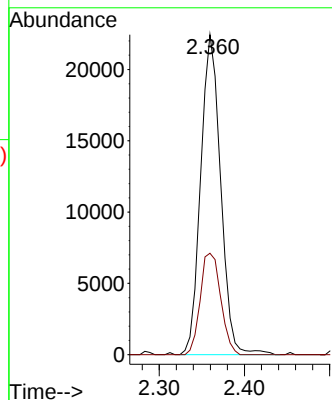
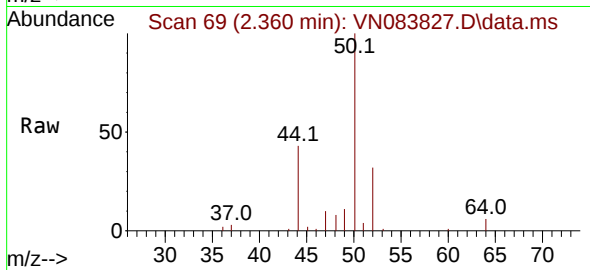
#3
Chloromethane
Concen: 19.275 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.001 min
Lab File: VN083827.D
Acq: 12 Sep 2024 13:19

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Tgt Ion: 50 Resp: 3650
Ion Ratio Lower Upper
50 100
52 31.7 27.2 40.8

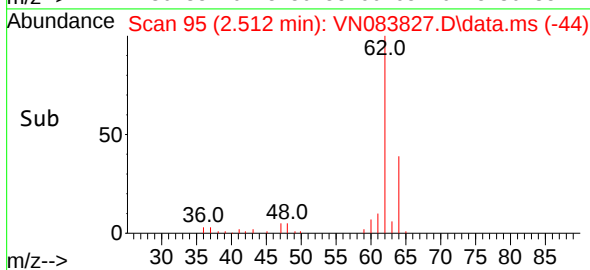
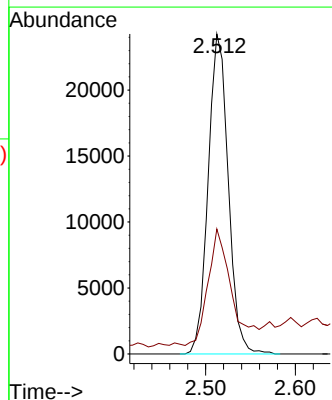
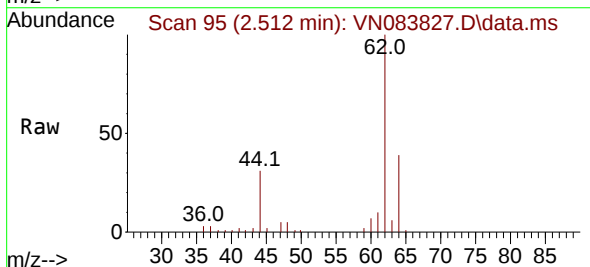
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#4
Vinyl Chloride
Concen: 19.648 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN083827.D
Acq: 12 Sep 2024 13:19

Tgt Ion: 62 Resp: 37719
Ion Ratio Lower Upper
62 100
64 36.0 24.7 37.1





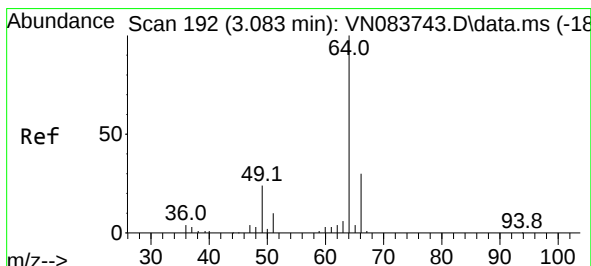
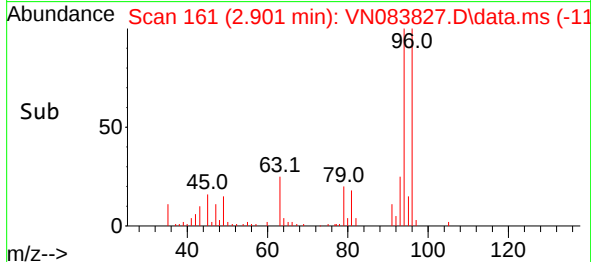
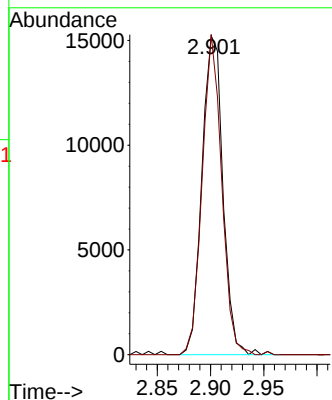
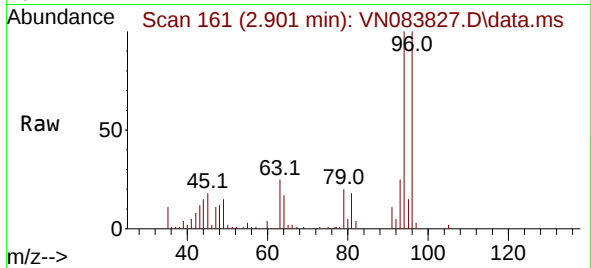
#5
Bromomethane
Concen: 18.988 ug/l
RT: 2.901 min Scan# 110
Delta R.T. -0.006 min
Lab File: VN083827.D
Acq: 12 Sep 2024 13:19

Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 20930
Ion Ratio Lower Upper
94 100
96 100.3 76.0 114.0

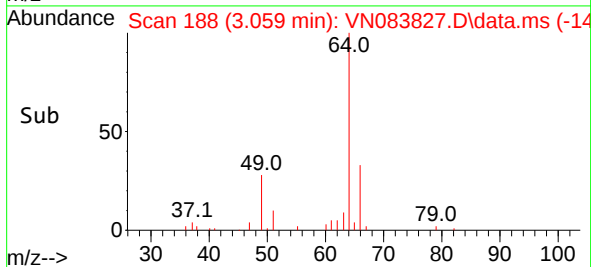
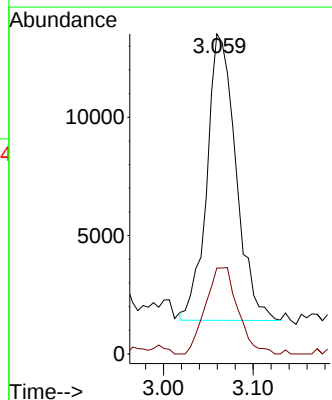
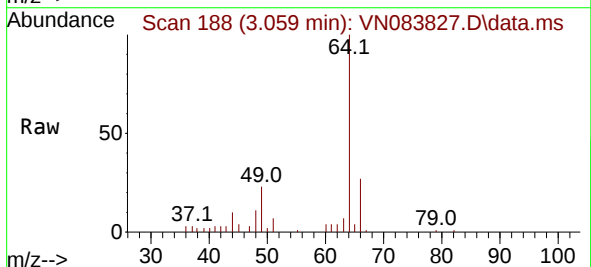
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#6
Chloroethane
Concen: 20.211 ug/l
RT: 3.059 min Scan# 188
Delta R.T. -0.024 min
Lab File: VN083827.D
Acq: 12 Sep 2024 13:19

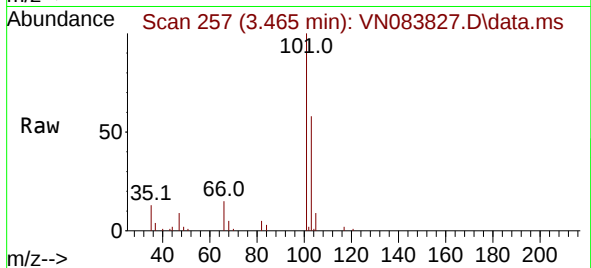
Tgt Ion: 64 Resp: 27217
Ion Ratio Lower Upper
64 100
66 30.0 23.9 35.9





#7
 Trichlorofluoromethane
 Concen: 19.915 ug/l
 RT: 3.465 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN083827.D
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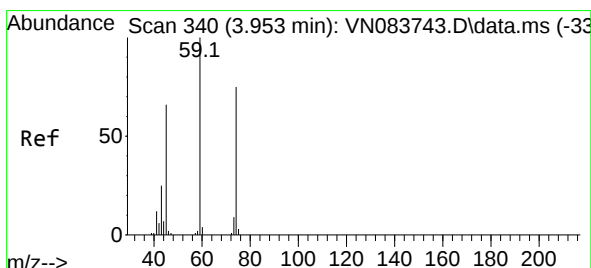
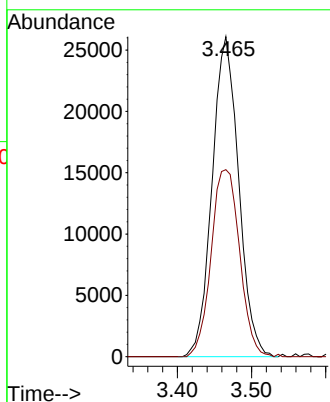
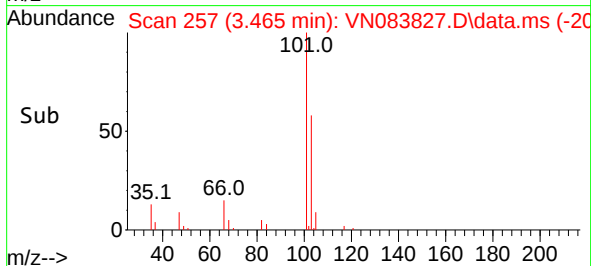
Instrument :
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Tgt Ion:101 Resp: 64898
 Ion Ratio Lower Upper
 101 100
 103 58.5 51.4 77.0

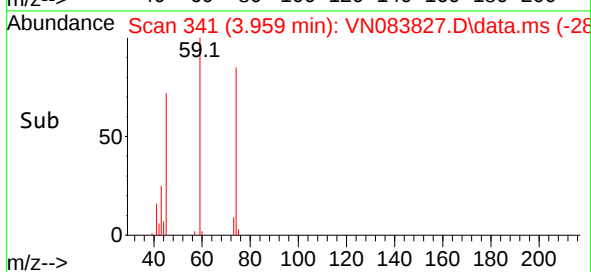
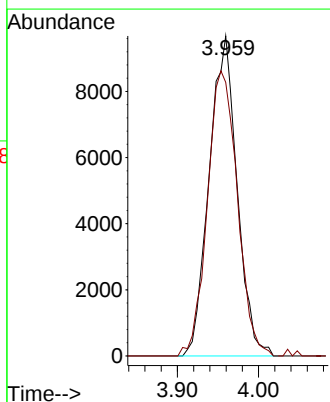
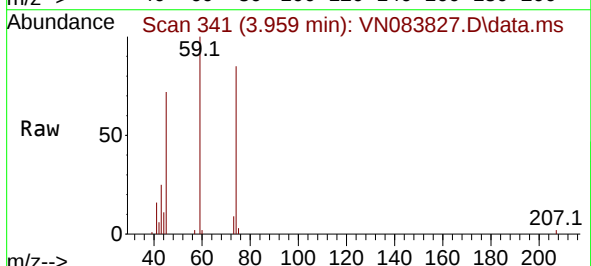
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#8
 Diethyl Ether
 Concen: 21.175 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN083827.D
 Acq: 12 Sep 2024 13:19

Tgt Ion: 74 Resp: 23130
 Ion Ratio Lower Upper
 74 100
 45 95.5 46.7 140.1





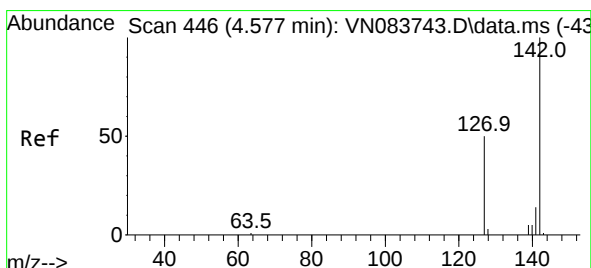
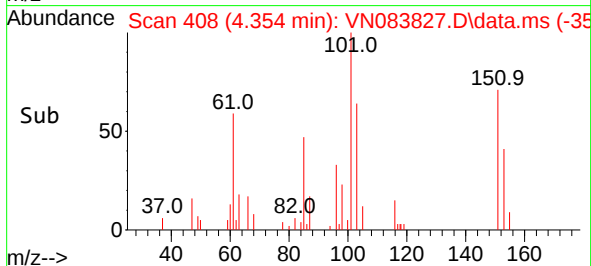
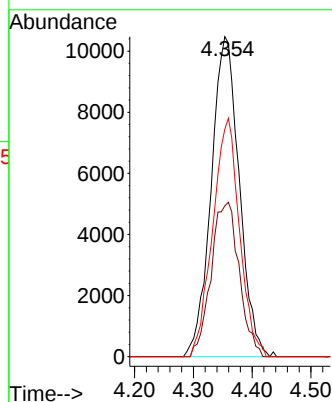
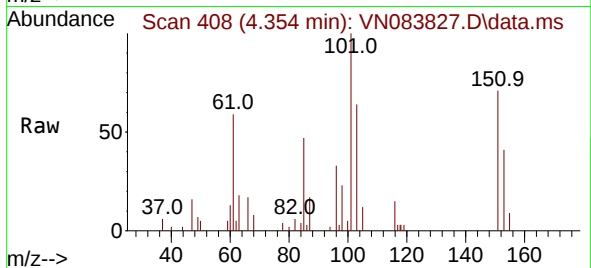
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.064 ug/l
RT: 4.354 min Scan# 408
Delta R.T. 0.000 min
Lab File: VN083827.D
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Tgt Ion:101 Resp: 34650
Ion Ratio Lower Upper
101 100
85 48.4 36.2 54.4
151 71.2 57.7 86.5

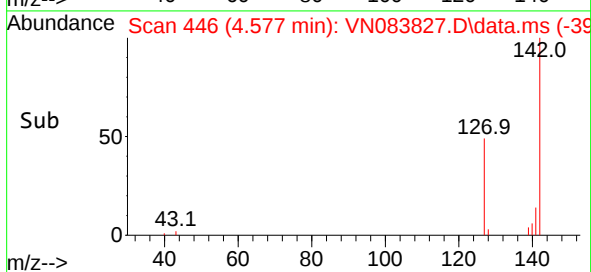
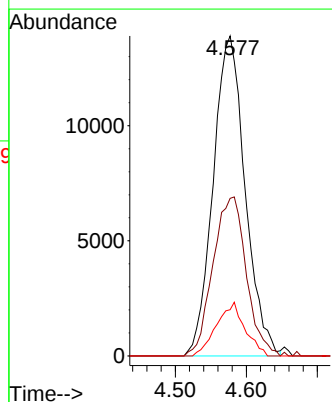
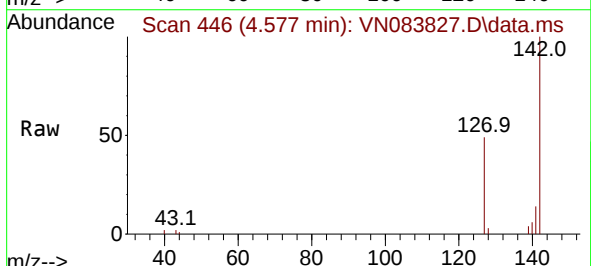
Manual Integrations
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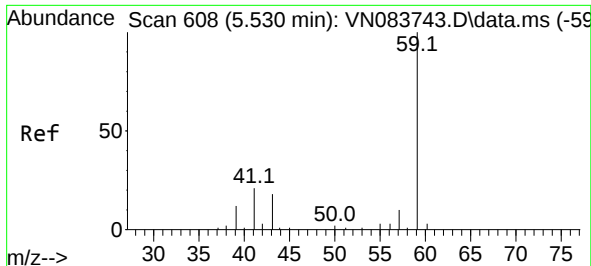
Reviewed By :John Carbone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#10
Methyl Iodide
Concen: 19.793 ug/l
RT: 4.577 min Scan# 446
Delta R.T. 0.000 min
Lab File: VN083827.D
Acq: 12 Sep 2024 13:19

Tgt Ion:142 Resp: 43479
Ion Ratio Lower Upper
142 100
127 49.2 37.5 56.3
141 14.4 11.0 16.4





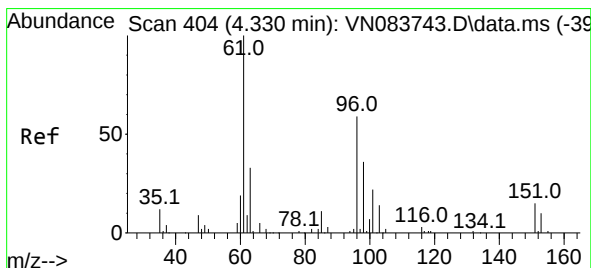
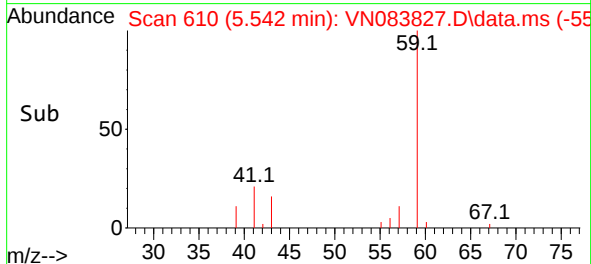
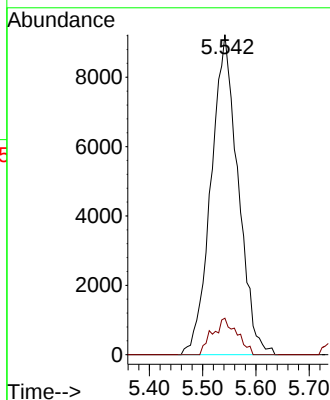
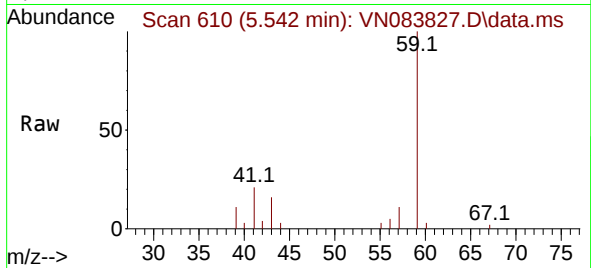
#11
Tert butyl alcohol
Concen: 106.874 ug/l
RT: 5.542 min Scan# 610
Delta R.T. 0.012 min
Lab File: VN083827.D
Acq: 12 Sep 2024 13:19

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS02

Tgt Ion: 59 Resp: 3254
Ion Ratio Lower Upper
59 100
57 10.2 8.7 13.1

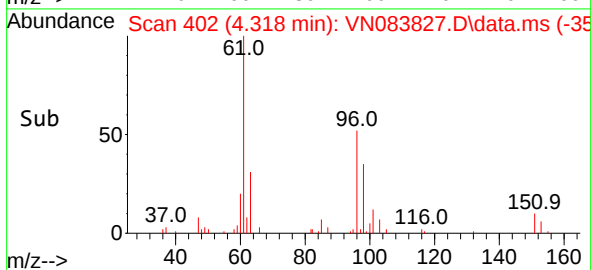
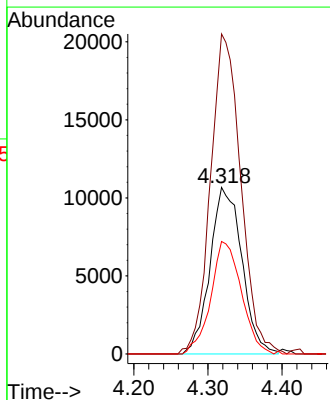
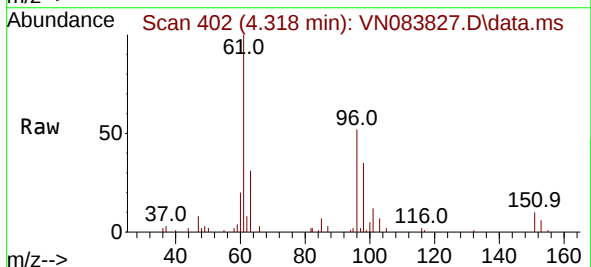
Manual Integrations
APPROVED

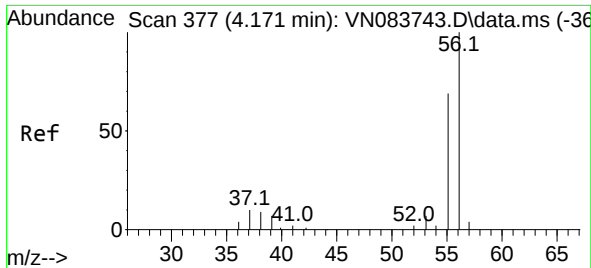
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#12
1,1-Dichloroethene
Concen: 19.517 ug/l
RT: 4.318 min Scan# 402
Delta R.T. -0.012 min
Lab File: VN083827.D
Acq: 12 Sep 2024 13:19

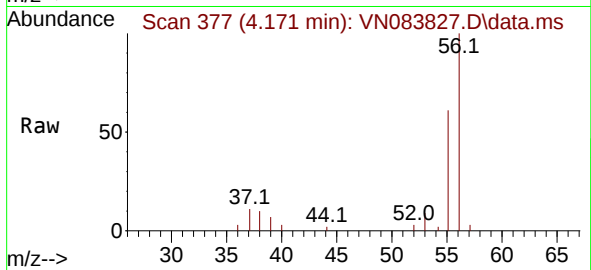
Tgt Ion: 96 Resp: 31837
Ion Ratio Lower Upper
96 100
61 192.2 143.4 215.0
98 67.6 52.7 79.1





#13
Acrolein
Concen: 119.990 ug/l
RT: 4.171 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN083827.D
Acq: 12 Sep 2024 13:19

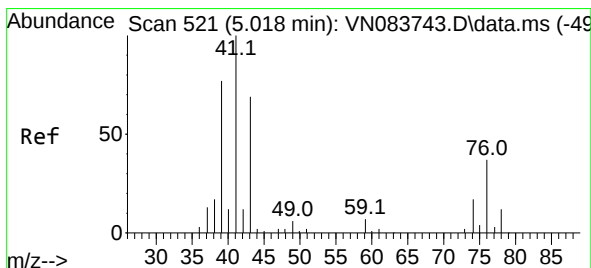
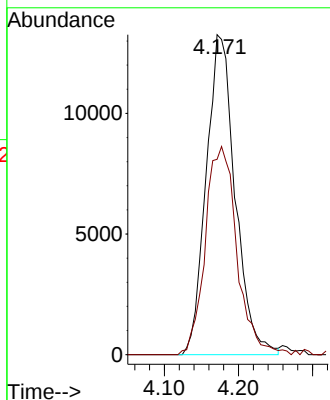
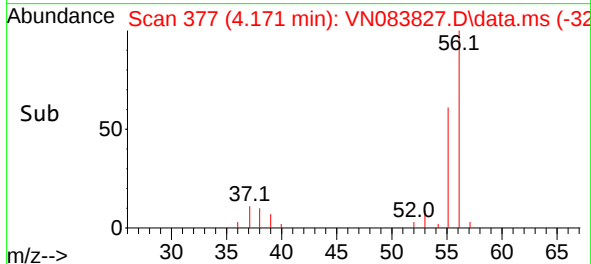
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS02



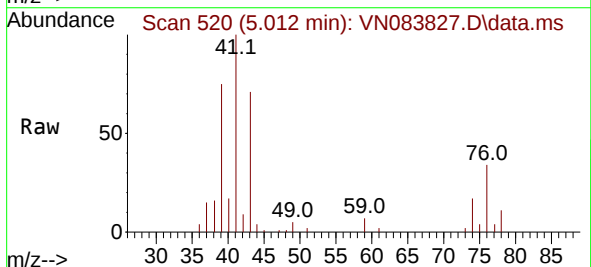
Tgt Ion: 56 Resp: 3605
Ion Ratio Lower Upper
56 100
55 70.7 58.2 87.2

Manual Integrations
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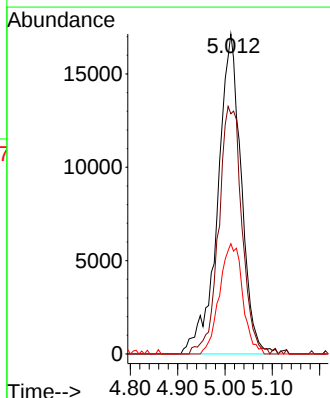
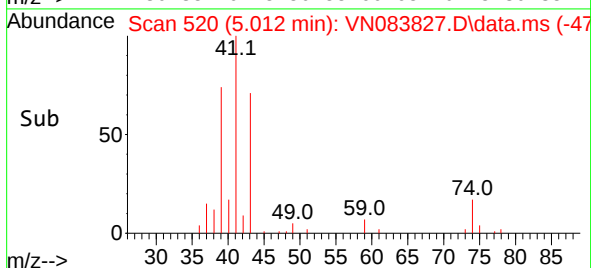
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#14
Allyl chloride
Concen: 20.369 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN083827.D
Acq: 12 Sep 2024 13:19



Tgt Ion: 41 Resp: 59204
Ion Ratio Lower Upper
41 100
39 76.4 59.3 88.9
76 33.8 27.7 41.5





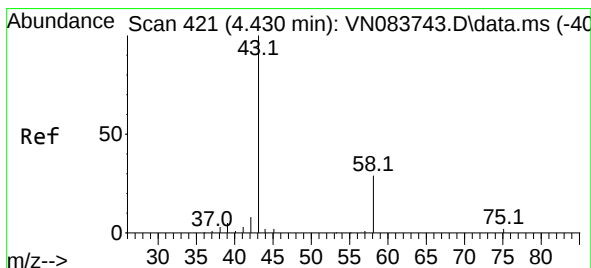
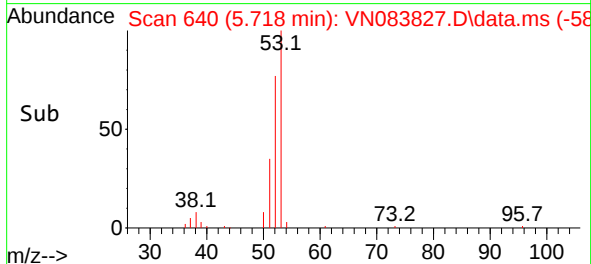
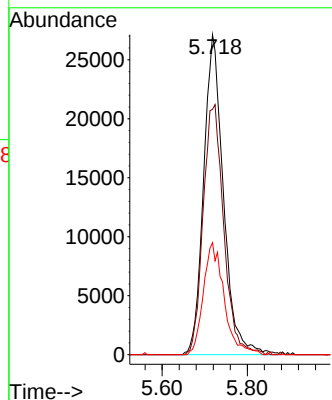
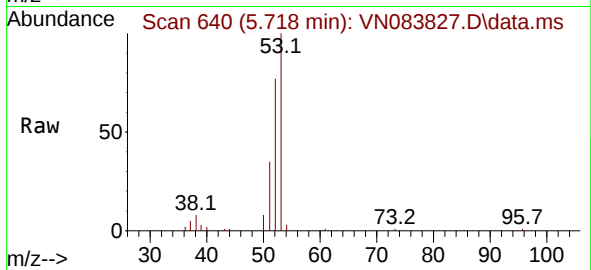
#15
Acrylonitrile
Concen: 105.673 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN083827.D
Acq: 12 Sep 2024 13:19

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS02

Tgt Ion: 53 Resp: 87512
Ion Ratio Lower Upper
53 100
52 81.4 66.1 99.1
51 36.8 29.6 44.4

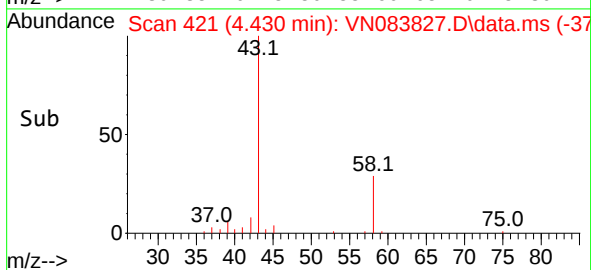
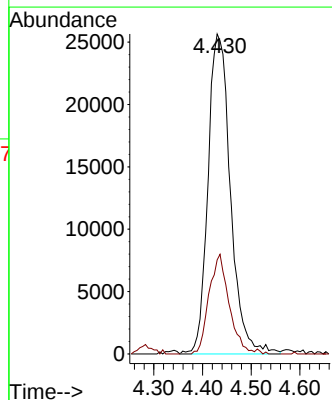
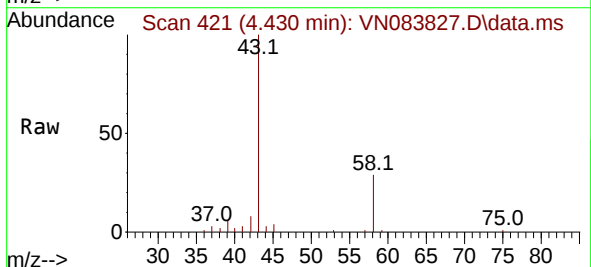
Manual Integrations
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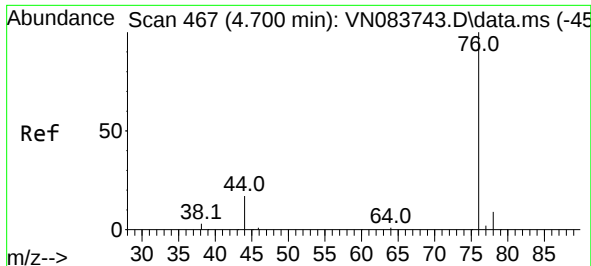
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#16
Acetone
Concen: 90.076 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.000 min
Lab File: VN083827.D
Acq: 12 Sep 2024 13:19

Tgt Ion: 43 Resp: 82115
Ion Ratio Lower Upper
43 100
58 29.4 23.7 35.5





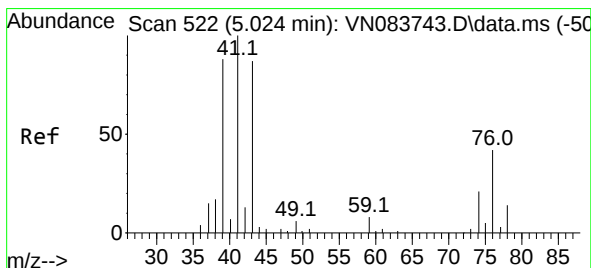
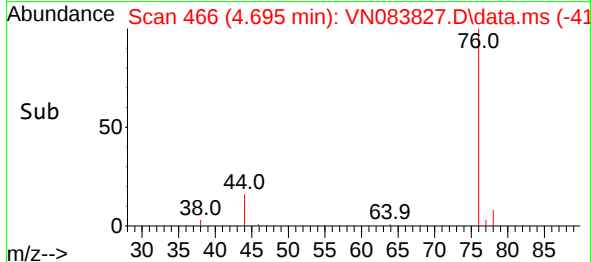
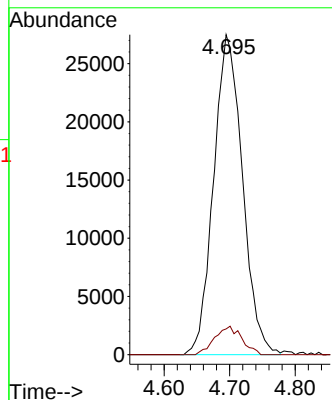
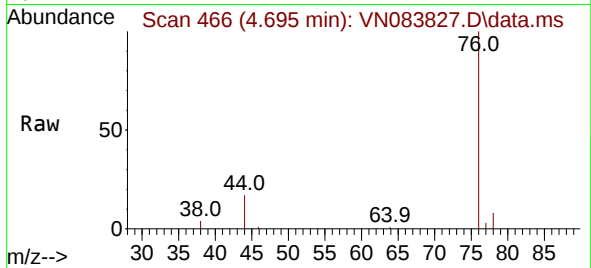
#17
Carbon Disulfide
Concen: 18.401 ug/l
RT: 4.695 min Scan# 466
Delta R.T. -0.006 min
Lab File: VN083827.D
Acq: 12 Sep 2024 13:19

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS02

Tgt Ion: 76 Resp: 83962
Ion Ratio Lower Upper
76 100
78 8.0 7.1 10.7

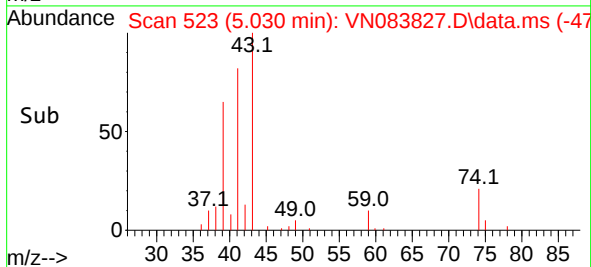
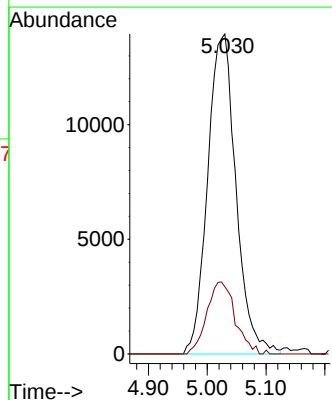
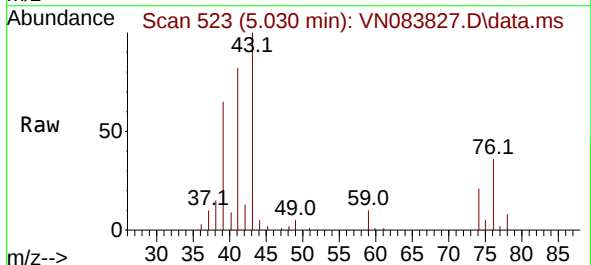
Manual Integrations
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Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#18
Methyl Acetate
Concen: 23.585 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN083827.D
Acq: 12 Sep 2024 13:19

Tgt Ion: 43 Resp: 46659
Ion Ratio Lower Upper
43 100
74 22.4 19.0 28.4





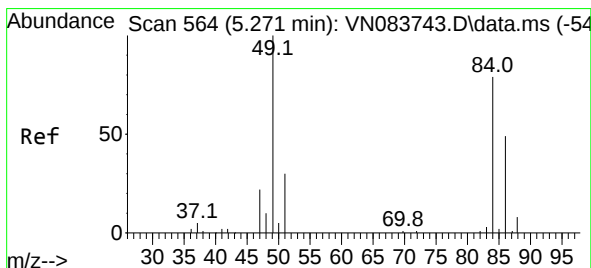
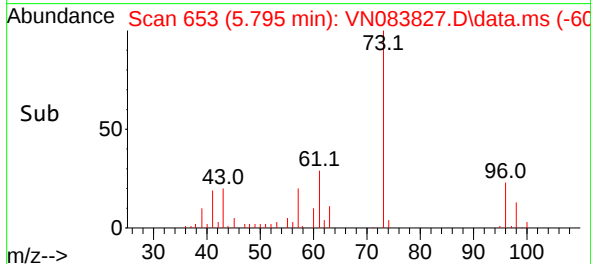
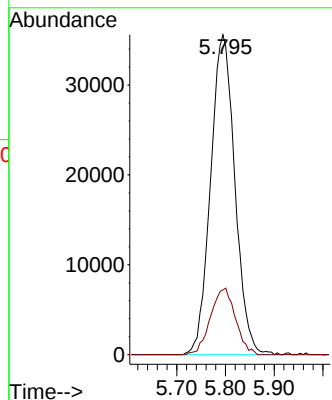
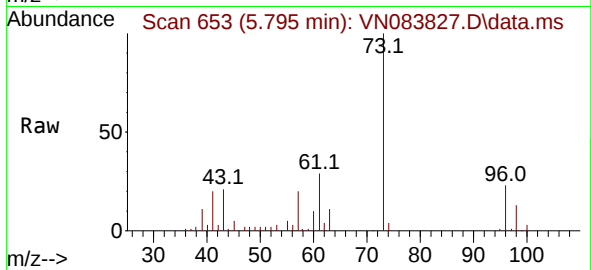
#19
Methyl tert-butyl Ether
Concen: 20.891 ug/l
RT: 5.795 min Scan# 612
Delta R.T. 0.006 min
Lab File: VN083827.D
Acq: 12 Sep 2024 13:19

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS02

Tgt Ion: 73 Resp: 123312
Ion Ratio Lower Upper
73 100
57 20.2 17.0 25.6

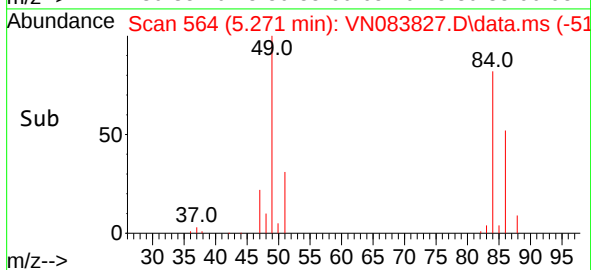
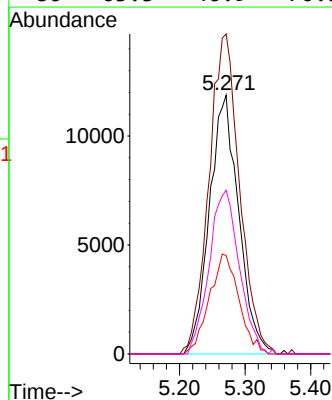
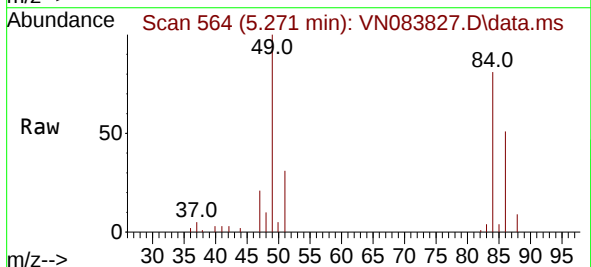
Manual Integrations
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Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#20
Methylene Chloride
Concen: 19.720 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN083827.D
Acq: 12 Sep 2024 13:19

Tgt Ion: 84 Resp: 36787
Ion Ratio Lower Upper
84 100
49 123.7 93.4 140.0
51 38.1 29.2 43.8
86 63.3 46.9 70.3





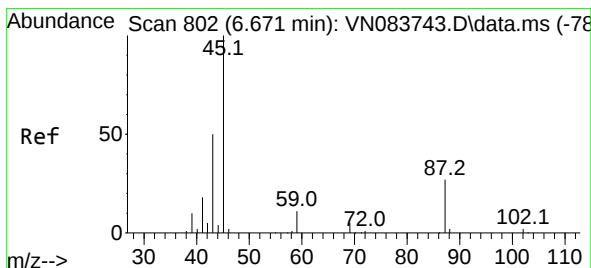
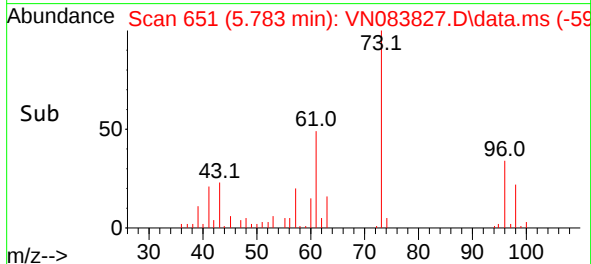
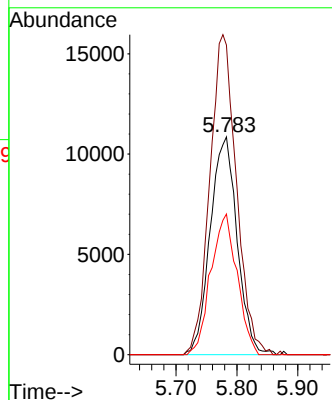
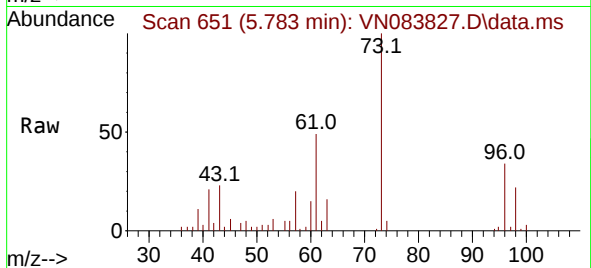
#21
trans-1,2-Dichloroethene
Concen: 19.120 ug/l
RT: 5.783 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN083827.D
Acq: 12 Sep 2024 13:19

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS02

Tgt Ion: 96 Resp: 33424
Ion Ratio Lower Upper
96 100
61 142.2 106.0 159.0
98 64.6 52.2 78.2

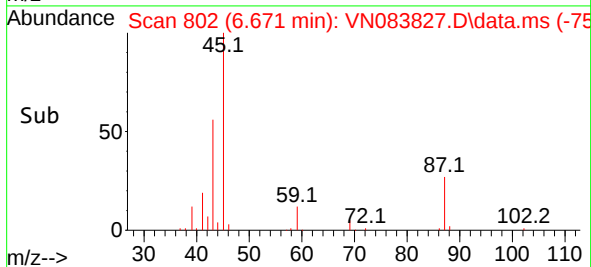
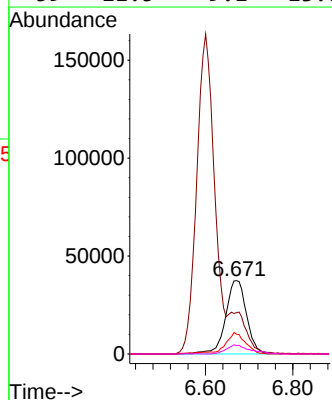
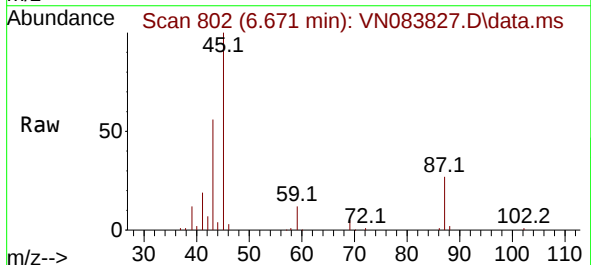
Manual Integrations
APPROVED

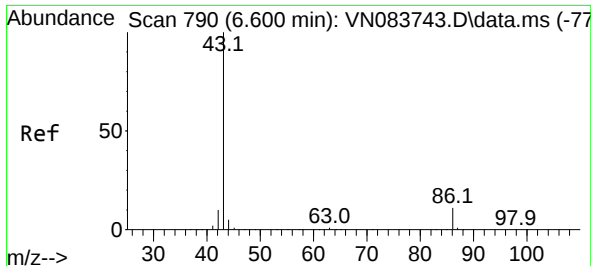
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#22
Diisopropyl ether
Concen: 20.740 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN083827.D
Acq: 12 Sep 2024 13:19

Tgt Ion: 45 Resp: 124093
Ion Ratio Lower Upper
45 100
43 55.5 43.4 65.0
87 26.9 22.6 33.8
59 11.5 9.1 13.7





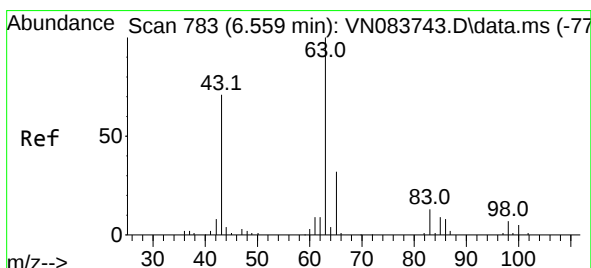
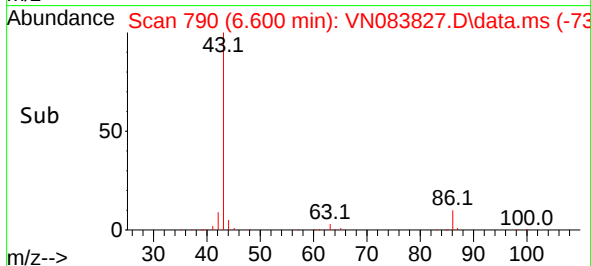
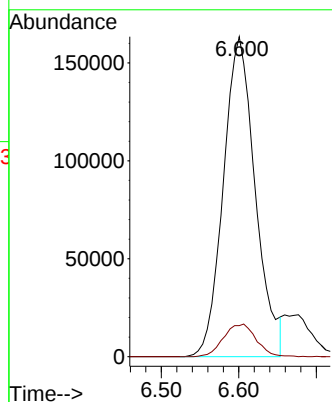
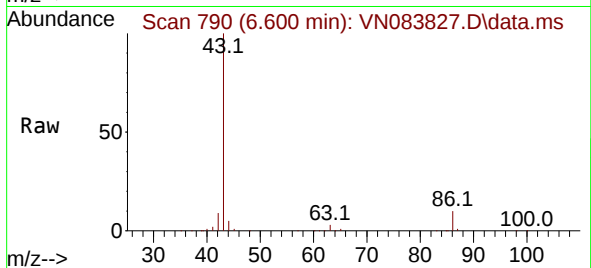
#23
 Vinyl Acetate
 Concen: 106.902 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN083827.D
 Acq: 12 Sep 2024 13:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBS02

Tgt Ion: 43 Resp: 46841
 Ion Ratio Lower Upper
 43 100
 86 9.7 8.7 13.1

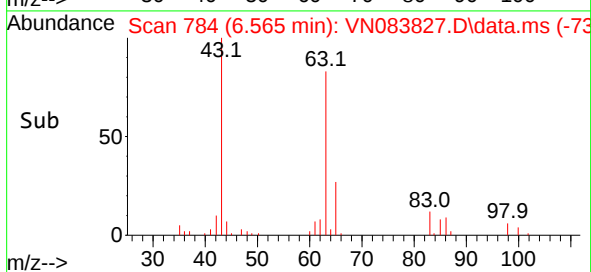
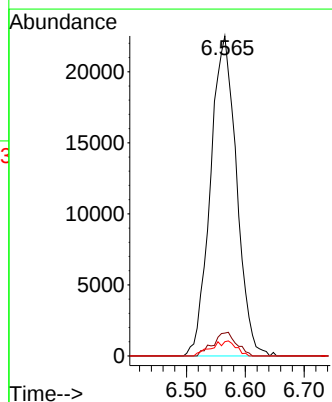
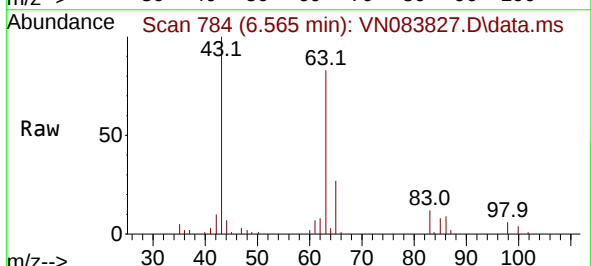
Manual Integrations
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Reviewed By :John Carlone 09/13/2024
 Supervised By :Mahesh Dadoda 09/13/2024



#24
 1,1-Dichloroethane
 Concen: 20.183 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.006 min
 Lab File: VN083827.D
 Acq: 12 Sep 2024 13:19

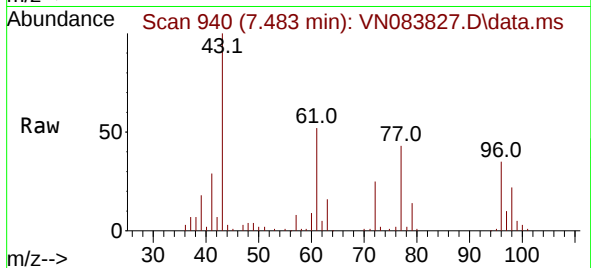
Tgt Ion: 63 Resp: 69573
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.5 10.4
 100 4.4 2.5 7.5





#25
2-Butanone
Concen: 101.692 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN083827.D
Acq: 12 Sep 2024 13:19

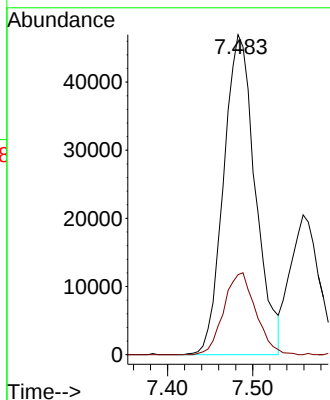
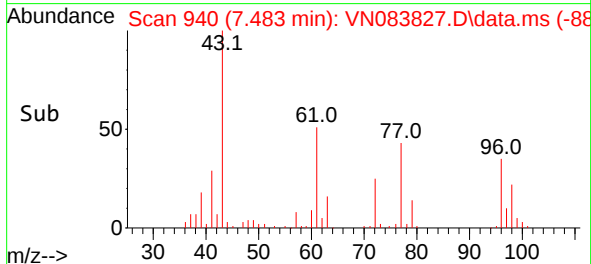
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS02



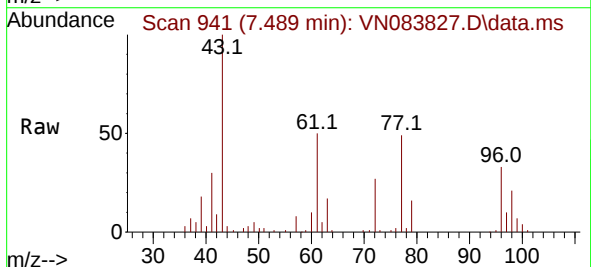
Tgt Ion: 43 Resp: 121845
Ion Ratio Lower Upper
43 100
72 25.0 20.8 31.2

Manual Integrations
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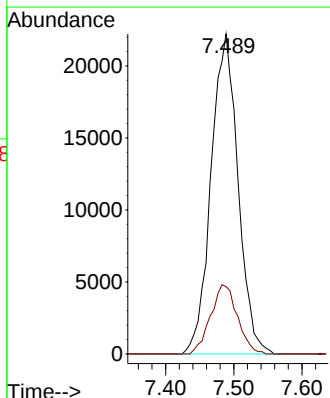
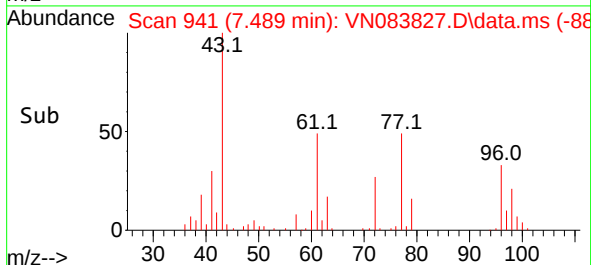
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#26
2,2-Dichloropropane
Concen: 19.247 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN083827.D
Acq: 12 Sep 2024 13:19



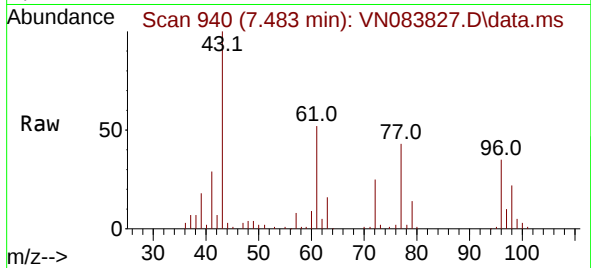
Tgt Ion: 77 Resp: 61101
Ion Ratio Lower Upper
77 100
97 21.5 10.2 30.4





#27
 cis-1,2-Dichloroethene
 Concen: 19.893 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN083827.D
 Acq: 12 Sep 2024 13:19

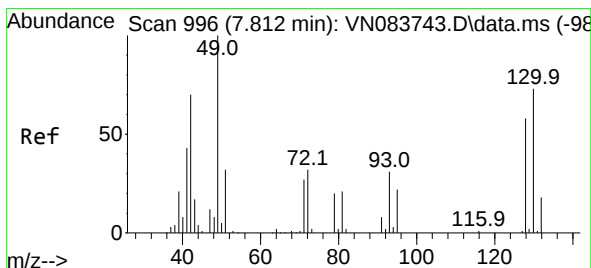
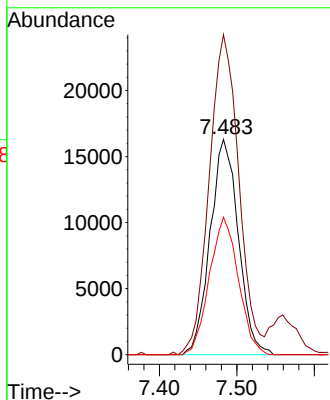
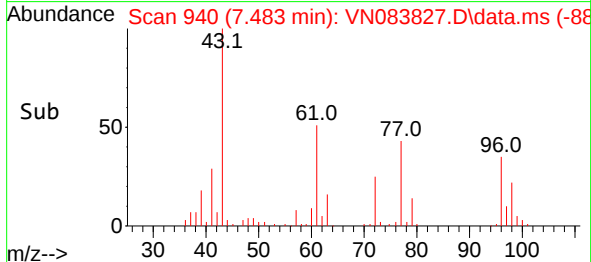
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBS02



Tgt Ion: 96 Resp: 4128
 Ion Ratio Lower Upper
 96 100
 61 156.3 0.0 306.2
 98 65.5 0.0 128.6

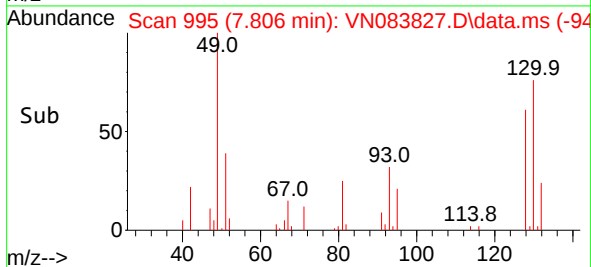
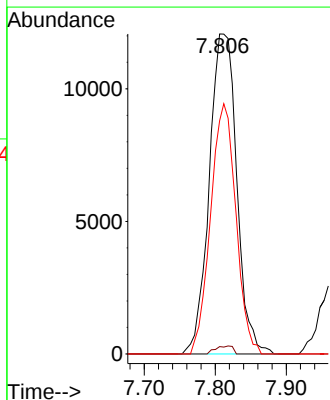
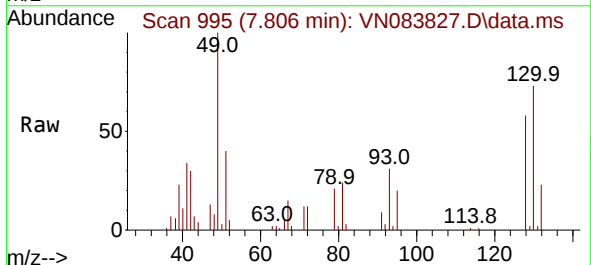
Manual Integrations
 APPROVED

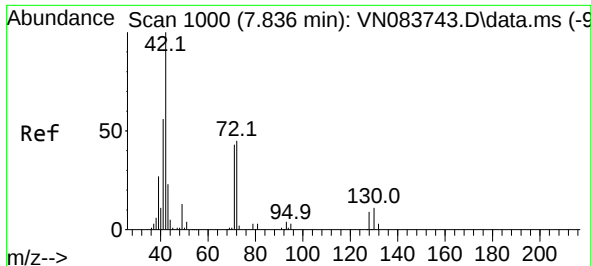
Reviewed By :John Carlone 09/13/2024
 Supervised By :Mahesh Dadoda 09/13/2024



#28
 Bromochloromethane
 Concen: 22.335 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. -0.006 min
 Lab File: VN083827.D
 Acq: 12 Sep 2024 13:19

Tgt Ion: 49 Resp: 32423
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 3.4
 130 72.0 60.2 90.2





#29

Tetrahydrofuran

Concen: 109.214 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN083827.D

Acq: 12 Sep 2024 13:19

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBS02

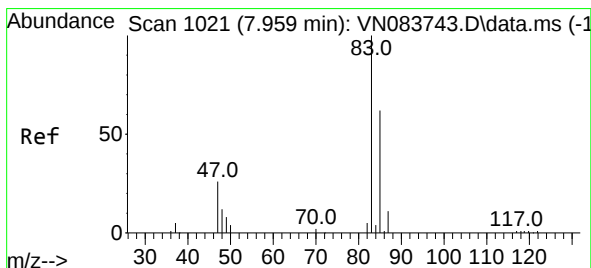
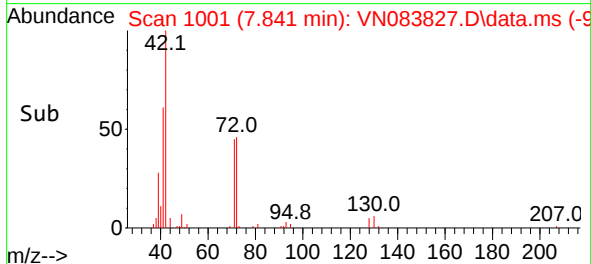
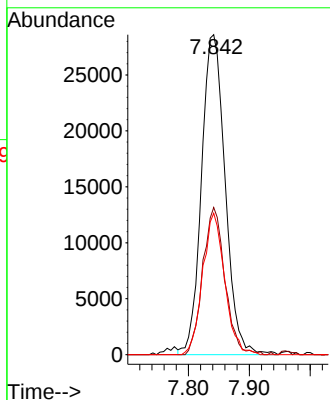
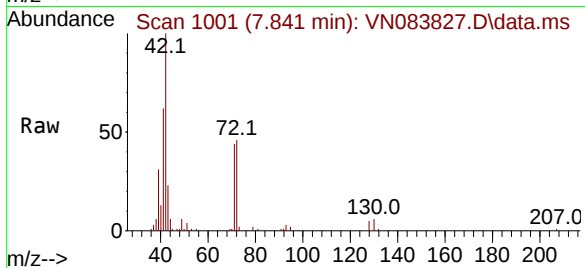
Tgt Ion:	42	Resp:	77375
Ion Ratio	Lower	Upper	
42	100		
72	43.0	35.9	53.9
71	41.3	33.9	50.9

Manual Integrations

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Reviewed By :John Carlone 09/13/2024

Supervised By :Mahesh Dadoda 09/13/2024



#30

Chloroform

Concen: 20.380 ug/l

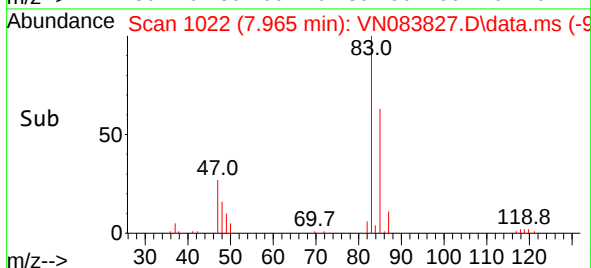
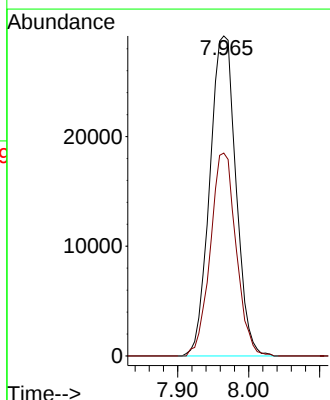
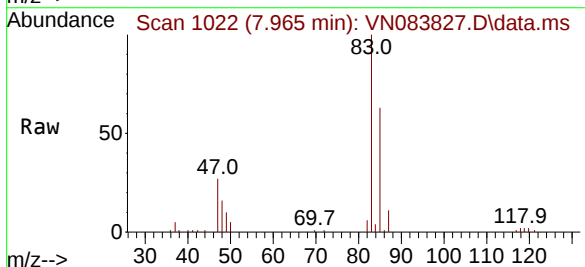
RT: 7.965 min Scan# 1022

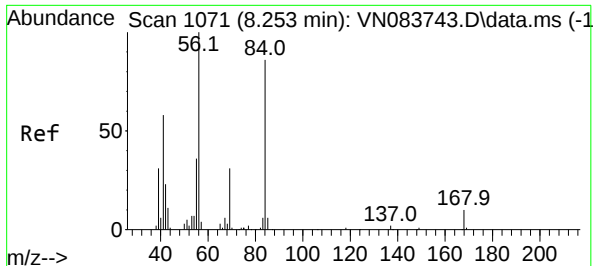
Delta R.T. 0.006 min

Lab File: VN083827.D

Acq: 12 Sep 2024 13:19

Tgt Ion:	83	Resp:	74584
Ion Ratio	Lower	Upper	
83	100		
85	63.4	52.8	79.2





#31

Cyclohexane

Concen: 18.788 ug/l

RT: 8.247 min Scan# 1071

Delta R.T. -0.006 min

Lab File: VN083827.D

Acq: 12 Sep 2024 13:19

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBS02

Tgt Ion: 56 Resp: 61749

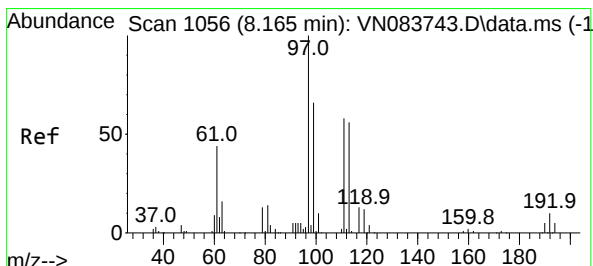
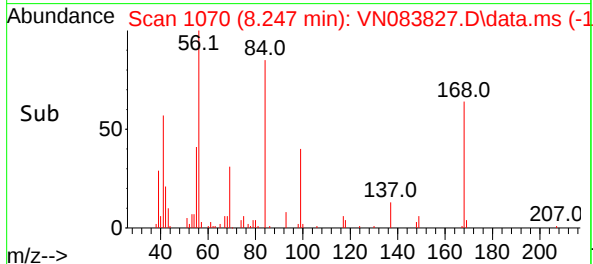
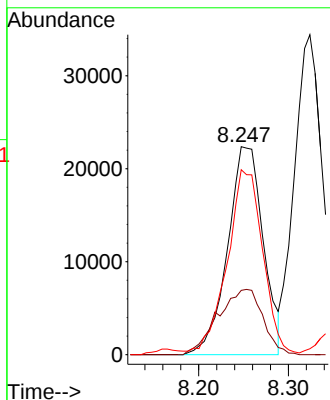
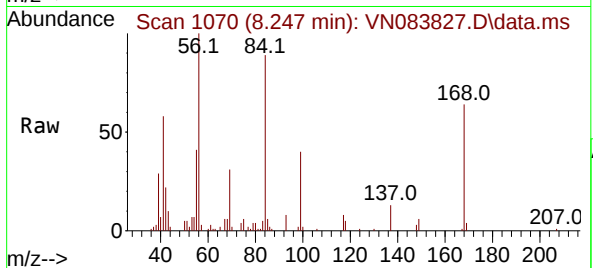
Ion	Ratio	Lower	Upper
56	100		
69	31.0	26.9	40.3
84	87.1	69.2	103.8

Manual Integrations

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Reviewed By :John Carlone 09/13/2024

Supervised By :Mahesh Dadoda 09/13/2024



#32

1,1,1-Trichloroethane

Concen: 20.381 ug/l

RT: 8.165 min Scan# 1056

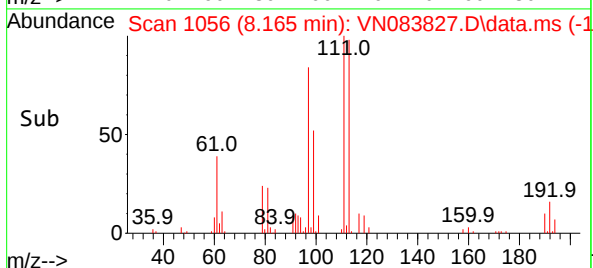
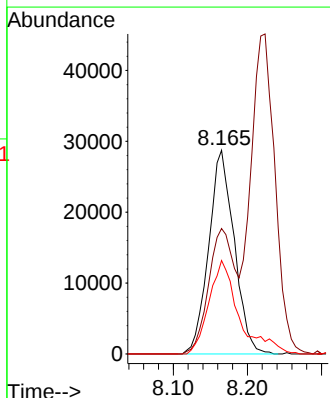
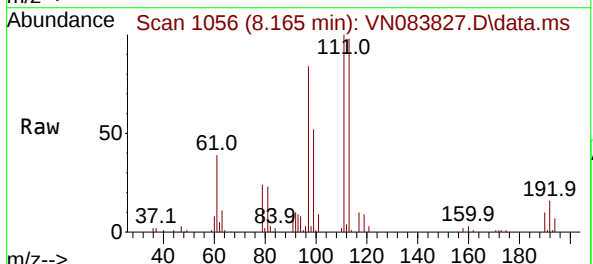
Delta R.T. 0.000 min

Lab File: VN083827.D

Acq: 12 Sep 2024 13:19

Tgt Ion: 97 Resp: 68583

Ion	Ratio	Lower	Upper
97	100		
99	63.6	52.3	78.5
61	54.2	38.2	57.2





#33

1,2-Dichloroethane-d4

Concen: 48.924 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN083827.D

Acq: 12 Sep 2024 13:19

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBS02

Tgt Ion: 65 Resp: 111250

Ion Ratio Lower Upper

65 100

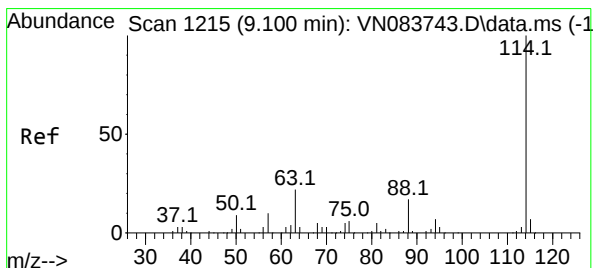
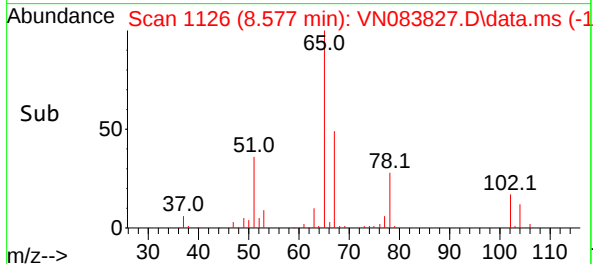
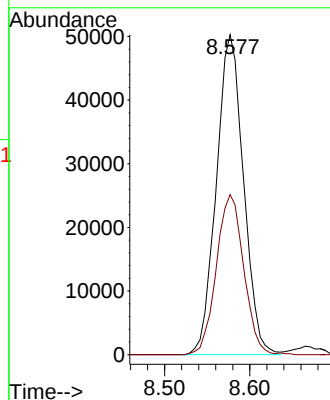
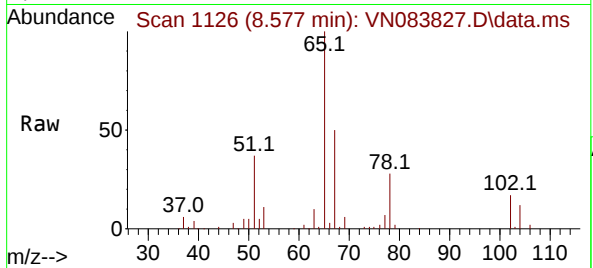
67 50.4 0.0 100.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2024

Supervised By :Mahesh Dadoda 09/13/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN083827.D

Acq: 12 Sep 2024 13:19

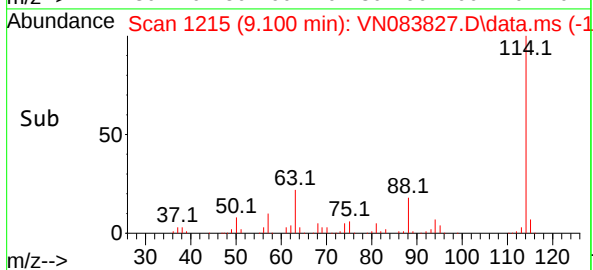
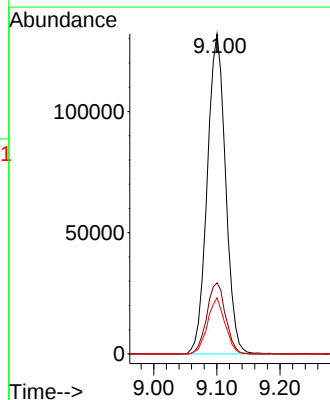
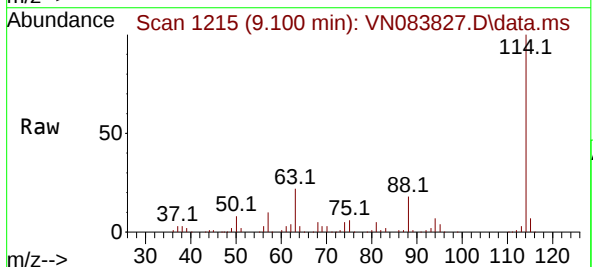
Tgt Ion:114 Resp: 266053

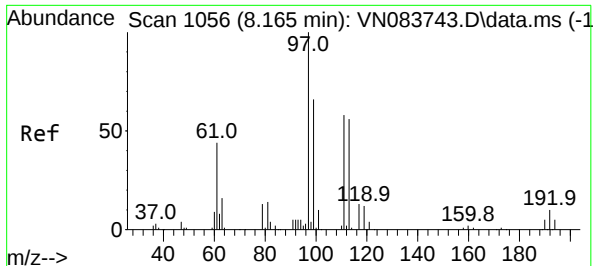
Ion Ratio Lower Upper

114 100

63 22.3 0.0 43.4

88 17.6 0.0 32.6





#35

Dibromofluoromethane

Concen: 46.428 ug/l

RT: 8.165 min Scan# 1090

Delta R.T. 0.000 min

Lab File: VN083827.D

Acq: 12 Sep 2024 13:19

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBS02

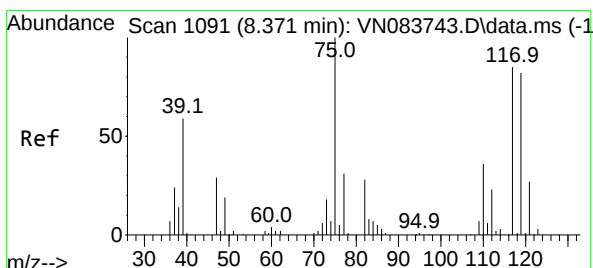
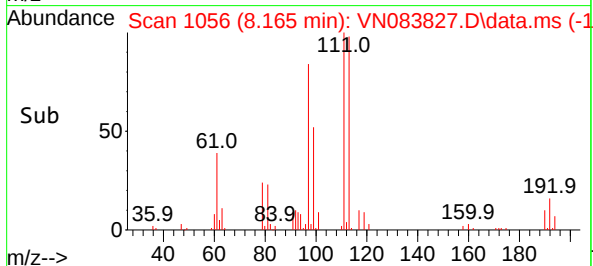
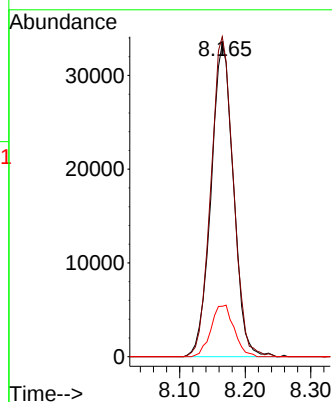
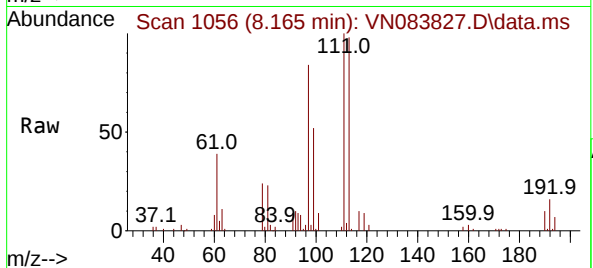
Tgt Ion:	113	Resp:	79078
Ion Ratio	Lower	Upper	
113	100		
111	102.4	82.6	124.0
192	16.9	14.3	21.5

Manual Integrations

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Reviewed By :John Carlone 09/13/2024

Supervised By :Mahesh Dadoda 09/13/2024



#36

1,1-Dichloropropene

Concen: 19.008 ug/l

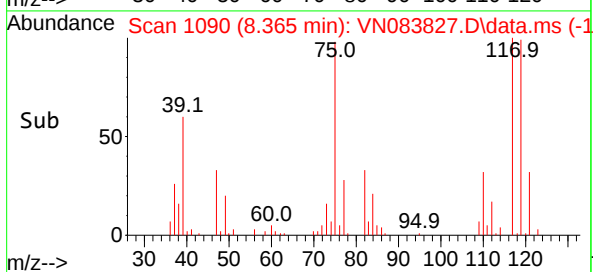
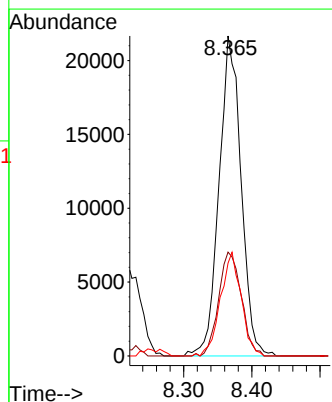
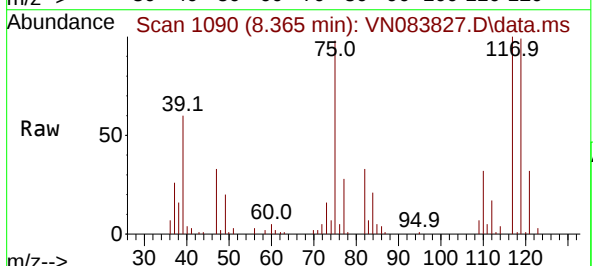
RT: 8.365 min Scan# 1090

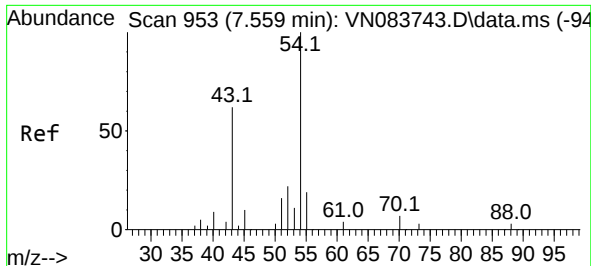
Delta R.T. -0.006 min

Lab File: VN083827.D

Acq: 12 Sep 2024 13:19

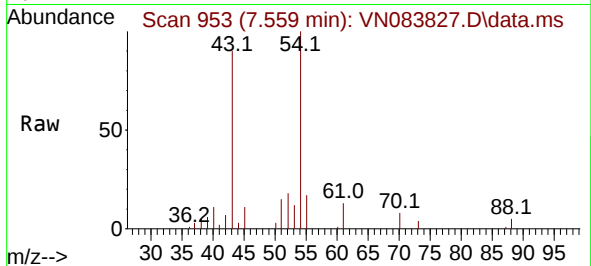
Tgt Ion:	75	Resp:	48729
Ion Ratio	Lower	Upper	
75	100		
110	33.5	16.7	50.1
77	30.6	25.2	37.8





#37
Ethyl Acetate
Concen: 21.967 ug/l
RT: 7.559 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN083827.D
Acq: 12 Sep 2024 13:19

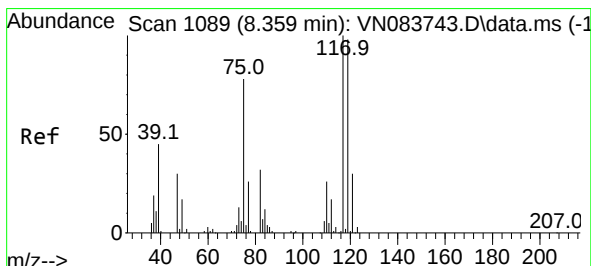
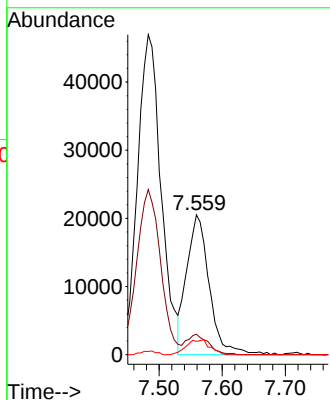
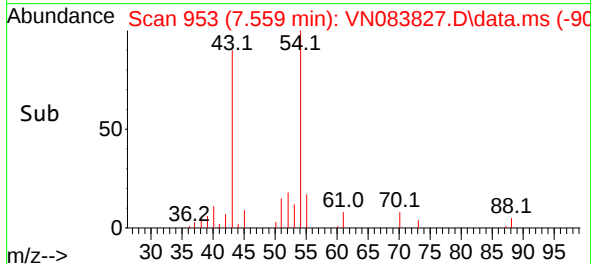
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS02



Tgt Ion: 43 Resp: 5111
Ion Ratio Lower Upper
43 100
61 13.9 11.1 16.7
70 10.9 8.8 13.2

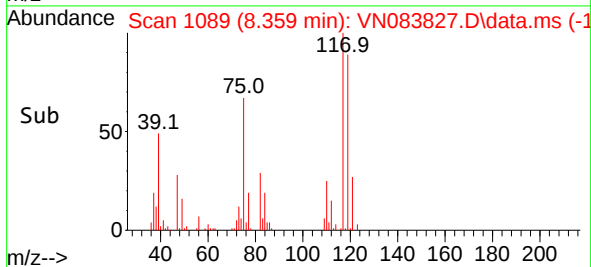
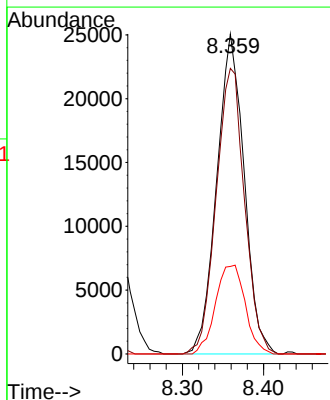
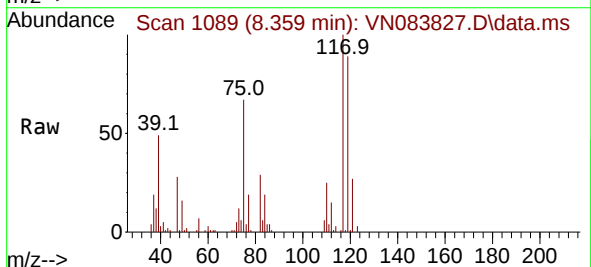
Manual Integrations
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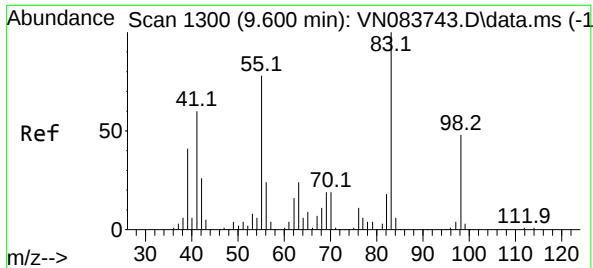
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#38
Carbon Tetrachloride
Concen: 20.174 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN083827.D
Acq: 12 Sep 2024 13:19

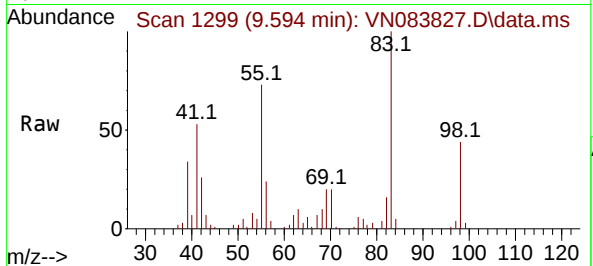
Tgt Ion:117 Resp: 58675
Ion Ratio Lower Upper
117 100
119 89.2 76.1 114.1
121 27.4 24.1 36.1





#39
Methylcyclohexane
Concen: 18.643 ug/l
RT: 9.594 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VN083827.D
Acq: 12 Sep 2024 13:19

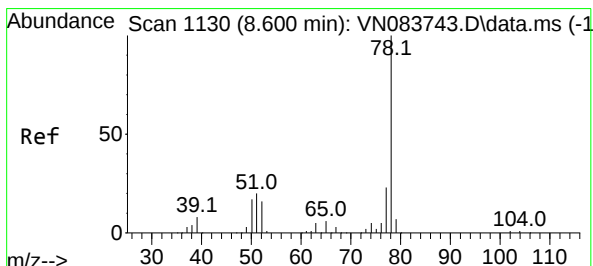
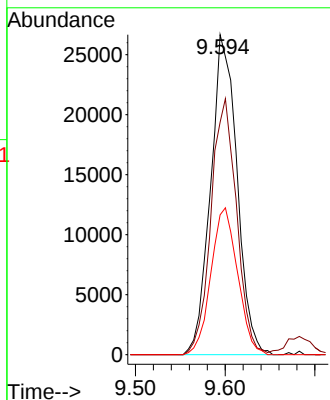
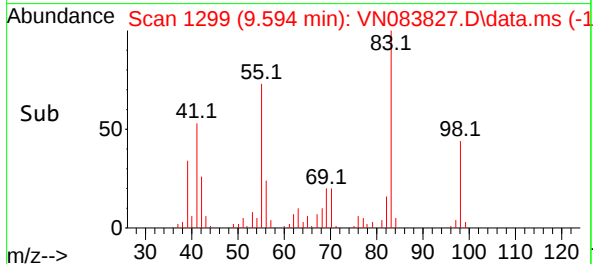
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS02



Tgt Ion: 83 Resp: 5440
Ion Ratio Lower Upper
83 100
55 72.6 62.2 93.4
98 43.7 37.6 56.4

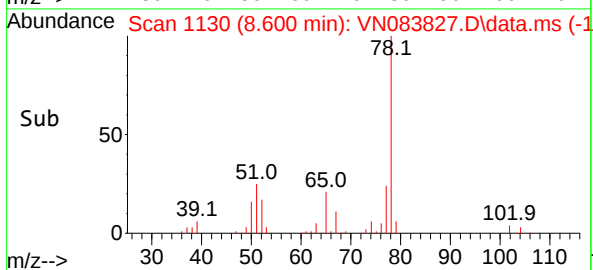
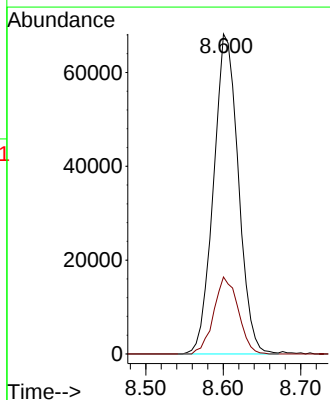
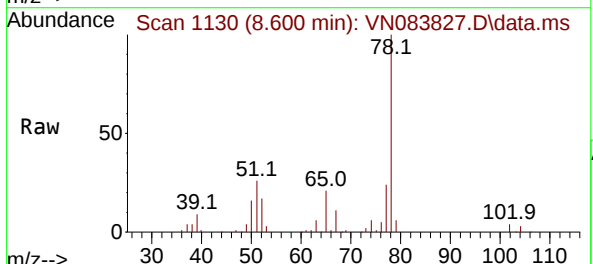
Manual Integrations
APPROVED

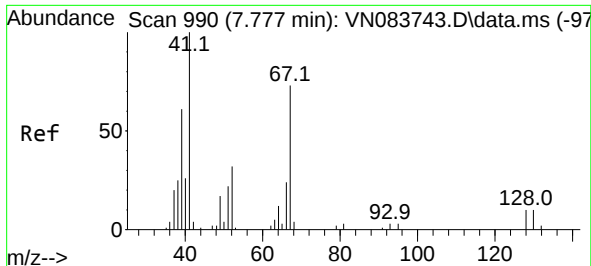
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#40
Benzene
Concen: 19.684 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN083827.D
Acq: 12 Sep 2024 13:19

Tgt Ion: 78 Resp: 151885
Ion Ratio Lower Upper
78 100
77 24.1 19.0 28.6





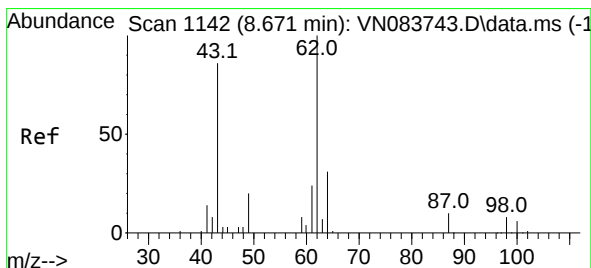
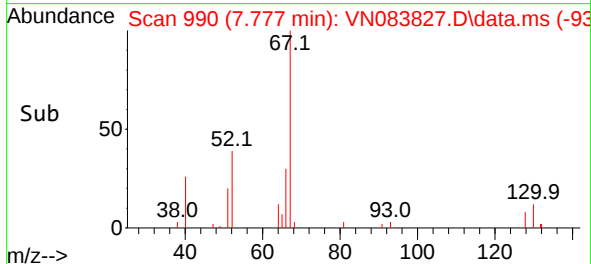
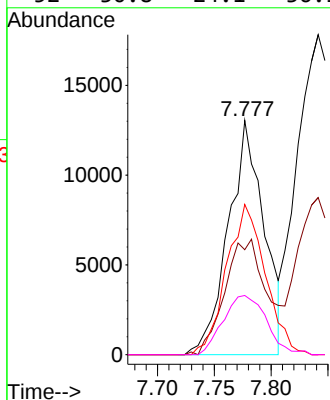
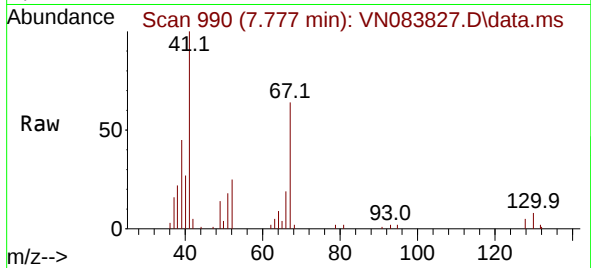
#41
Methacrylonitrile
Concen: 20.630 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN083827.D
Acq: 12 Sep 2024 13:19

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS02

Tgt Ion:	41	Resp:	2839
Ion Ratio	100	Lower	45.4
Upper	68.2	Lower	55.9
Upper	83.9	Lower	36.1
Upper	30.8	Lower	24.1

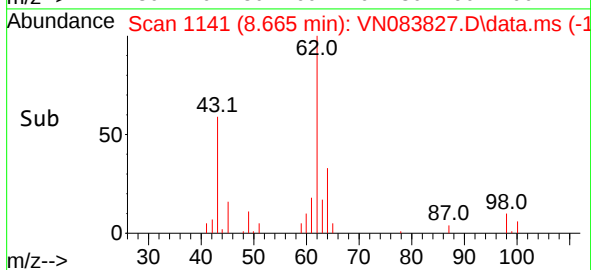
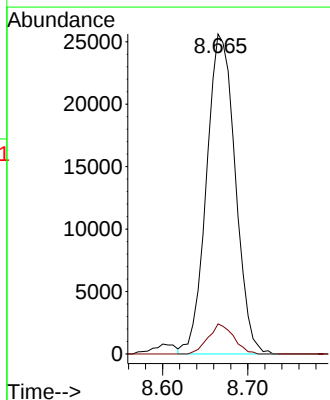
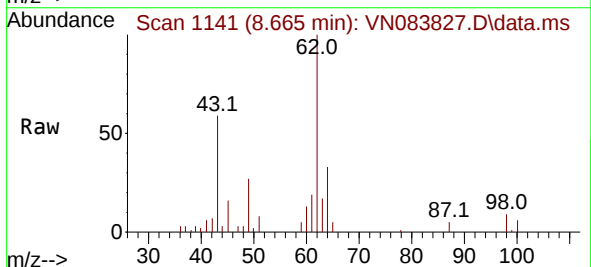
Manual Integrations
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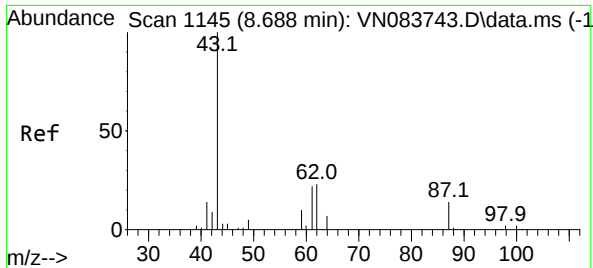
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#42
1,2-Dichloroethane
Concen: 20.806 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN083827.D
Acq: 12 Sep 2024 13:19

Tgt Ion:	62	Resp:	59988
Ion Ratio	100	Lower	0.0
Upper	16.6	Lower	8.3





#43

Isopropyl Acetate

Concen: 30.366 ug/l

RT: 8.689 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN083827.D

Acq: 12 Sep 2024 13:19

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBS02

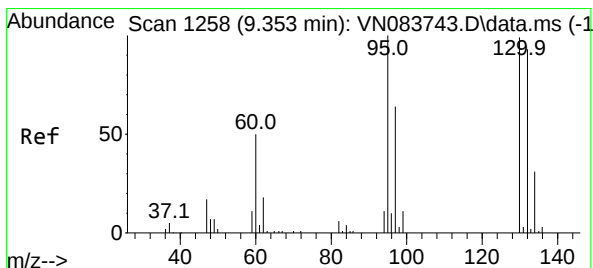
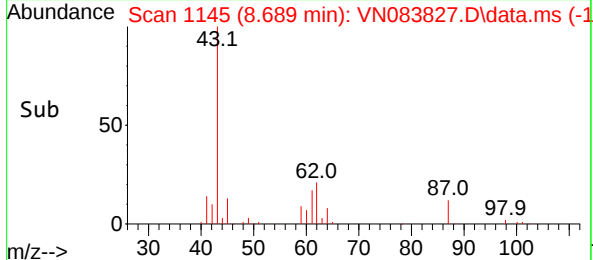
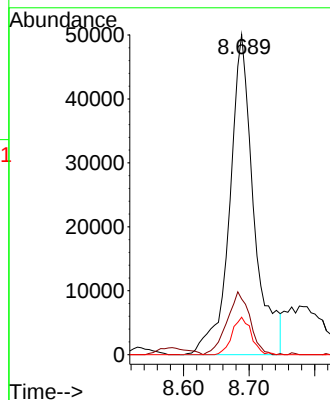
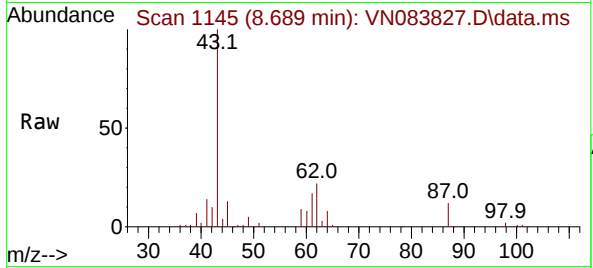
Tgt Ion: 43 Resp: 128050
 Ion Ratio Lower Upper
 43 100
 61 18.6 19.4 29.0
 87 9.3 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2024

Supervised By :Mahesh Dadoda 09/13/2024



#44

Trichloroethene

Concen: 19.989 ug/l

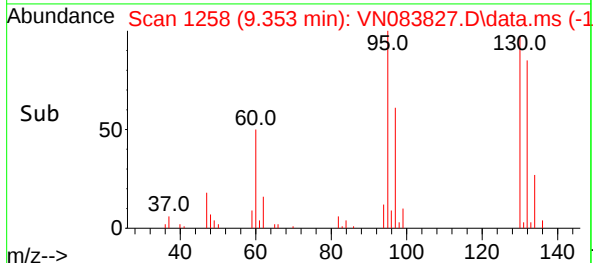
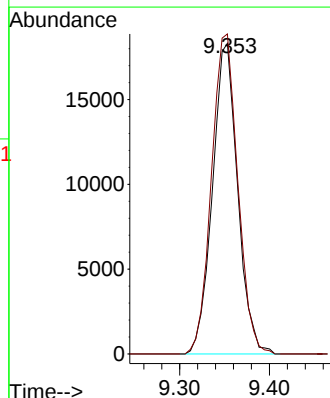
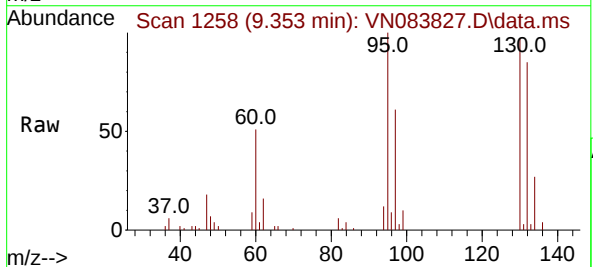
RT: 9.353 min Scan# 1258

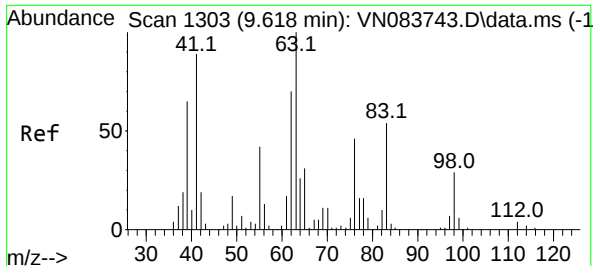
Delta R.T. 0.000 min

Lab File: VN083827.D

Acq: 12 Sep 2024 13:19

Tgt Ion:130 Resp: 35718
 Ion Ratio Lower Upper
 130 100
 95 103.1 0.0 200.4





#45

1,2-Dichloropropane

Concen: 19.801 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VN083827.D

Acq: 12 Sep 2024 13:19

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBS02

Tgt Ion: 63 Resp: 36928

Ion Ratio Lower Upper

63 100

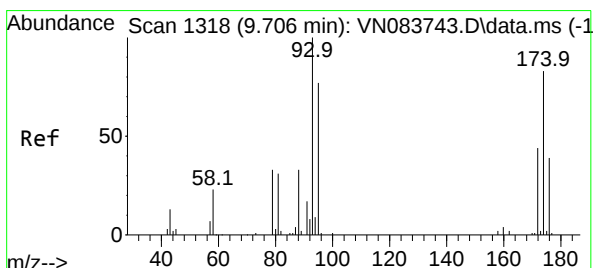
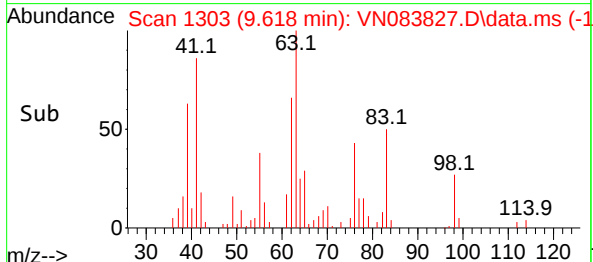
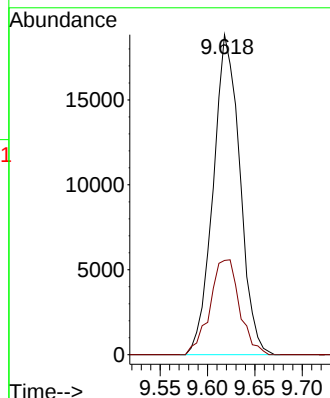
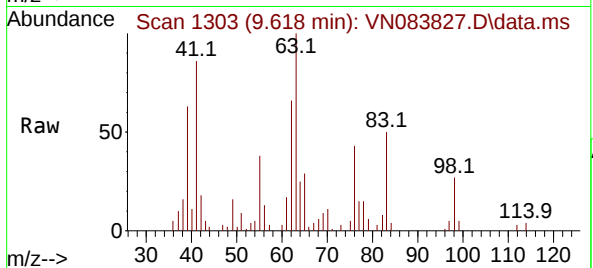
65 29.5 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2024

Supervised By :Mahesh Dadoda 09/13/2024



#46

Dibromomethane

Concen: 21.010 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN083827.D

Acq: 12 Sep 2024 13:19

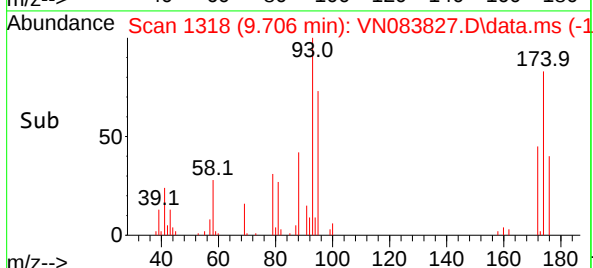
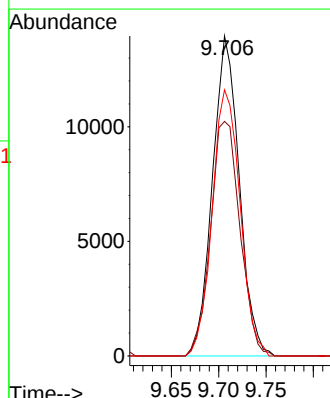
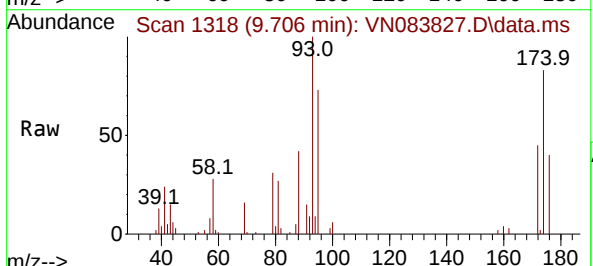
Tgt Ion: 93 Resp: 27445

Ion Ratio Lower Upper

93 100

95 80.6 65.3 97.9

174 86.7 71.0 106.4





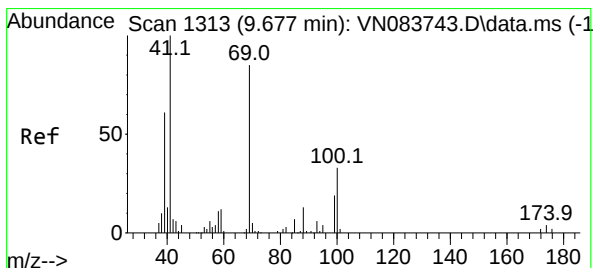
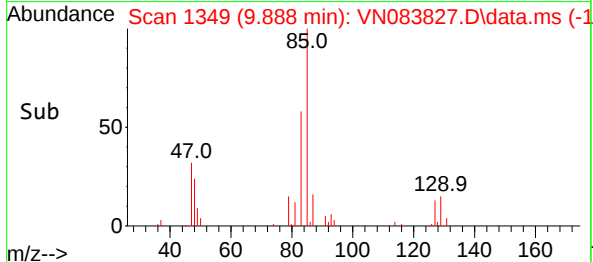
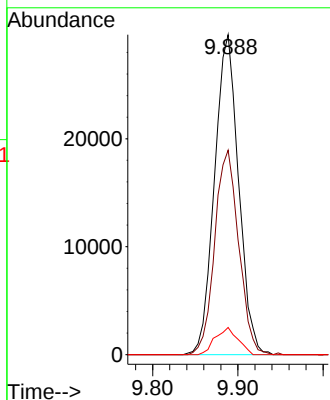
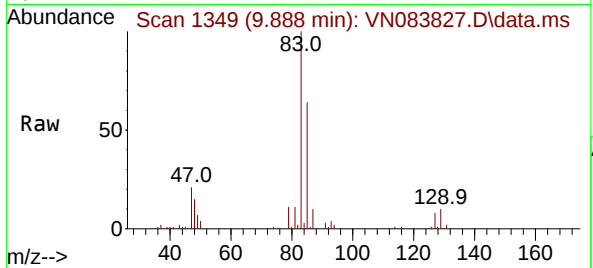
#47
Bromodichloromethane
Concen: 20.547 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN083827.D
Acq: 12 Sep 2024 13:19

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS02

Tgt Ion: 83 Resp: 5808
Ion Ratio Lower Upper
83 100
85 63.9 51.8 77.8
127 8.5 6.6 9.8

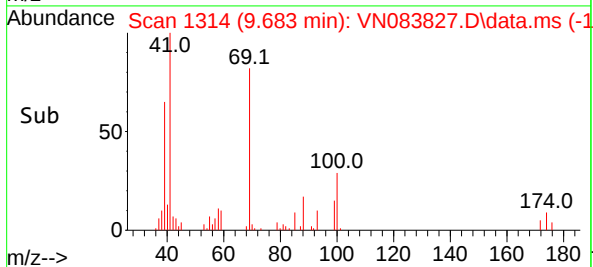
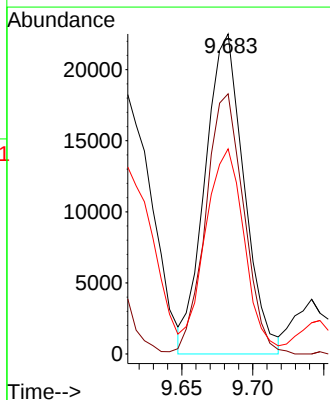
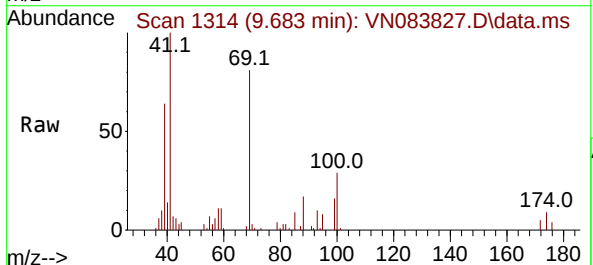
Manual Integrations
APPROVED

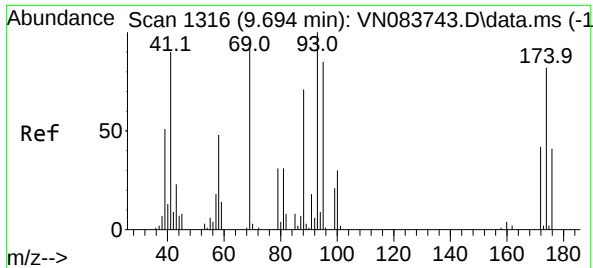
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#48
Methyl methacrylate
Concen: 21.516 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.006 min
Lab File: VN083827.D
Acq: 12 Sep 2024 13:19

Tgt Ion: 41 Resp: 43046
Ion Ratio Lower Upper
41 100
69 79.4 64.3 96.5
39 64.9 48.9 73.3





#49

1,4-Dioxane

Concen: 419.577 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN083827.D

Acq: 12 Sep 2024 13:19

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBS02

Tgt Ion: 88 Resp: 13809

Ion Ratio Lower Upper

88 100

43 34.0 0.0 0.0

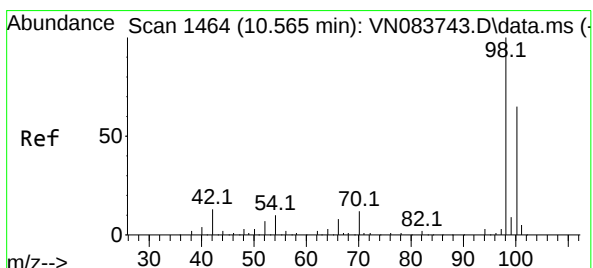
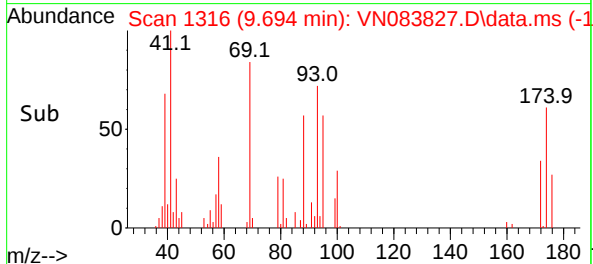
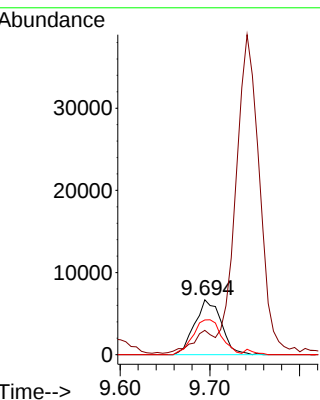
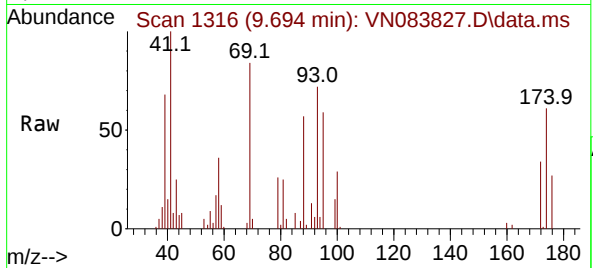
58 68.0 57.1 85.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2024

Supervised By :Mahesh Dadoda 09/13/2024



#50

Toluene-d8

Concen: 49.067 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN083827.D

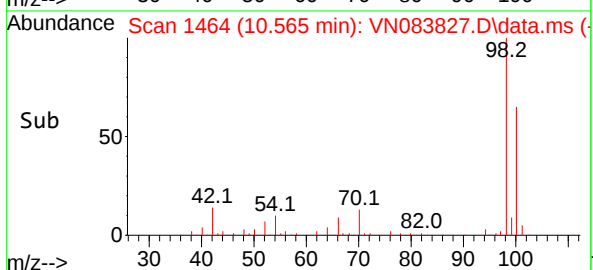
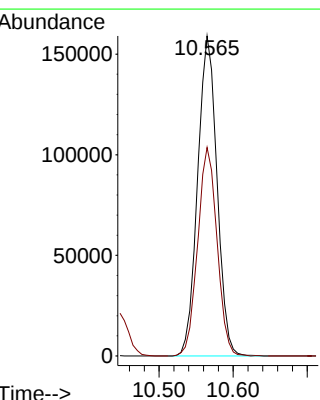
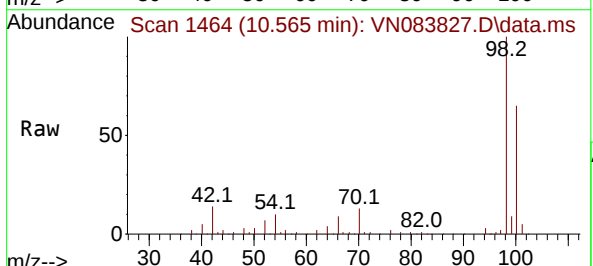
Acq: 12 Sep 2024 13:19

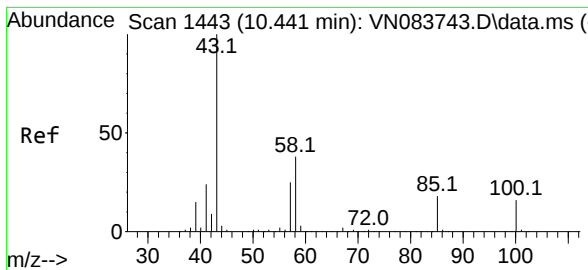
Tgt Ion: 98 Resp: 288915

Ion Ratio Lower Upper

98 100

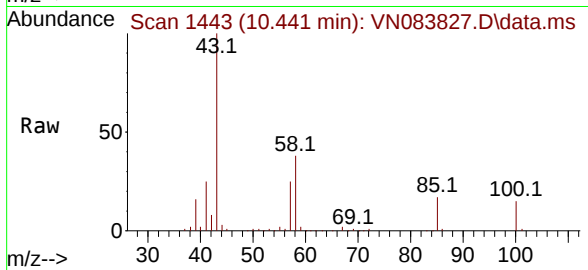
100 65.0 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 108.810 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN083827.D
Acq: 12 Sep 2024 13:19

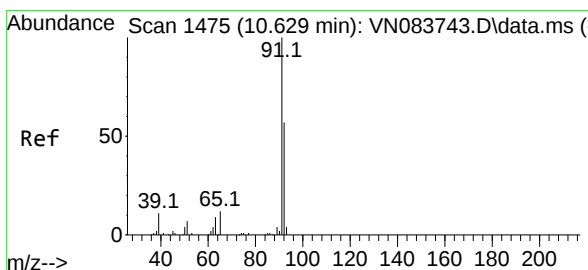
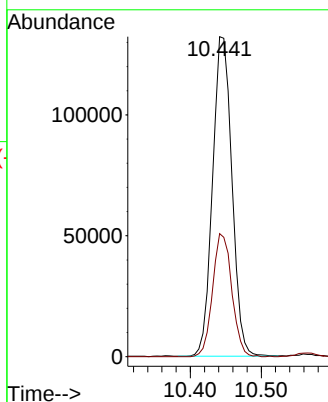
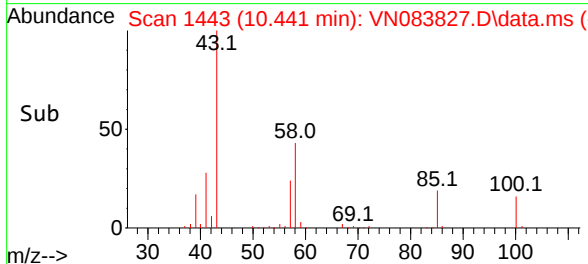
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS02



Tgt Ion: 43 Resp: 24976
Ion Ratio Lower Upper
43 100
58 38.2 31.6 47.4

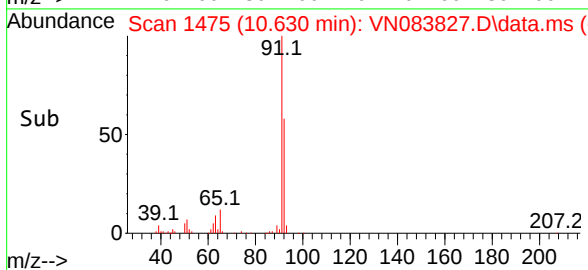
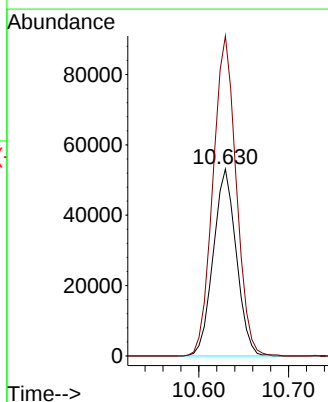
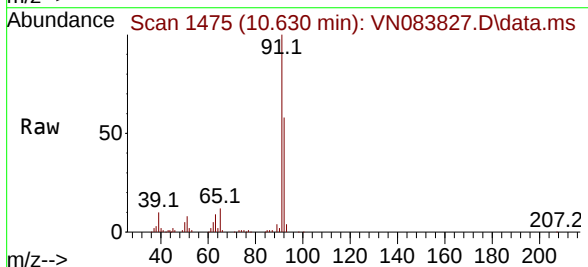
Manual Integrations
APPROVED

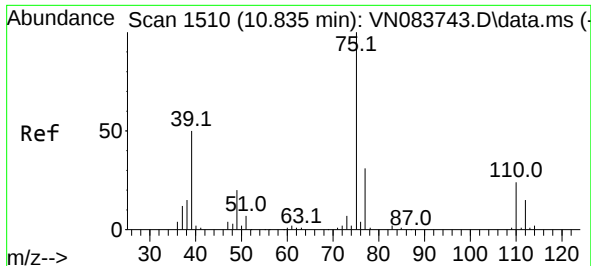
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#52
Toluene
Concen: 20.033 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN083827.D
Acq: 12 Sep 2024 13:19

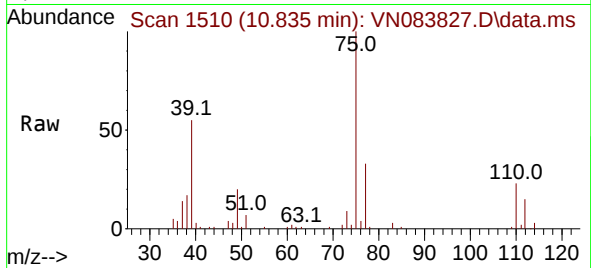
Tgt Ion: 92 Resp: 94553
Ion Ratio Lower Upper
92 100
91 172.9 134.7 202.1





#53
t-1,3-Dichloropropene
Concen: 19.956 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN083827.D
Acq: 12 Sep 2024 13:19

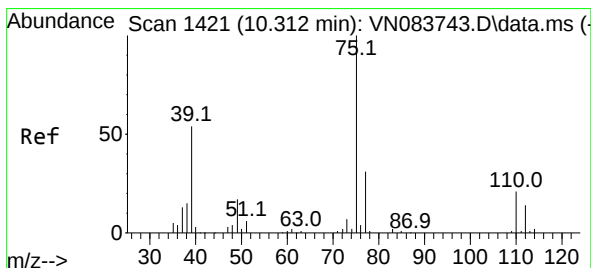
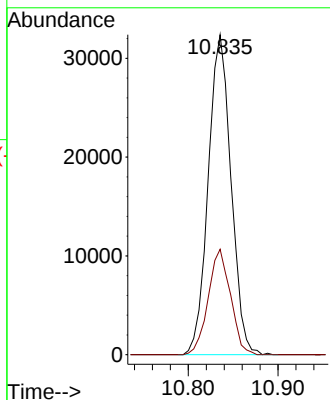
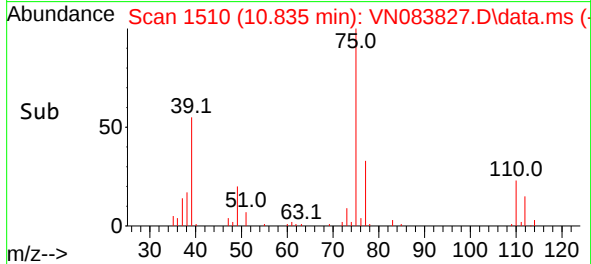
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS02



Tgt Ion: 75 Resp: 57184
Ion Ratio Lower Upper
75 100
77 32.9 25.8 38.6

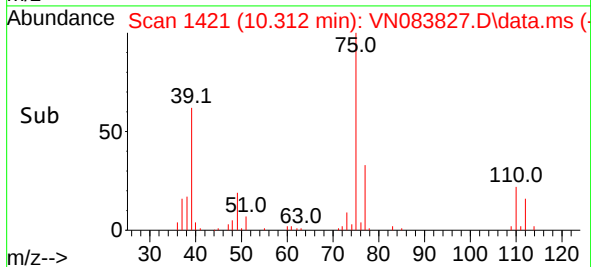
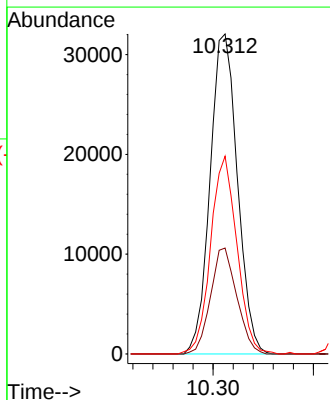
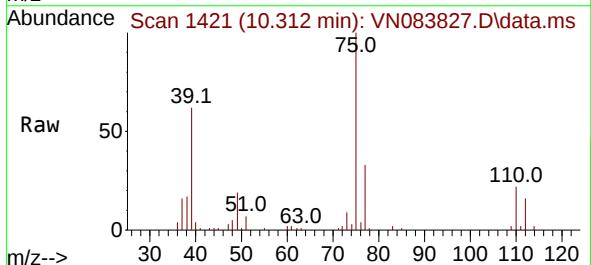
Manual Integrations
APPROVED

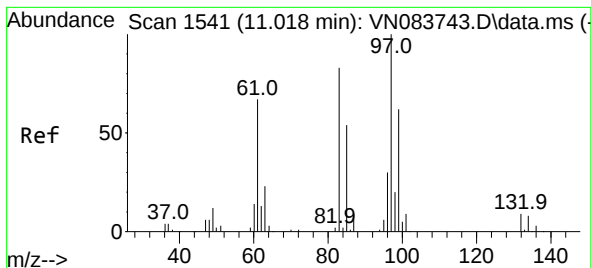
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#54
cis-1,3-Dichloropropene
Concen: 20.121 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN083827.D
Acq: 12 Sep 2024 13:19

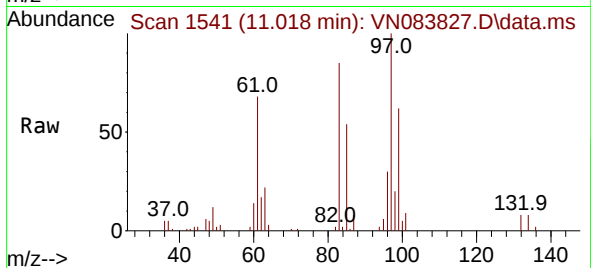
Tgt Ion: 75 Resp: 60564
Ion Ratio Lower Upper
75 100
77 33.1 25.0 37.6
39 61.8 42.6 64.0





#55
1,1,2-Trichloroethane
Concen: 20.247 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN083827.D
Acq: 12 Sep 2024 13:19

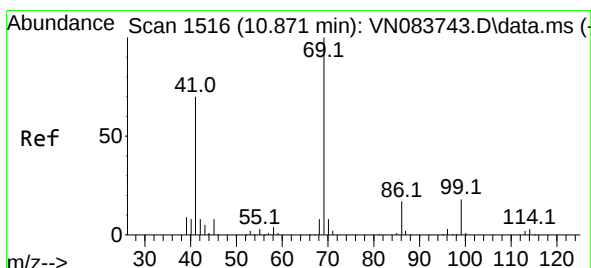
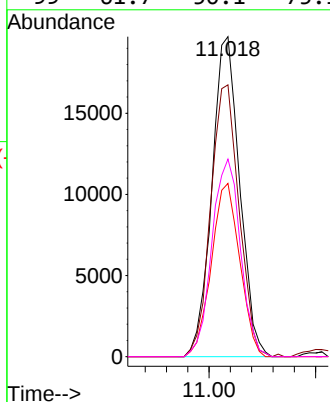
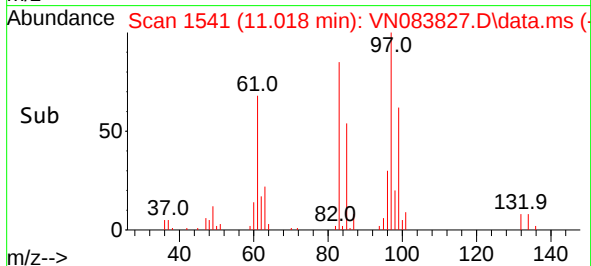
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS02



Tgt Ion:	97	Resp:	35670
Ion Ratio	100	Lower	Upper
97	100		
83	84.9	67.5	101.3
85	54.1	44.2	66.2
99	61.7	50.1	75.1

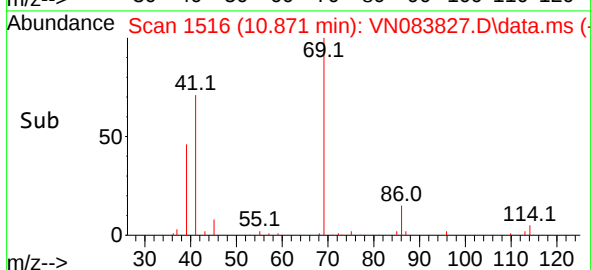
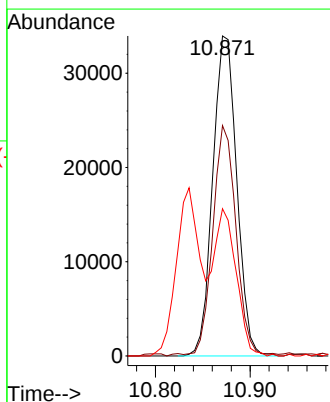
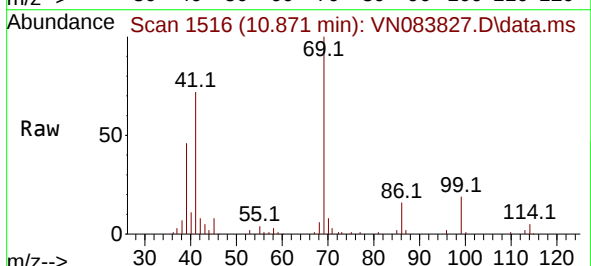
Manual Integrations
APPROVED

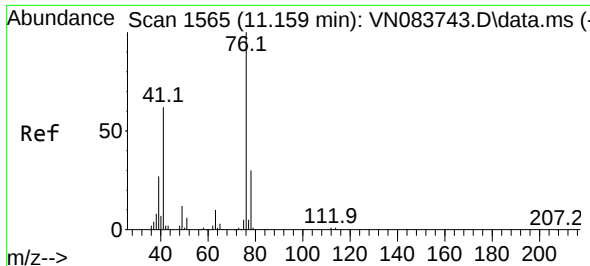
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#56
Ethyl methacrylate
Concen: 22.085 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN083827.D
Acq: 12 Sep 2024 13:19

Tgt Ion:	69	Resp:	59872
Ion Ratio	100	Lower	Upper
69	100		
41	70.2	53.9	80.9
39	43.7	32.6	48.8





#57

1,3-Dichloropropane

Concen: 20.629 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. 0.000 min

Lab File: VN083827.D

Acq: 12 Sep 2024 13:19

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBS02

Tgt Ion: 76 Resp: 62472

Ion Ratio Lower Upper

76 100

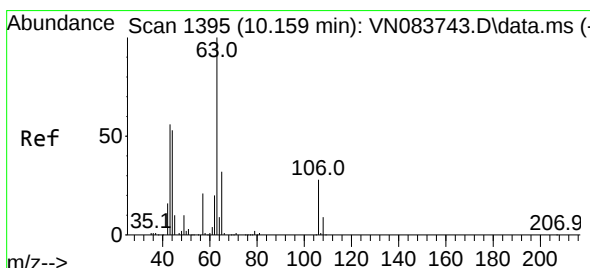
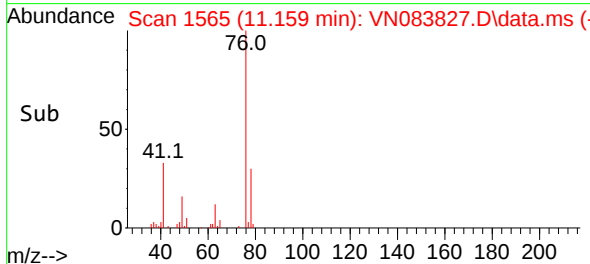
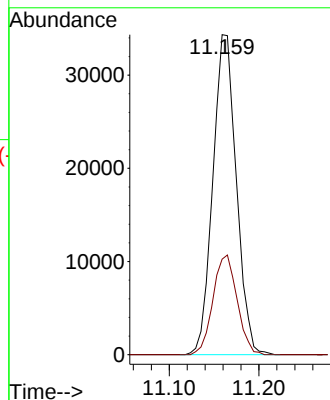
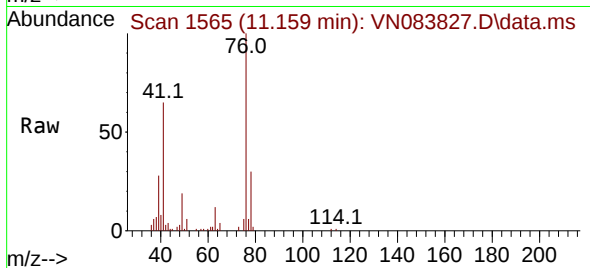
78 31.9 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2024

Supervised By :Mahesh Dadoda 09/13/2024



#58

2-Chloroethyl Vinyl ether

Concen: 111.252 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN083827.D

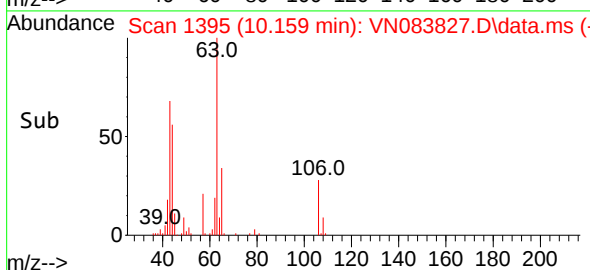
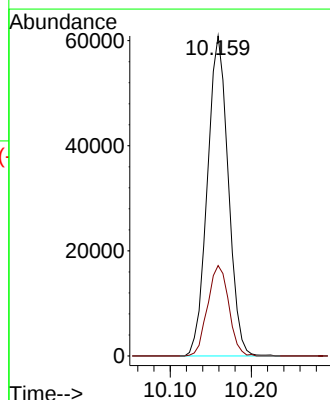
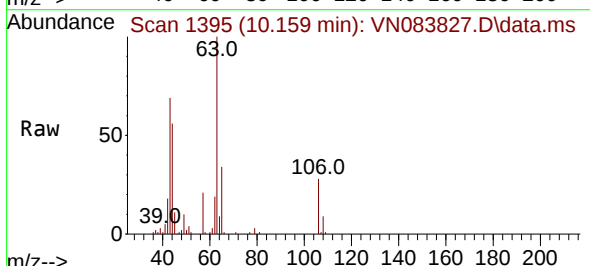
Acq: 12 Sep 2024 13:19

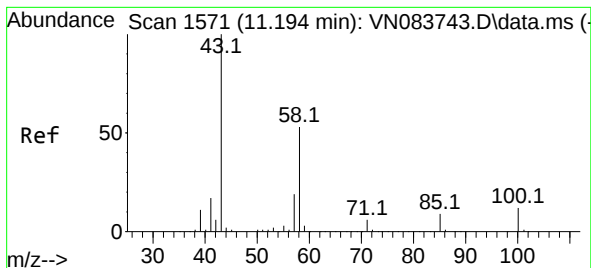
Tgt Ion: 63 Resp: 108673

Ion Ratio Lower Upper

63 100

106 28.5 23.3 34.9





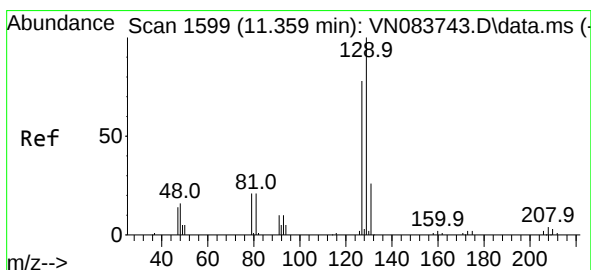
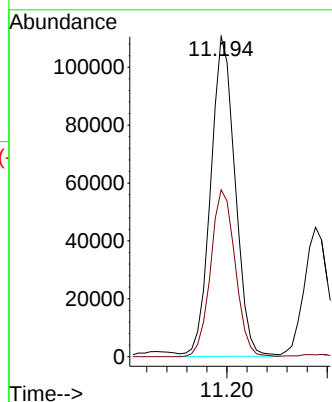
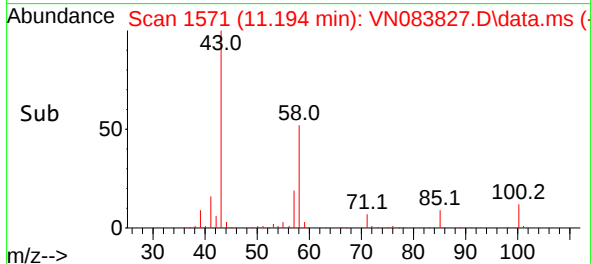
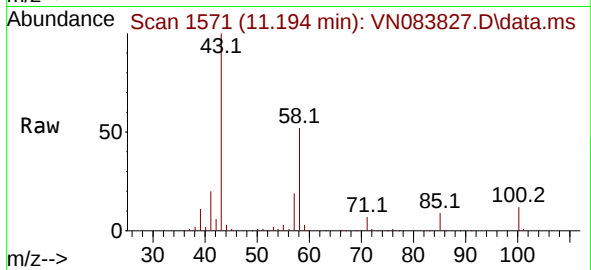
#59
2-Hexanone
Concen: 110.036 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN083827.D
Acq: 12 Sep 2024 13:19

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS02

Tgt Ion: 43 Resp: 186840
Ion Ratio Lower Upper
43 100
58 52.6 27.2 81.5

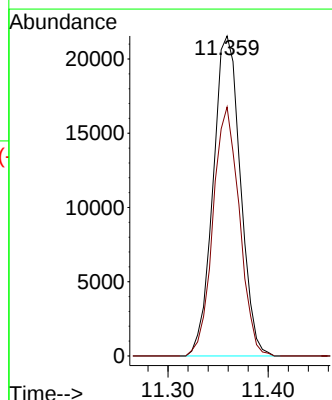
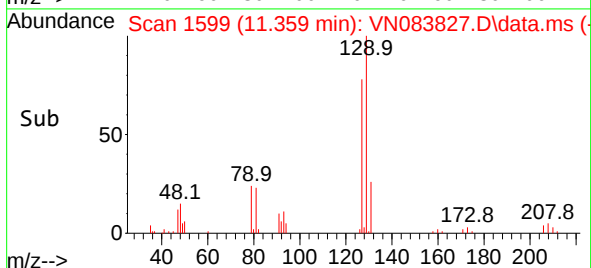
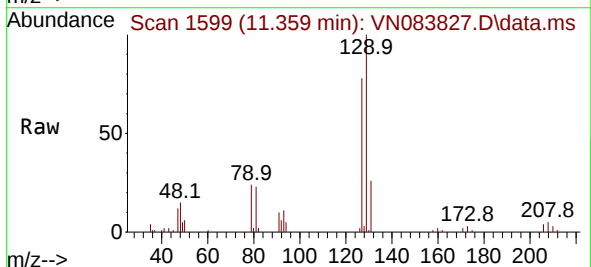
Manual Integrations
APPROVED

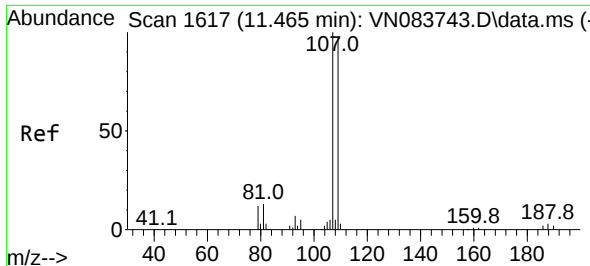
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#60
Dibromochloromethane
Concen: 20.643 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN083827.D
Acq: 12 Sep 2024 13:19

Tgt Ion:129 Resp: 40708
Ion Ratio Lower Upper
129 100
127 75.2 39.0 116.9





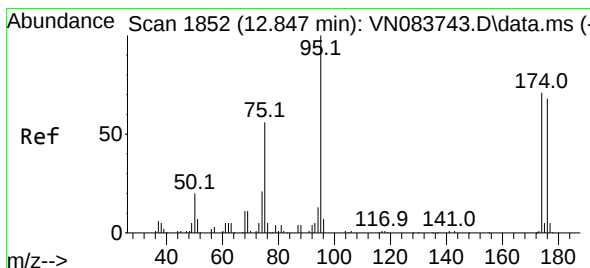
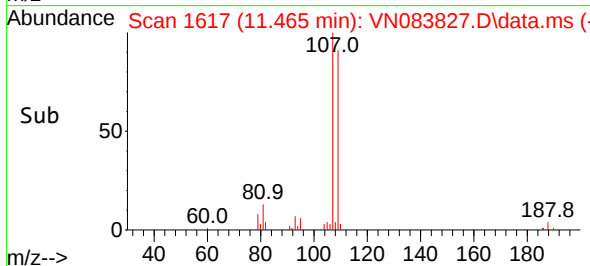
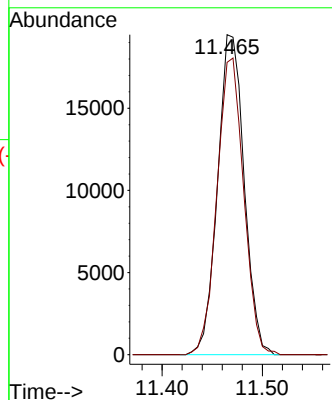
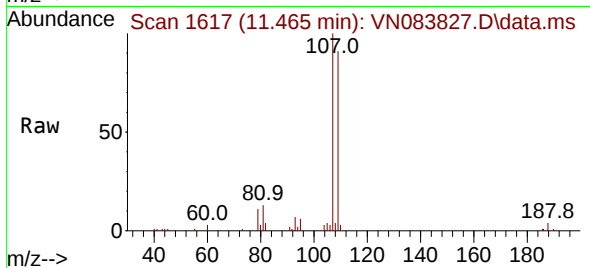
#61
1,2-Dibromoethane
Concen: 20.362 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN083827.D
Acq: 12 Sep 2024 13:19

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS02

Tgt Ion:107 Resp: 3578
Ion Ratio Lower Upper
107 100
109 93.2 75.6 113.4

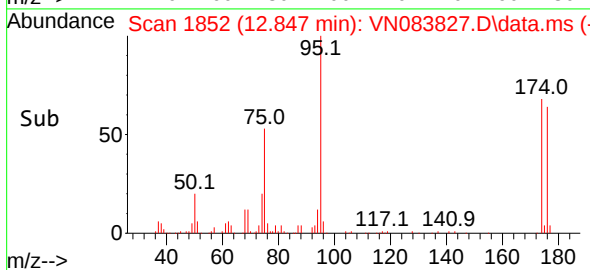
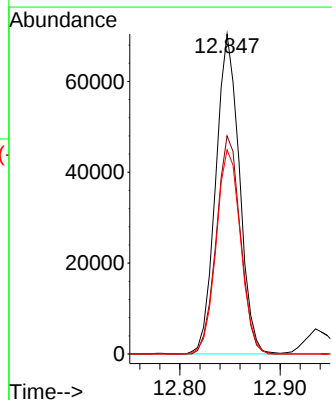
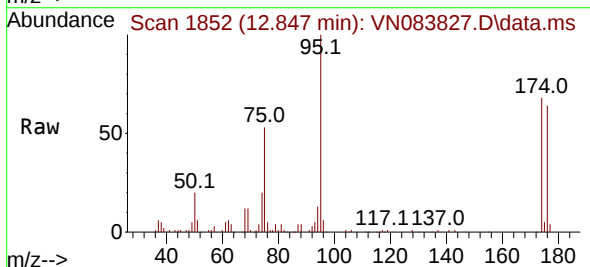
Manual Integrations
APPROVED

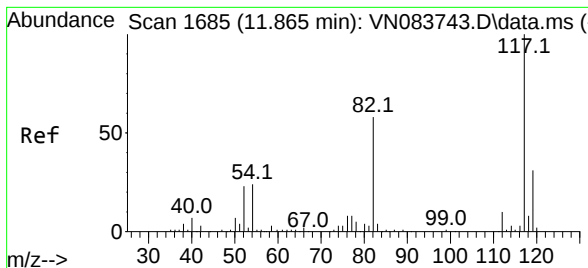
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#62
4-Bromofluorobenzene
Concen: 47.442 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083827.D
Acq: 12 Sep 2024 13:19

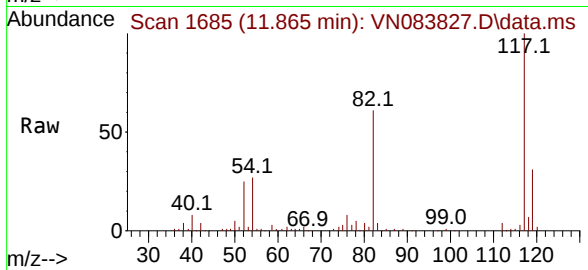
Tgt Ion: 95 Resp: 115251
Ion Ratio Lower Upper
95 100
174 69.3 0.0 139.8
176 66.0 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083827.D
Acq: 12 Sep 2024 13:19

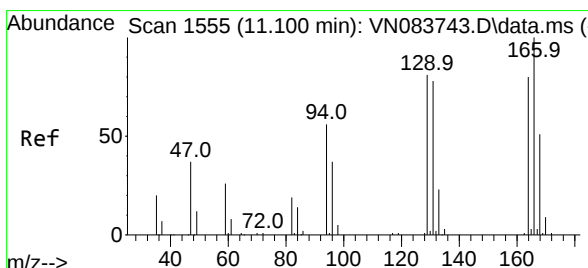
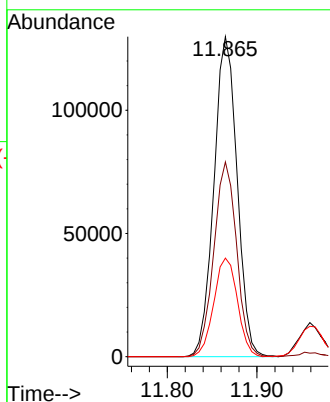
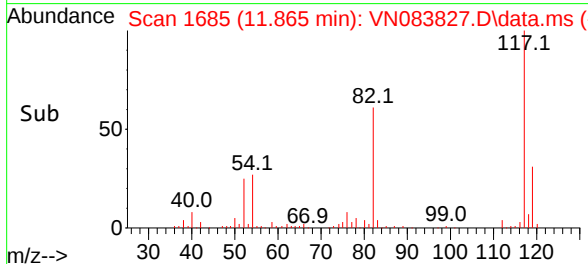
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS02



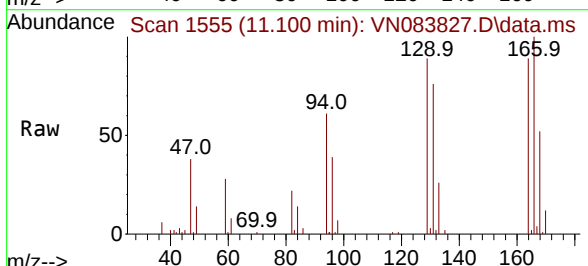
Tgt Ion:117 Resp: 23289
Ion Ratio Lower Upper
117 100
82 60.8 47.4 71.0
119 30.8 26.3 39.5

Manual Integrations
APPROVED

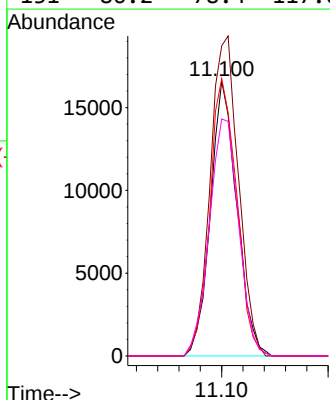
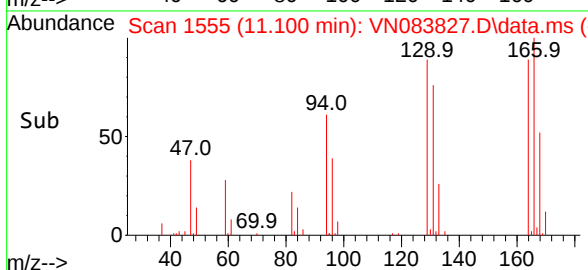
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024

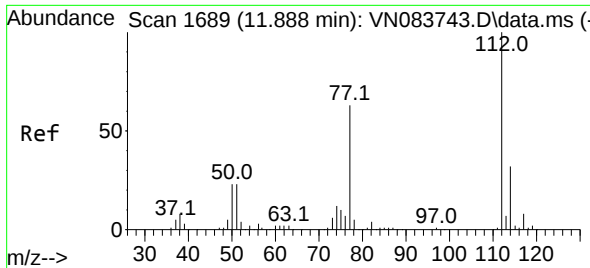


#64
Tetrachloroethene
Concen: 18.409 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN083827.D
Acq: 12 Sep 2024 13:19



Tgt Ion:164 Resp: 28511
Ion Ratio Lower Upper
164 100
166 112.9 103.7 155.5
129 100.9 79.9 119.9
131 86.2 78.4 117.6





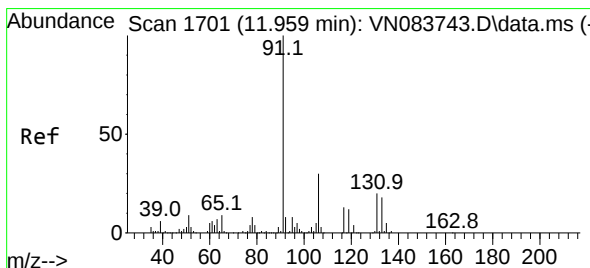
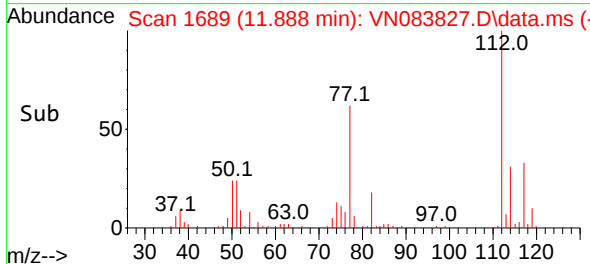
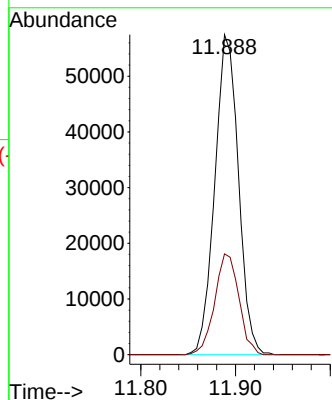
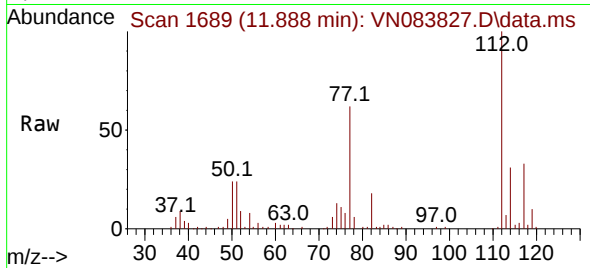
#65
Chlorobenzene
Concen: 19.242 ug/l
RT: 11.888 min Scan# 1112
Delta R.T. 0.000 min
Lab File: VN083827.D
Acq: 12 Sep 2024 13:19

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS02

Tgt Ion:112 Resp: 99600
Ion Ratio Lower Upper
112 100
114 31.5 25.7 38.5

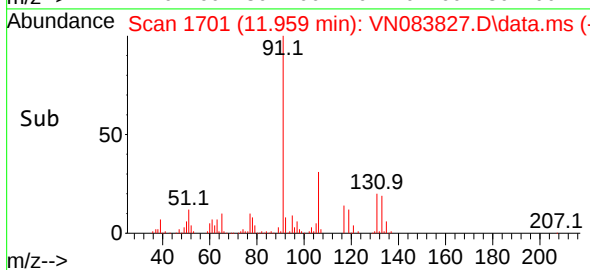
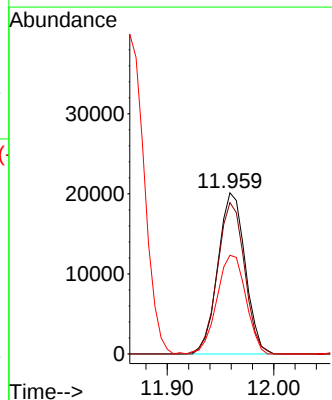
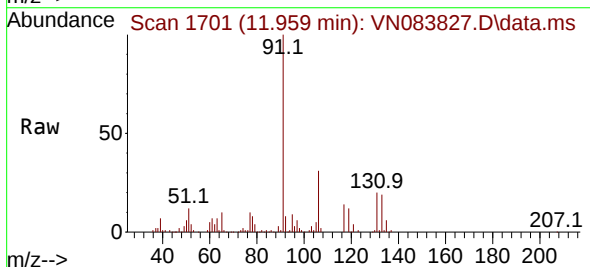
Manual Integrations
APPROVED

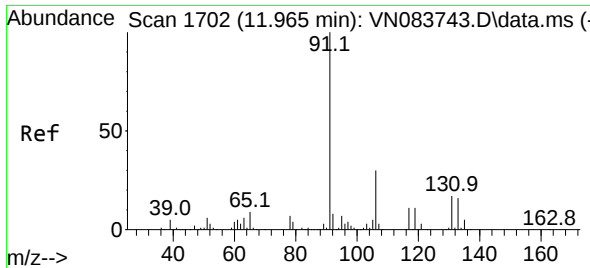
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 19.955 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN083827.D
Acq: 12 Sep 2024 13:19

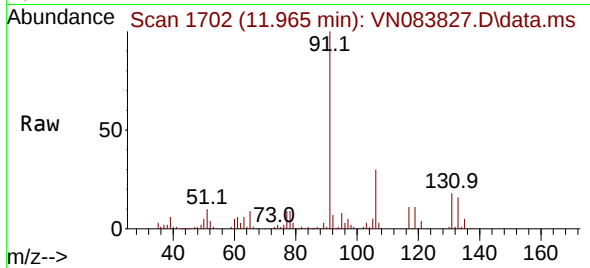
Tgt Ion:131 Resp: 35807
Ion Ratio Lower Upper
131 100
133 93.3 47.5 142.6
119 65.0 31.6 94.8





#67
Ethyl Benzene
Concen: 19.693 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN083827.D
Acq: 12 Sep 2024 13:19

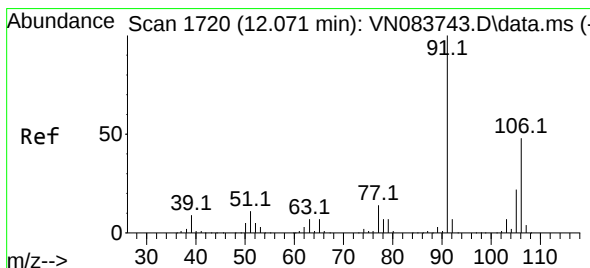
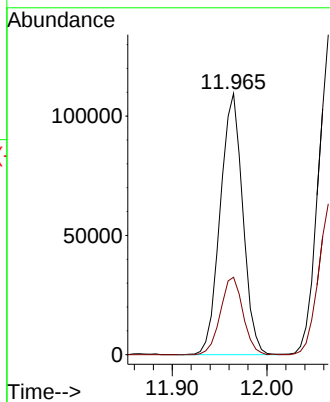
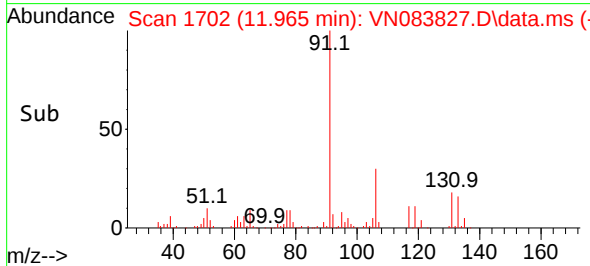
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS02



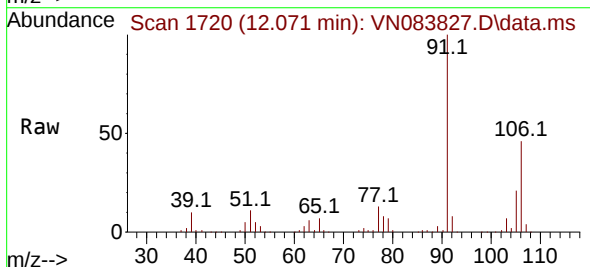
Tgt Ion: 91 Resp: 181073
Ion Ratio Lower Upper
91 100
106 29.6 24.3 36.5

Manual Integrations
APPROVED

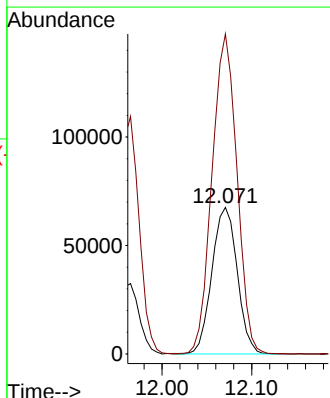
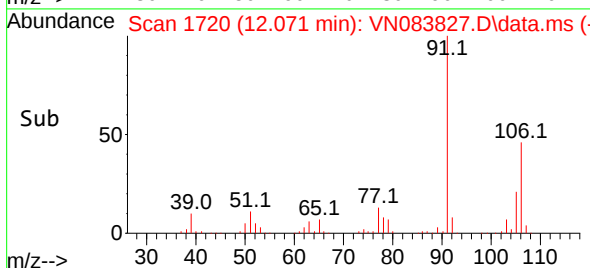
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#68
m/p-Xylenes
Concen: 38.754 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN083827.D
Acq: 12 Sep 2024 13:19



Tgt Ion:106 Resp: 132296
Ion Ratio Lower Upper
106 100
91 215.1 169.2 253.8





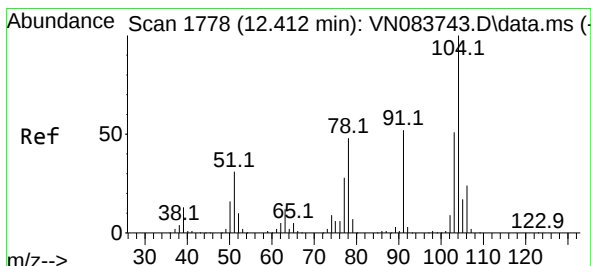
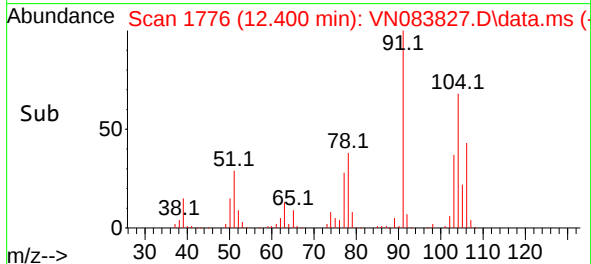
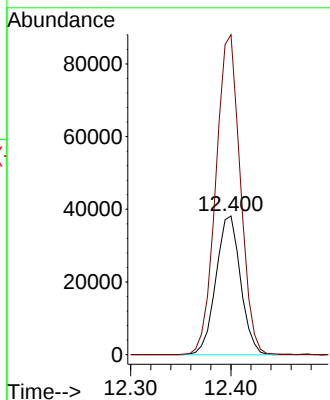
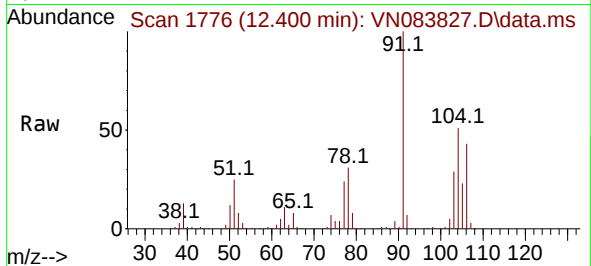
#69
o-Xylene
Concen: 19.650 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN083827.D
Acq: 12 Sep 2024 13:19

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS02

Tgt Ion:106 Resp: 64940
Ion Ratio Lower Upper
106 100
91 229.6 112.9 338.6

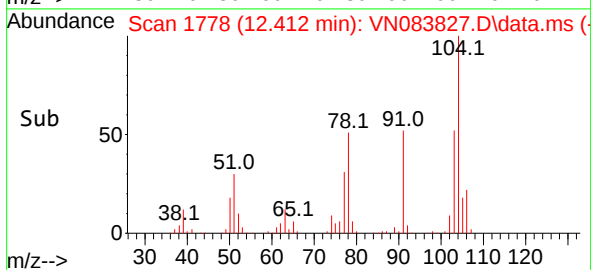
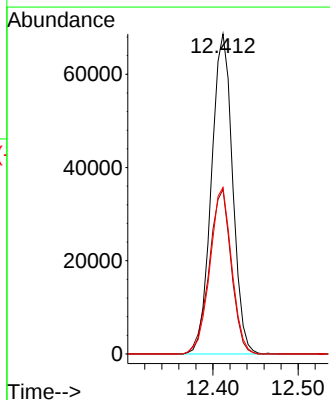
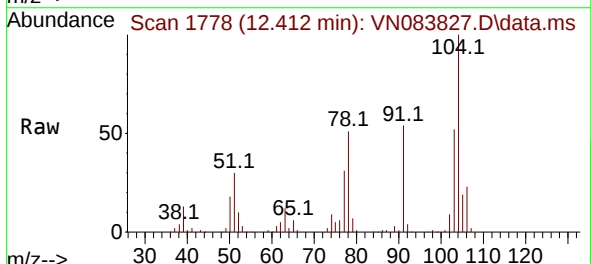
Manual Integrations
APPROVED

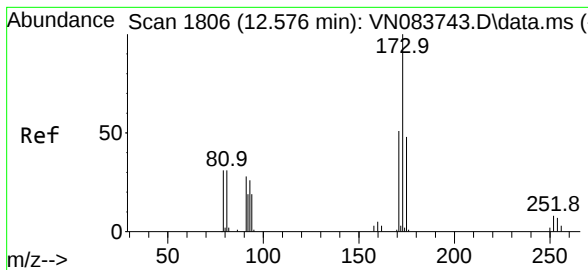
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#70
Styrene
Concen: 21.799 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN083827.D
Acq: 12 Sep 2024 13:19

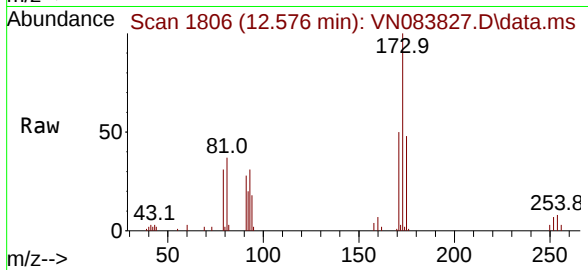
Tgt Ion:104 Resp: 118233
Ion Ratio Lower Upper
104 100
78 53.4 43.3 64.9
103 53.3 43.4 65.2





#71
Bromoform
Concen: 21.836 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN083827.D
Acq: 12 Sep 2024 13:19

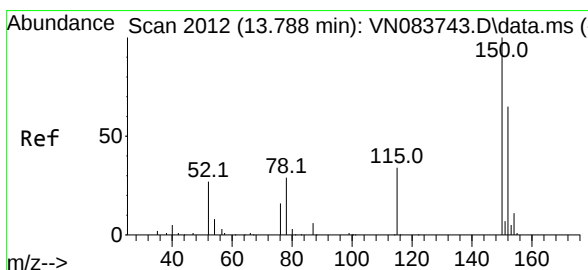
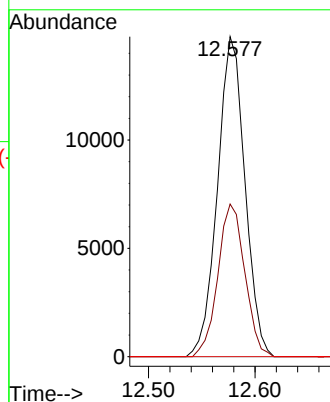
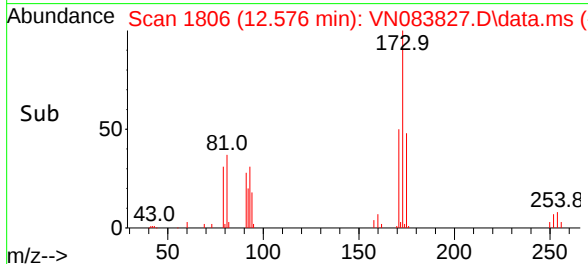
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS02



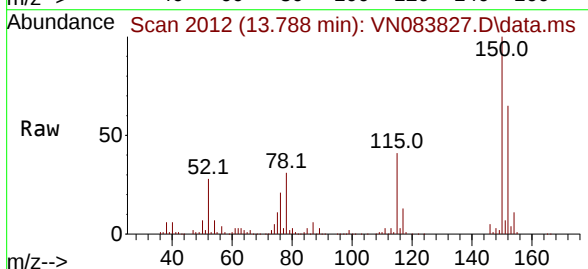
Tgt Ion:173 Resp: 26404
Ion Ratio Lower Upper
173 100
175 46.8 24.1 72.2
254 0.0 0.0 0.0

Manual Integrations
APPROVED

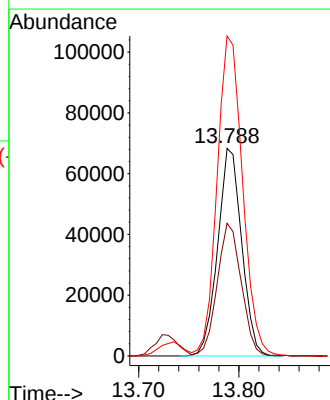
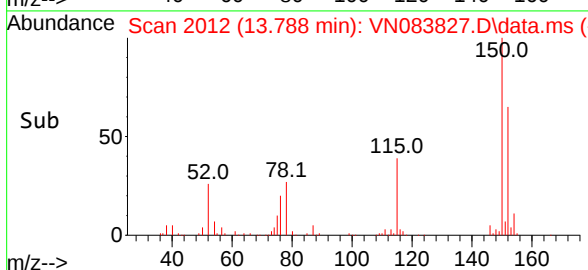
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024

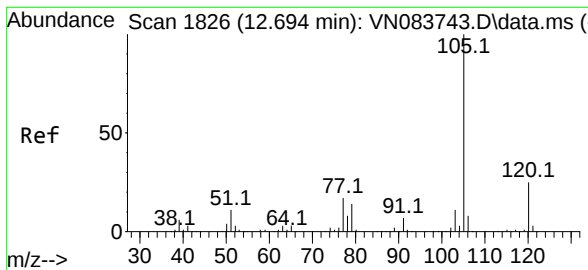


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN083827.D
Acq: 12 Sep 2024 13:19



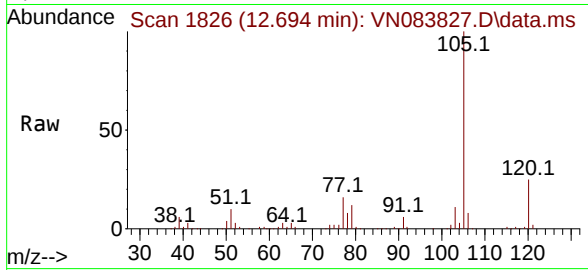
Tgt Ion:152 Resp: 113531
Ion Ratio Lower Upper
152 100
115 64.2 32.2 96.6
150 163.7 0.0 348.6





#73
Isopropylbenzene
Concen: 19.074 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN083827.D
Acq: 12 Sep 2024 13:19

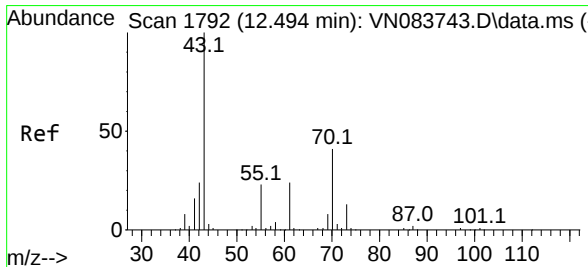
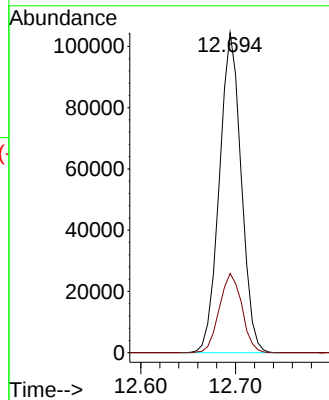
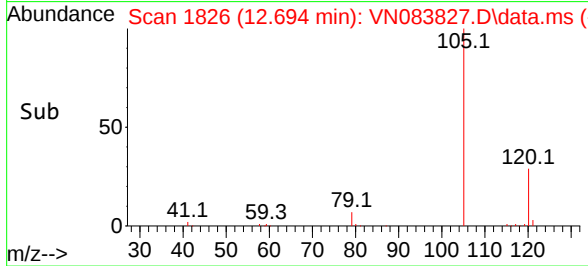
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS02



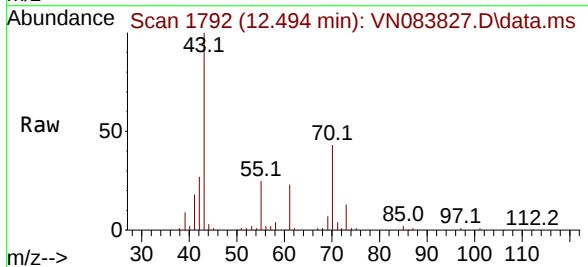
Tgt Ion:105 Resp: 167540
Ion Ratio Lower Upper
105 100
120 25.5 12.6 37.8

Manual Integrations
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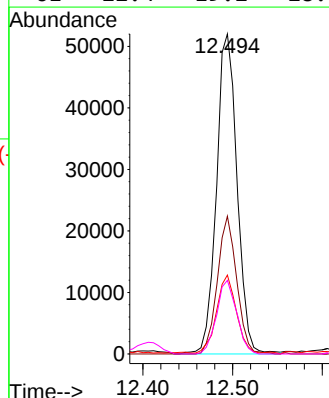
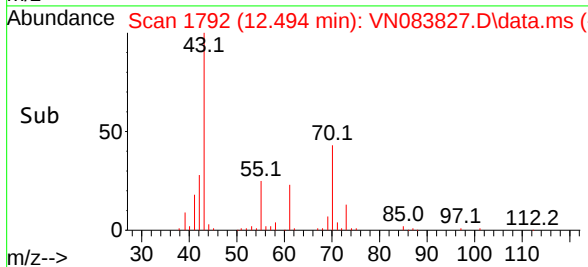
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024

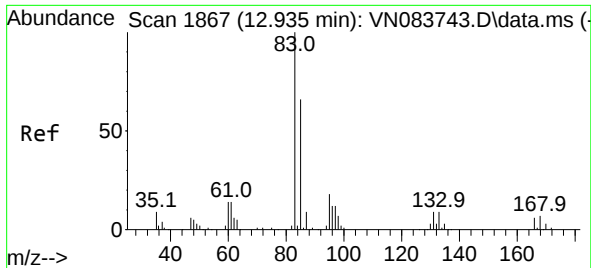


#74
N-ethyl acetate
Concen: 22.122 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN083827.D
Acq: 12 Sep 2024 13:19



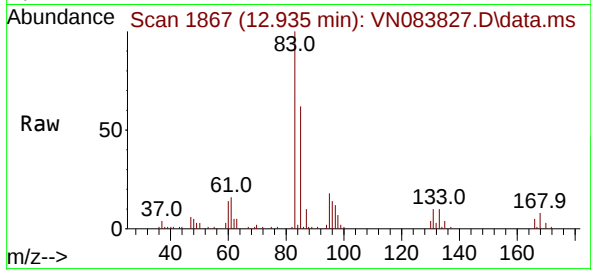
Tgt Ion: 43 Resp: 82901
Ion Ratio Lower Upper
43 100
70 40.4 34.5 51.7
55 24.3 18.6 28.0
61 22.4 19.2 28.8





#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.569 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. 0.000 min
 Lab File: VN083827.D
 Acq: 12 Sep 2024 13:19

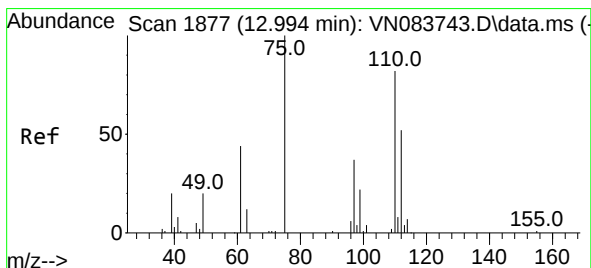
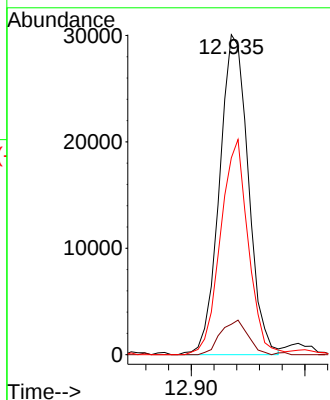
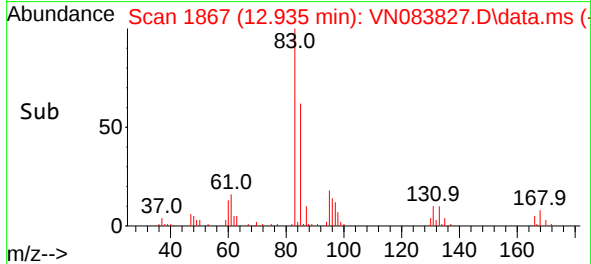
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBS02



Tgt Ion: 83 Resp: 53083
 Ion Ratio Lower Upper
 83 100
 131 10.2 5.2 15.6
 85 64.4 31.9 95.9

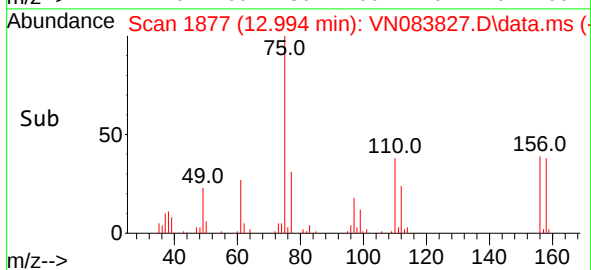
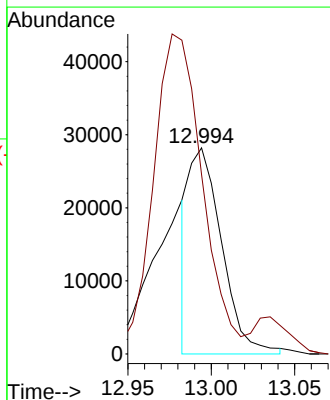
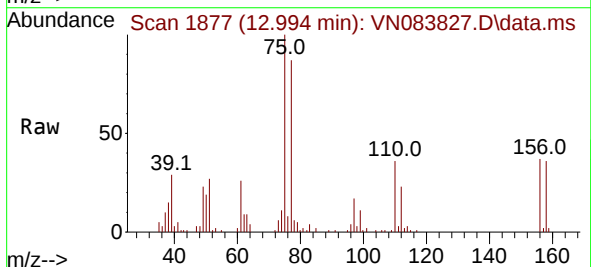
Manual Integrations
 APPROVED

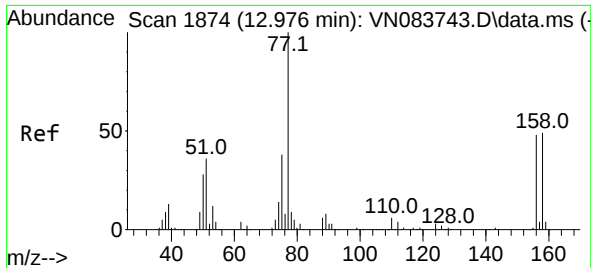
Reviewed By :John Carlone 09/13/2024
 Supervised By :Mahesh Dadoda 09/13/2024



#76
 1,2,3-Trichloropropane
 Concen: 16.827 ug/l m
 RT: 12.994 min Scan# 1877
 Delta R.T. 0.000 min
 Lab File: VN083827.D
 Acq: 12 Sep 2024 13:19

Tgt Ion: 75 Resp: 38547
 Ion Ratio Lower Upper
 75 100
 77 231.9 95.2 285.6





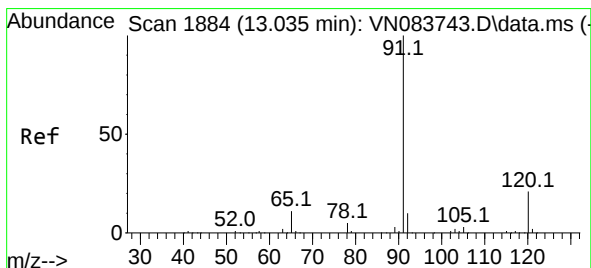
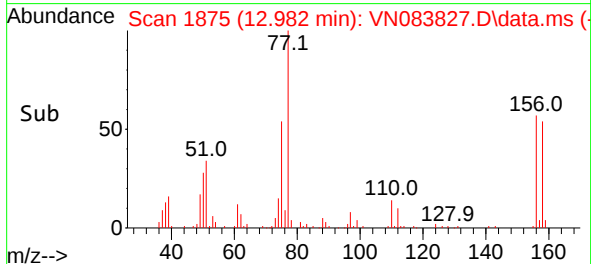
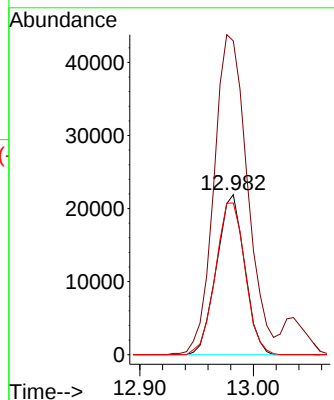
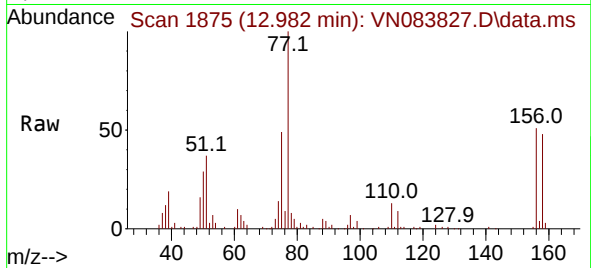
#77
Bromobenzene
Concen: 17.826 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.006 min
Lab File: VN083827.D
Acq: 12 Sep 2024 13:19

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS02

Tgt Ion:156 Resp: 37690
Ion Ratio Lower Upper
156 100
77 237.2 114.3 343.1
158 99.9 48.9 146.7

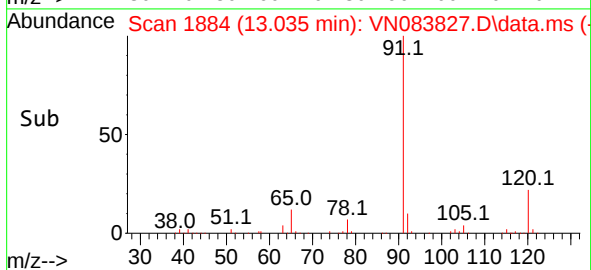
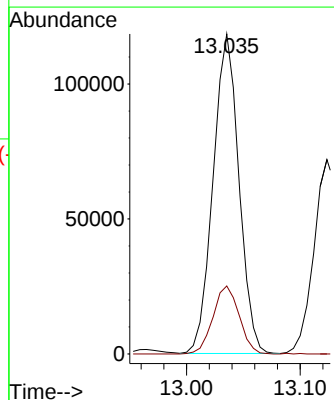
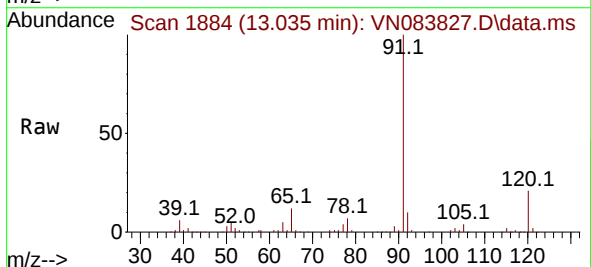
Manual Integrations
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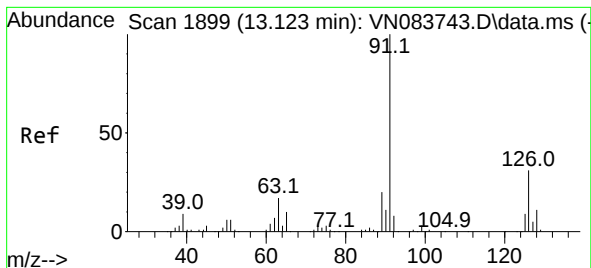
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#78
n-propylbenzene
Concen: 18.284 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN083827.D
Acq: 12 Sep 2024 13:19

Tgt Ion: 91 Resp: 186852
Ion Ratio Lower Upper
91 100
120 21.5 11.0 33.0





#79

2-Chlorotoluene

Concen: 18.613 ug/l

RT: 13.124 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VN083827.D

Acq: 12 Sep 2024 13:19

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBS02

Tgt Ion: 91 Resp: 12131

Ion Ratio Lower Upper

91 100

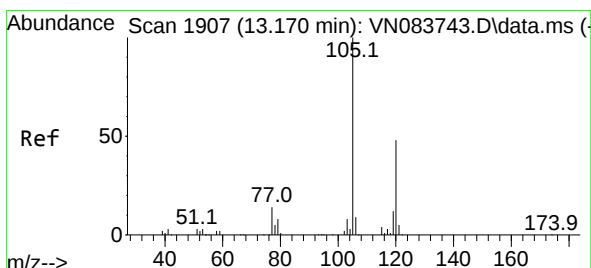
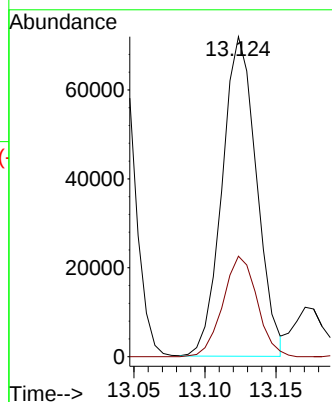
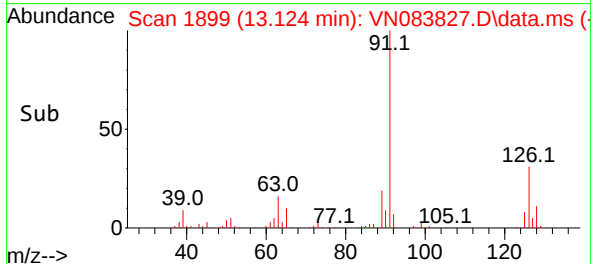
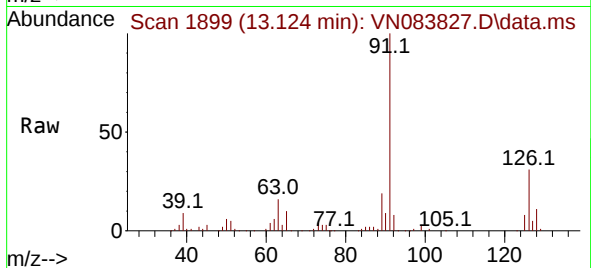
126 31.2 15.4 46.2

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Reviewed By :John Carlone 09/13/2024

Supervised By :Mahesh Dadoda 09/13/2024



#80

1,3,5-Trimethylbenzene

Concen: 19.199 ug/l

RT: 13.171 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VN083827.D

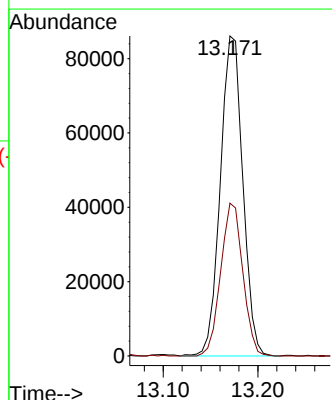
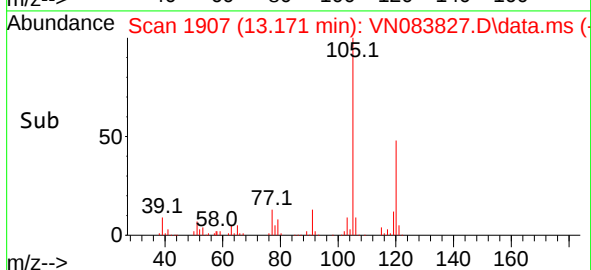
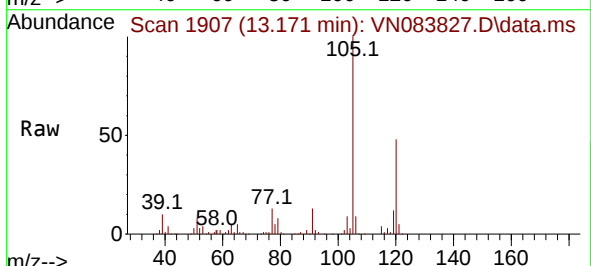
Acq: 12 Sep 2024 13:19

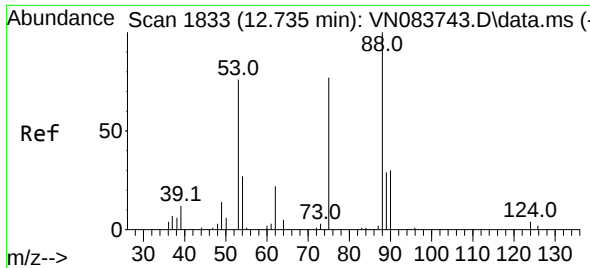
Tgt Ion:105 Resp: 142173

Ion Ratio Lower Upper

105 100

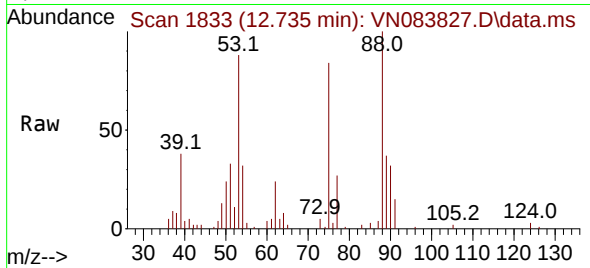
120 46.9 23.4 70.3





#81
trans-1,4-Dichloro-2-butene
Concen: 20.337 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN083827.D
Acq: 12 Sep 2024 13:19

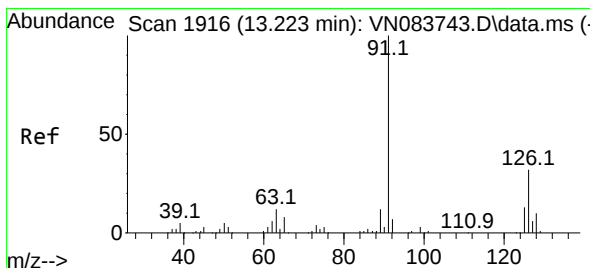
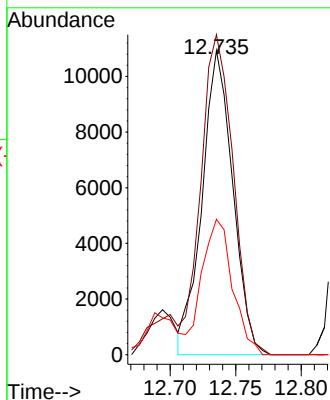
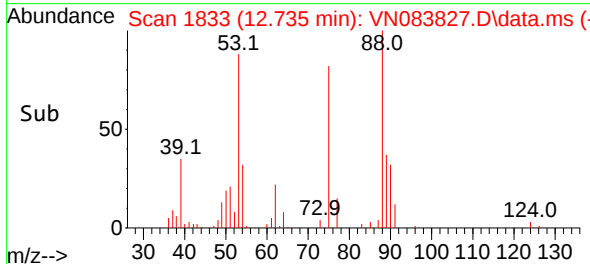
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS02



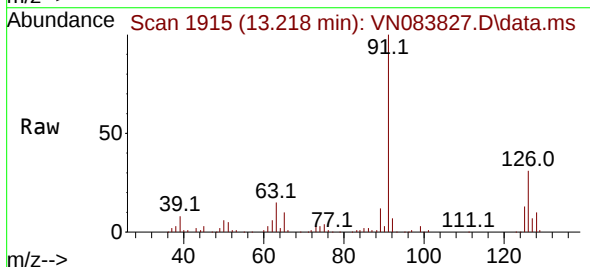
Tgt Ion: 75 Resp: 1778
Ion Ratio Lower Upper
75 100
53 123.9 81.2 121.8
89 44.3 35.7 53.5

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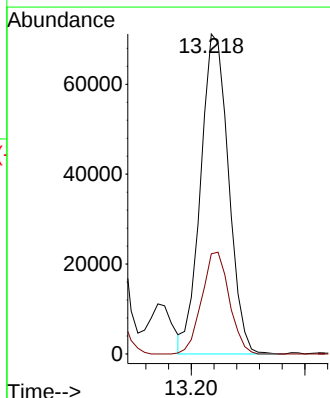
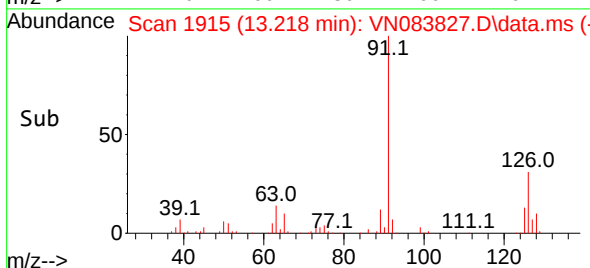
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024

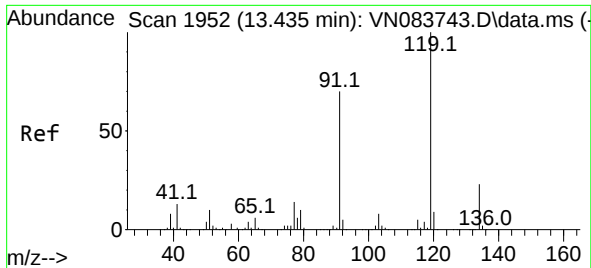


#82
4-Chlorotoluene
Concen: 18.584 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VN083827.D
Acq: 12 Sep 2024 13:19



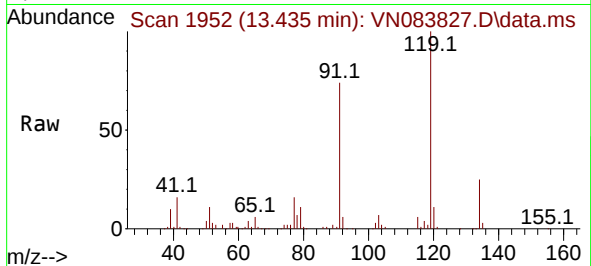
Tgt Ion: 91 Resp: 121550
Ion Ratio Lower Upper
91 100
126 31.3 15.4 46.2





#83
tert-Butylbenzene
Concen: 19.073 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN083827.D
Acq: 12 Sep 2024 13:19

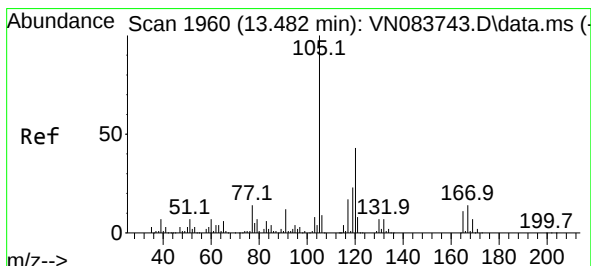
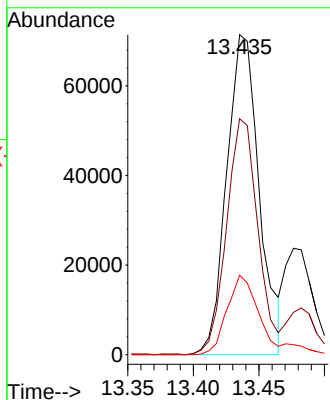
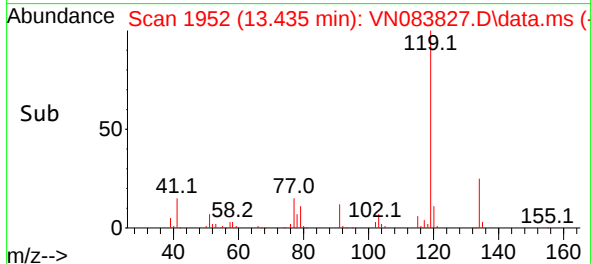
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS02



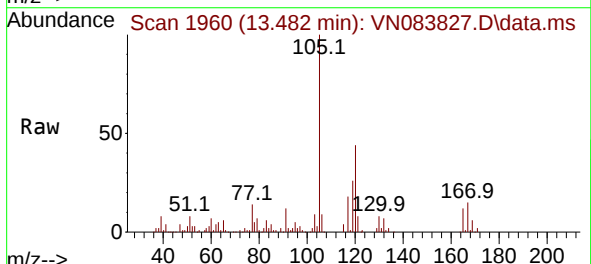
Tgt Ion:119 Resp: 123574
Ion Ratio Lower Upper
119 100
91 70.9 34.5 103.6
134 26.0 12.8 38.4

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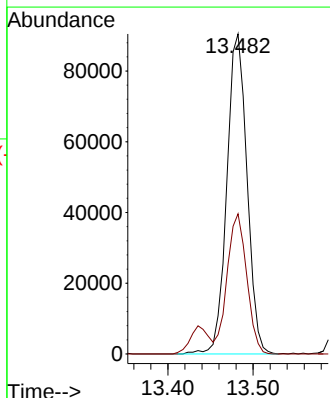
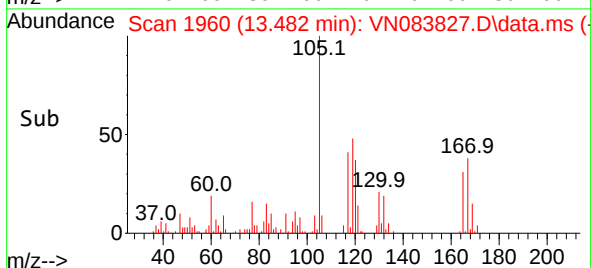
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024

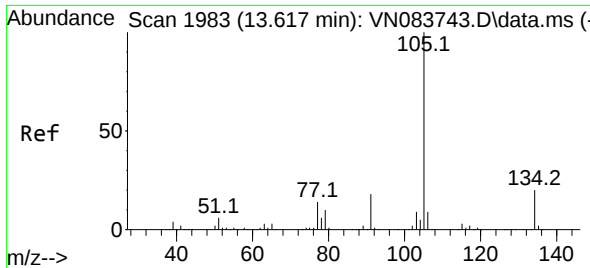


#84
1,2,4-Trimethylbenzene
Concen: 19.980 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN083827.D
Acq: 12 Sep 2024 13:19



Tgt Ion:105 Resp: 148625
Ion Ratio Lower Upper
105 100
120 42.6 21.8 65.4





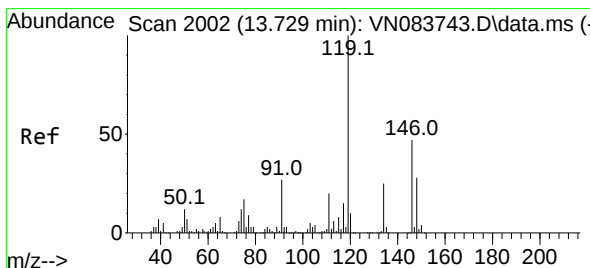
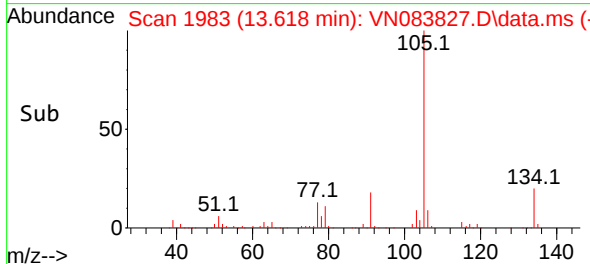
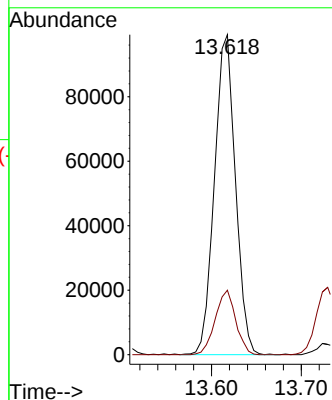
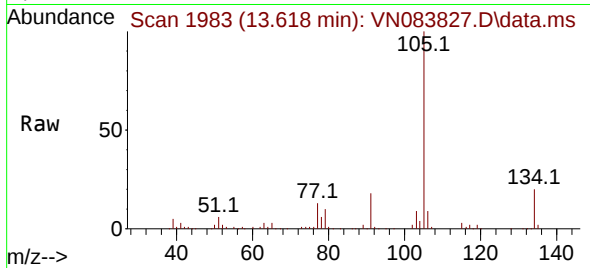
#85
 sec-Butylbenzene
 Concen: 18.745 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN083827.D
 Acq: 12 Sep 2024 13:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBS02

Tgt Ion:105 Resp: 161062
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.7 29.1

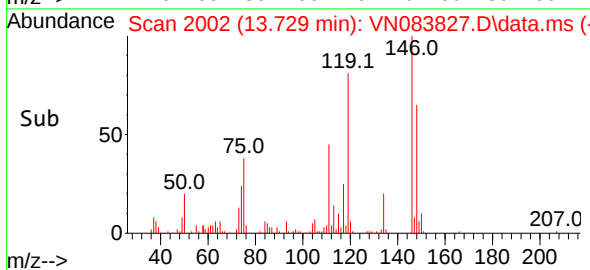
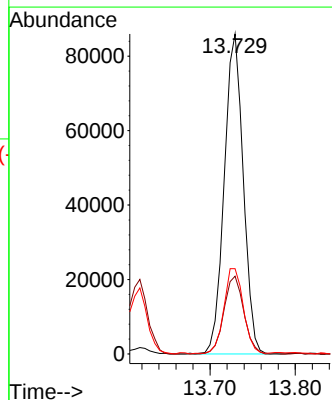
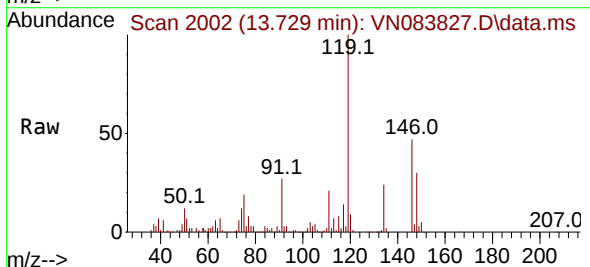
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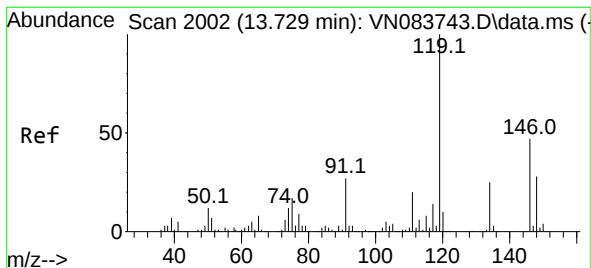
Reviewed By :John Carlone 09/13/2024
 Supervised By :Mahesh Dadoda 09/13/2024



#86
 p-Isopropyltoluene
 Concen: 18.516 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN083827.D
 Acq: 12 Sep 2024 13:19

Tgt Ion:119 Resp: 133369
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.8 38.3
 91 27.6 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 17.811 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.006 min

Lab File: VN083827.D

Acq: 12 Sep 2024 13:19

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBS02

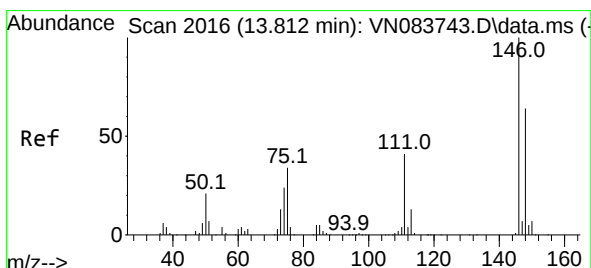
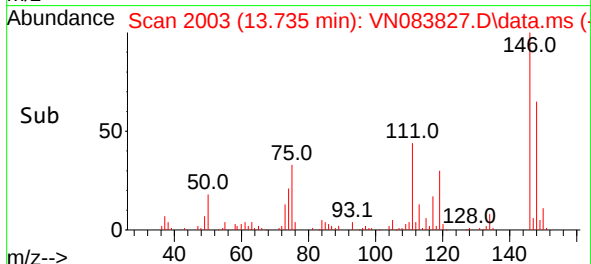
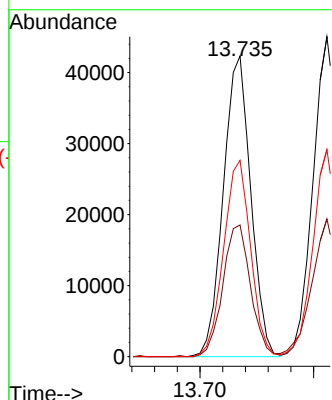
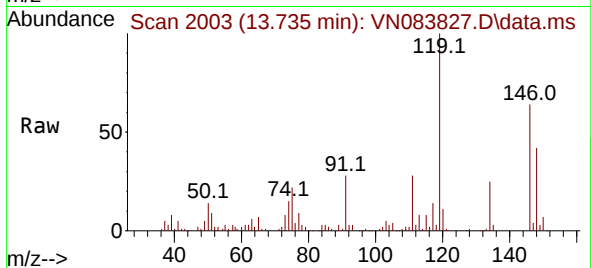
Tgt Ion:146 Resp: 71069
 Ion Ratio Lower Upper
 146 100
 111 44.1 21.7 65.1
 148 64.3 31.7 95.1

Manual Integrations

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Reviewed By :John Carlone 09/13/2024

Supervised By :Mahesh Dadoda 09/13/2024



#88

1,4-Dichlorobenzene

Concen: 18.257 ug/l

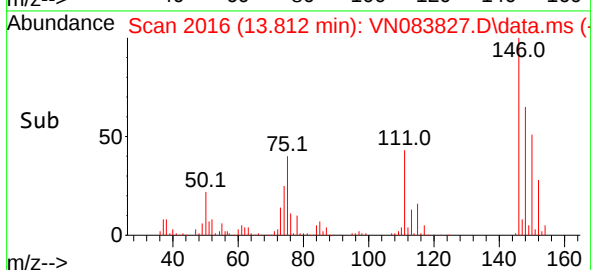
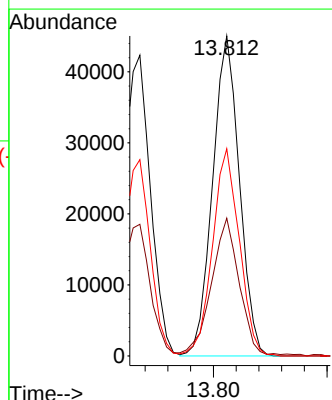
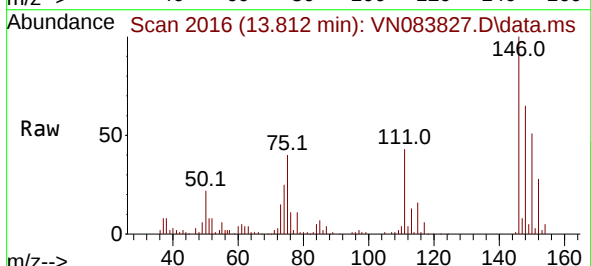
RT: 13.812 min Scan# 2016

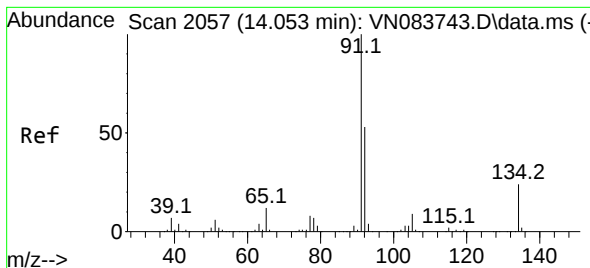
Delta R.T. 0.000 min

Lab File: VN083827.D

Acq: 12 Sep 2024 13:19

Tgt Ion:146 Resp: 73766
 Ion Ratio Lower Upper
 146 100
 111 45.3 21.3 64.0
 148 64.8 32.0 96.2





#89

n-Butylbenzene

Concen: 17.825 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VN083827.D

Acq: 12 Sep 2024 13:19

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBS02

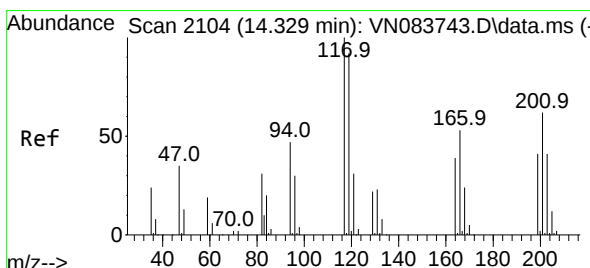
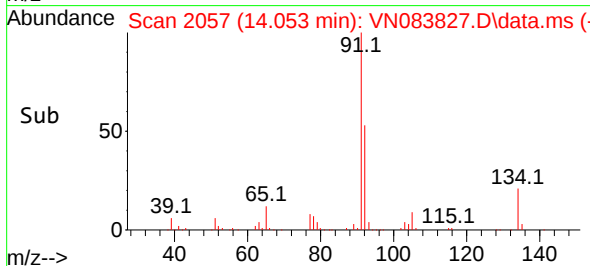
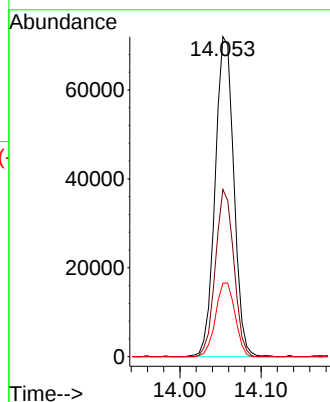
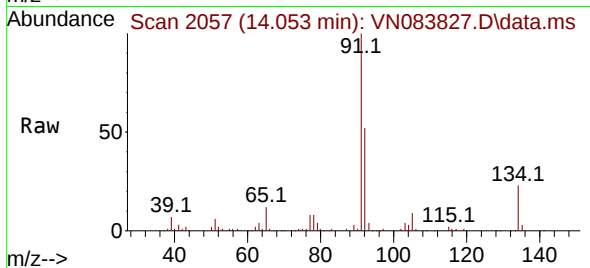
Tgt Ion:	91	Resp:	11527
Ion Ratio	Lower	Upper	
91	100		
92	51.5	26.7	80.1
134	24.0	12.2	36.4

Manual Integrations

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Reviewed By :John Carlone 09/13/2024

Supervised By :Mahesh Dadoda 09/13/2024



#90

Hexachloroethane

Concen: 18.193 ug/l

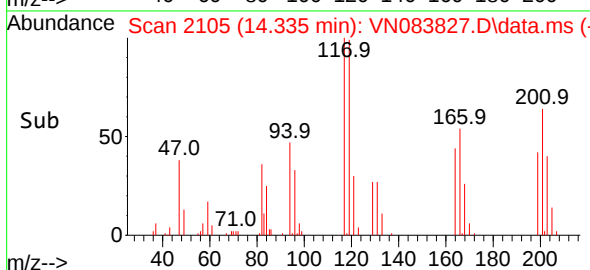
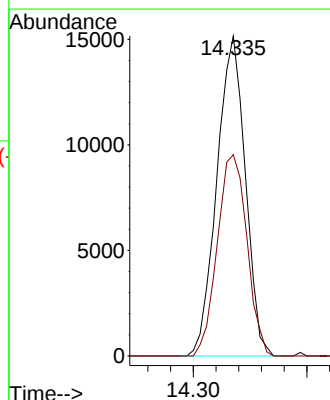
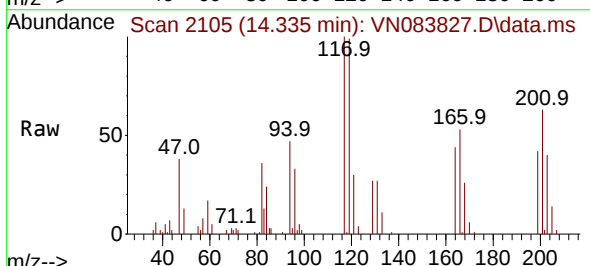
RT: 14.335 min Scan# 2105

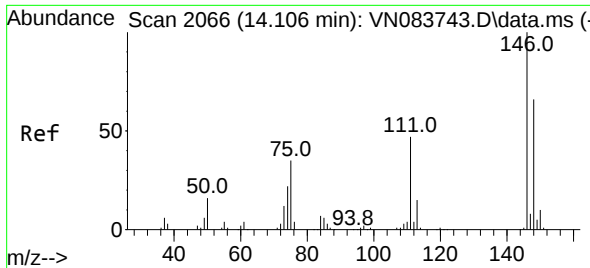
Delta R.T. 0.006 min

Lab File: VN083827.D

Acq: 12 Sep 2024 13:19

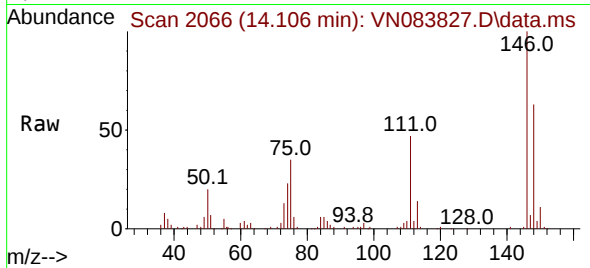
Tgt Ion:	117	Resp:	26342
Ion Ratio	Lower	Upper	
117	100		
201	65.5	32.8	98.3





#91
1,2-Dichlorobenzene
Concen: 19.387 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN083827.D
Acq: 12 Sep 2024 13:19

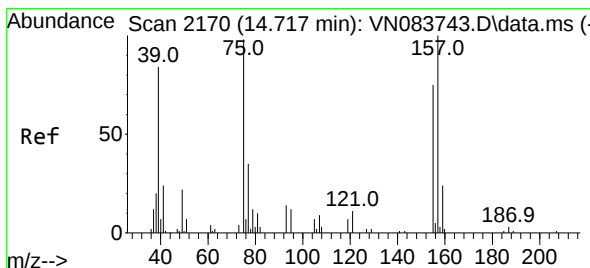
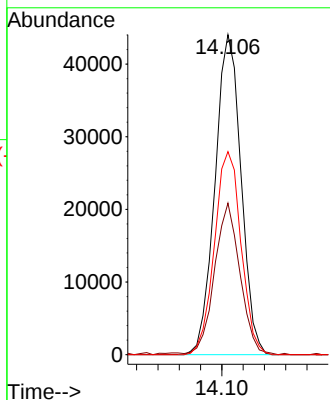
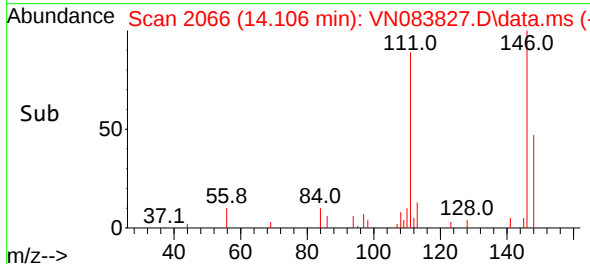
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS02



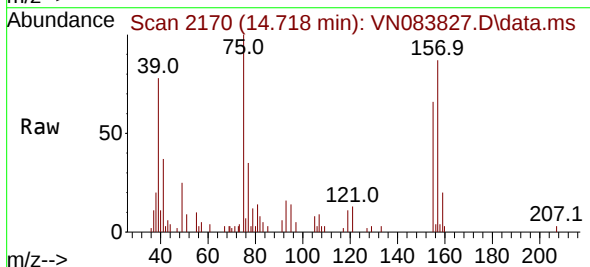
Tgt Ion:146 Resp: 74659
Ion Ratio Lower Upper
146 100
111 46.9 22.8 68.3
148 64.9 32.1 96.5

Manual Integrations
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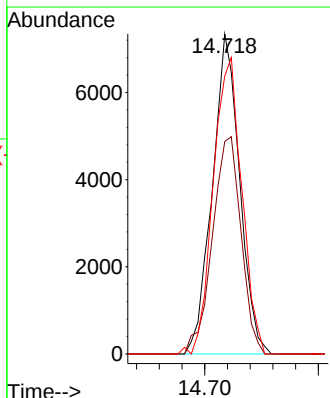
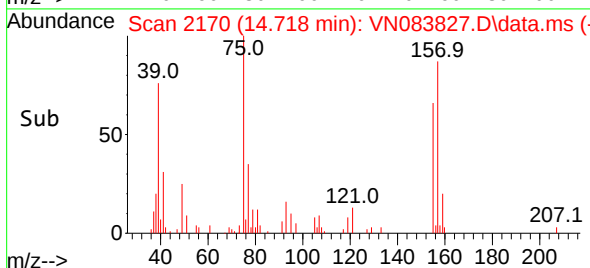
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024

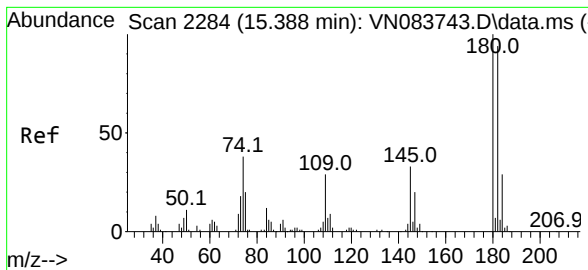


#92
1,2-Dibromo-3-Chloropropane
Concen: 23.812 ug/l
RT: 14.718 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN083827.D
Acq: 12 Sep 2024 13:19



Tgt Ion: 75 Resp: 12250
Ion Ratio Lower Upper
75 100
155 71.2 35.9 107.7
157 96.6 47.5 142.5





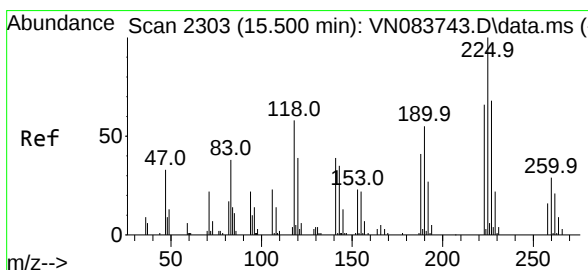
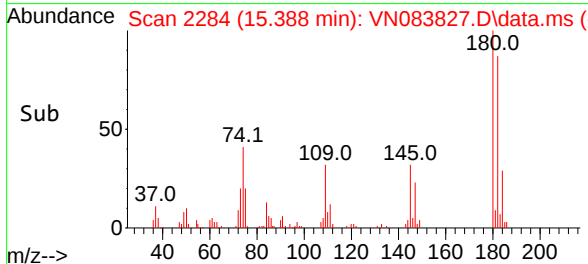
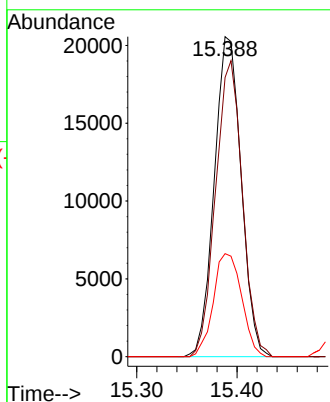
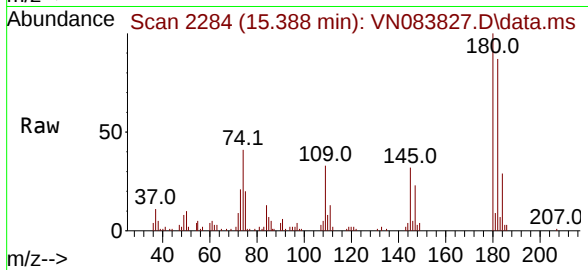
#93
1,2,4-Trichlorobenzene
Concen: 18.521 ug/l
RT: 15.388 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN083827.D
Acq: 12 Sep 2024 13:19

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS02

Tgt Ion:180 Resp: 3827
Ion Ratio Lower Upper
180 100
182 91.9 48.1 144.3
145 33.9 16.9 50.7

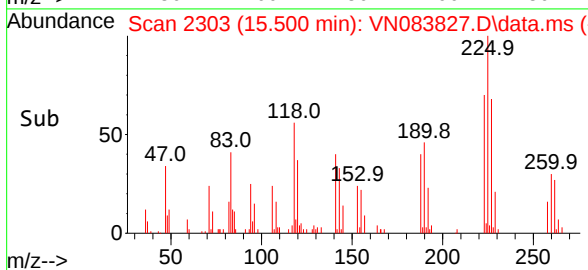
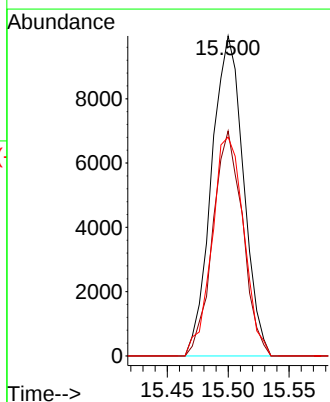
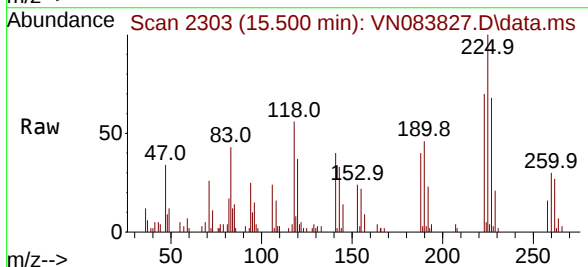
Manual Integrations
APPROVED

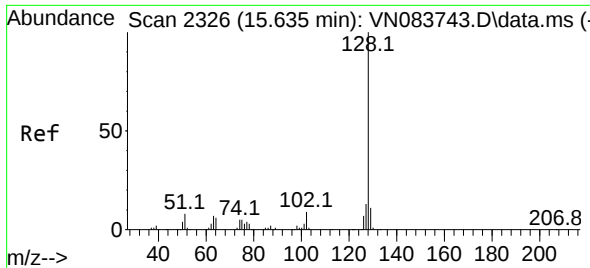
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#94
Hexachlorobutadiene
Concen: 20.622 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN083827.D
Acq: 12 Sep 2024 13:19

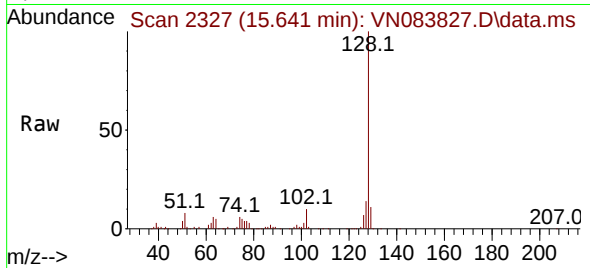
Tgt Ion:225 Resp: 18098
Ion Ratio Lower Upper
225 100
223 66.1 31.9 95.5
227 68.4 32.0 96.2





#95
Naphthalene
Concen: 21.187 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN083827.D
Acq: 12 Sep 2024 13:19

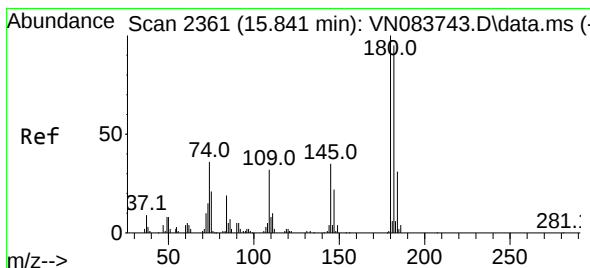
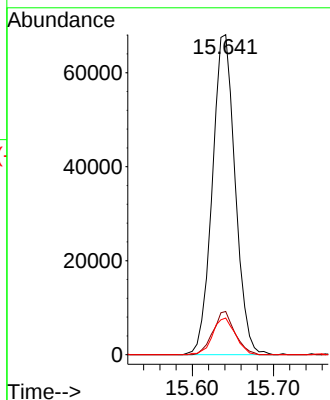
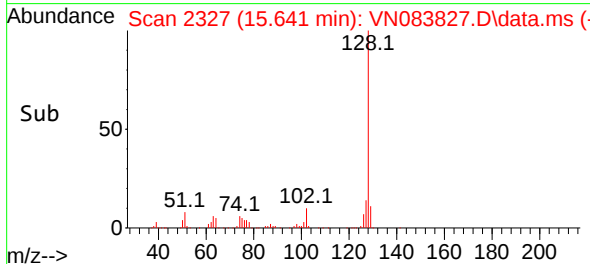
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS02



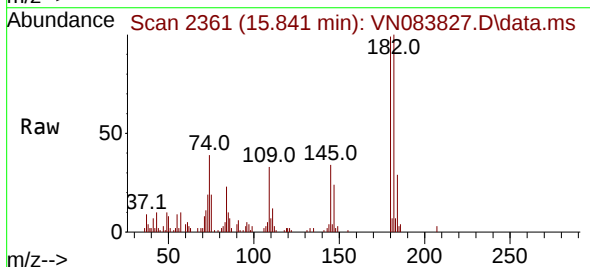
Tgt Ion:128 Resp: 133204
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 11.4 8.7 13.1

Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 09/13/2024



#96
1,2,3-Trichlorobenzene
Concen: 17.205 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN083827.D
Acq: 12 Sep 2024 13:19



Tgt Ion:180 Resp: 33979
Ion Ratio Lower Upper
180 100
182 98.4 47.1 141.4
145 36.5 17.8 53.5

