

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092324\
 Data File : VN084100.D
 Acq On : 23 Sep 2024 11:05
 Operator : JC\MD
 Sample : VN0923WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0923WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/24/2024
 Supervised By : Mahesh Dadoda 09/24/2024

Quant Time: Sep 24 01:28:49 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	140304	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	242174	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	216112	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	101675	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	106326	50.258	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.520%			
35) Dibromofluoromethane	8.165	113	79438	51.238	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.480%			
50) Toluene-d8	10.565	98	275738	51.446	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.900%			
62) 4-Bromofluorobenzene	12.847	95	107909	48.799	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 97.600%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	26807	16.452	ug/l	96
3) Chloromethane	2.359	50	30135	16.888	ug/l	98
4) Vinyl Chloride	2.518	62	28917	16.191	ug/l	94
5) Bromomethane	2.959	94	19550	19.065	ug/l	94
6) Chloroethane	3.118	64	19229	15.349	ug/l	98
7) Trichlorofluoromethane	3.500	101	51282	16.916	ug/l	94
8) Diethyl Ether	3.959	74	20300	19.976	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.365	101	29036	18.070	ug/l	97
10) Methyl Iodide	4.583	142	35180	17.214	ug/l	96
11) Tert butyl alcohol	5.518	59	33239	117.329	ug/l	99
12) 1,1-Dichloroethene	4.347	96	26707	17.599	ug/l	87
13) Acrolein	4.177	56	41753	149.374	ug/l	96
14) Allyl chloride	5.018	41	46739	17.285	ug/l	96
15) Acrylonitrile	5.718	53	83484	108.360	ug/l	98
16) Acetone	4.424	43	87030	102.619	ug/l	97
17) Carbon Disulfide	4.712	76	66307	15.620	ug/l	100
18) Methyl Acetate	5.030	43	43024	23.359	ug/l	97
19) Methyl tert-butyl Ether	5.800	73	106415	19.378	ug/l	100
20) Methylene Chloride	5.271	84	33439	19.268	ug/l	92
21) trans-1,2-Dichloroethene	5.789	96	28069	17.259	ug/l	90
22) Diisopropyl ether	6.671	45	112603	20.229	ug/l	98
23) Vinyl Acetate	6.600	43	418625	102.697	ug/l	98
24) 1,1-Dichloroethane	6.571	63	60721	18.935	ug/l	97
25) 2-Butanone	7.488	43	117621	105.520	ug/l	95
26) 2,2-Dichloropropane	7.494	77	54741	18.535	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	36076	18.686	ug/l	96
28) Bromochloromethane	7.812	49	30793	22.801	ug/l	95
29) Tetrahydrofuran	7.835	42	74115	112.449	ug/l	97
30) Chloroform	7.965	83	63649	18.695	ug/l	98
31) Cyclohexane	8.259	56	52049	17.023	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	57595	18.398	ug/l	95
36) 1,1-Dichloropropene	8.377	75	41604	17.829	ug/l	99
37) Ethyl Acetate	7.559	43	48271	22.789	ug/l	95
38) Carbon Tetrachloride	8.365	117	48746	18.413	ug/l	96
39) Methylcyclohexane	9.600	83	44723	16.838	ug/l	98
40) Benzene	8.606	78	133205	18.965	ug/l	99

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Quant Time: Sep 24 01:28:49 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)
41) Methacrylonitrile	7.777	41	27495	21.947	ug/l	96
42) 1,2-Dichloroethane	8.671	62	51834	19.750	ug/l	99
43) Isopropyl Acetate	8.688	43	94239	24.552	ug/l	97
44) Trichloroethene	9.353	130	30734	18.896	ug/l	99
45) 1,2-Dichloropropane	9.618	63	34096	20.085	ug/l	95
46) Dibromomethane	9.706	93	24167	20.325	ug/l	99
47) Bromodichloromethane	9.888	83	52660	20.464	ug/l	99
48) Methyl methacrylate	9.677	41	37760	20.735	ug/l	99
49) 1,4-Dioxane	9.694	88	13432	448.364	ug/l #	89
51) 4-Methyl-2-Pentanone	10.447	43	241130	115.405	ug/l	98
52) Toluene	10.629	92	83662	19.474	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	50797	19.475	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	55027	20.084	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	32647	20.355	ug/l	97
56) Ethyl methacrylate	10.871	69	53385	21.634	ug/l	98
57) 1,3-Dichloropropane	11.165	76	57893	21.002	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	112699	126.750	ug/l	97
59) 2-Hexanone	11.194	43	176559	114.234	ug/l	98
60) Dibromochloromethane	11.359	129	37136	20.689	ug/l	97
61) 1,2-Dibromoethane	11.471	107	32589	20.374	ug/l	96
64) Tetrachloroethene	11.100	164	25612	17.821	ug/l	99
65) Chlorobenzene	11.888	112	88340	18.392	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	32717	19.648	ug/l	99
67) Ethyl Benzene	11.965	91	157100	18.412	ug/l	96
68) m/p-Xylenes	12.070	106	114104	36.020	ug/l	97
69) o-Xylene	12.400	106	57074	18.611	ug/l	99
70) Styrene	12.412	104	96883	19.250	ug/l	99
71) Bromoform	12.576	173	24265	21.625	ug/l #	100
73) Isopropylbenzene	12.694	105	146833	18.666	ug/l	100
74) N-amyl acetate	12.494	43	70034	20.867	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	47292	20.462	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	41143m	20.054	ug/l	
77) Bromobenzene	12.976	156	34433	18.185	ug/l	97
78) n-propylbenzene	13.035	91	173703	18.979	ug/l	98
79) 2-Chlorotoluene	13.123	91	111258	19.061	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	123926	18.686	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	15652m	19.981	ug/l	
82) 4-Chlorotoluene	13.217	91	111182	18.981	ug/l	99
83) tert-Butylbenzene	13.435	119	106876	18.420	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	123797	18.583	ug/l	99
85) sec-Butylbenzene	13.617	105	148294	19.271	ug/l	98
86) p-Isopropyltoluene	13.729	119	122354	18.968	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	63896	17.881	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	65378	18.068	ug/l	99
89) n-Butylbenzene	14.053	91	104309	18.010	ug/l	99
90) Hexachloroethane	14.329	117	23537	18.152	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	64102	18.587	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	10049	21.811	ug/l	94
93) 1,2,4-Trichlorobenzene	15.388	180	30790	16.637	ug/l	99
94) Hexachlorobutadiene	15.500	225	14561	18.527	ug/l	97
95) Naphthalene	15.641	128	101246	17.982	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	31037	17.548	ug/l	99

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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

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MSVOA_N
ClientSampleId :
VN0923WBSD01

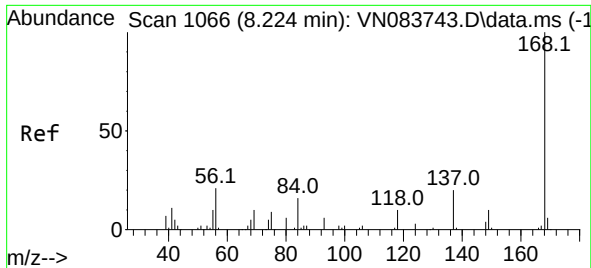
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024

Quant Time: Sep 24 01:28:49 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

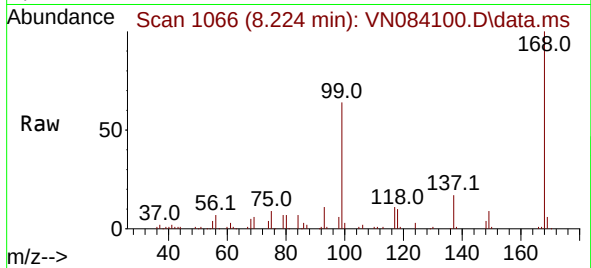
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084100.D
Acq: 23 Sep 2024 11:05

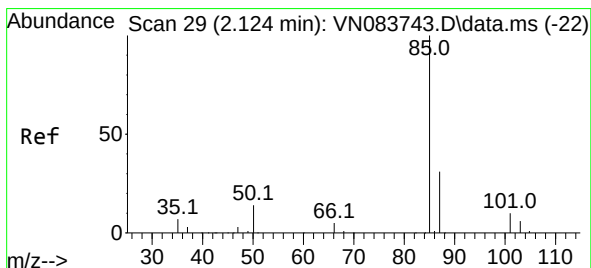
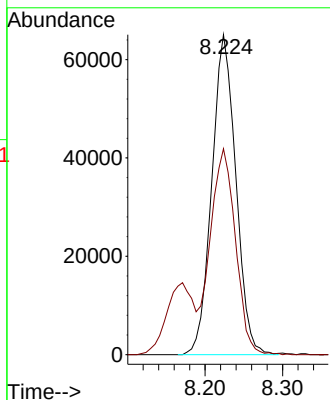
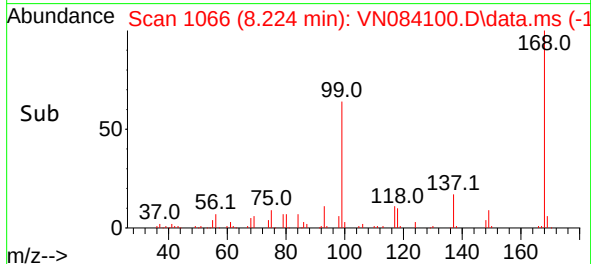
Instrument :
MSVOA_N
ClientSampleId :
VN0923WBSD01



Tgt Ion:168 Resp: 140304
Ion Ratio Lower Upper
168 100
99 63.9 54.2 81.2

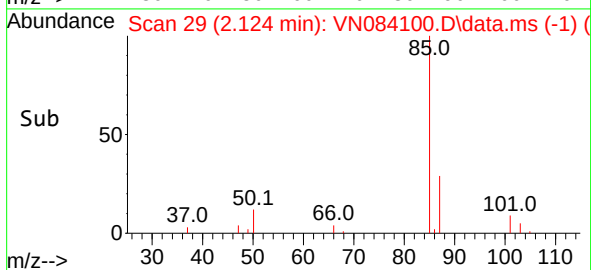
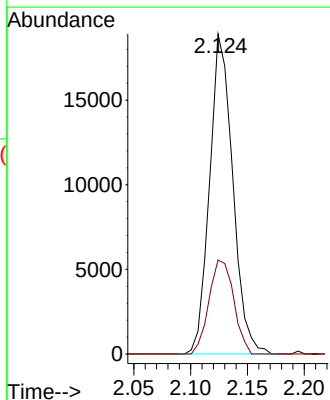
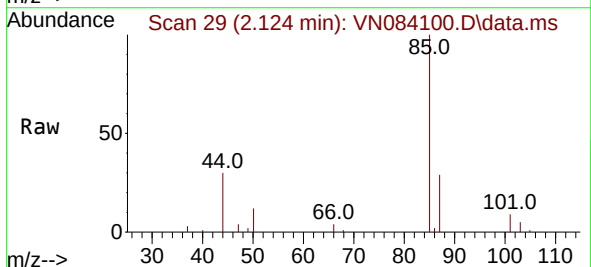
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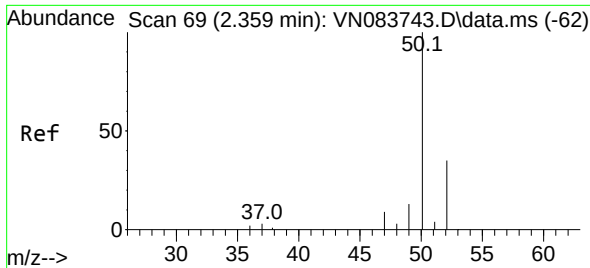
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024



#2
Dichlorodifluoromethane
Concen: 16.452 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN084100.D
Acq: 23 Sep 2024 11:05

Tgt Ion: 85 Resp: 26807
Ion Ratio Lower Upper
85 100
87 29.4 15.7 47.0





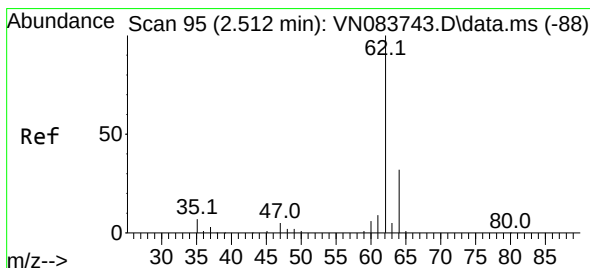
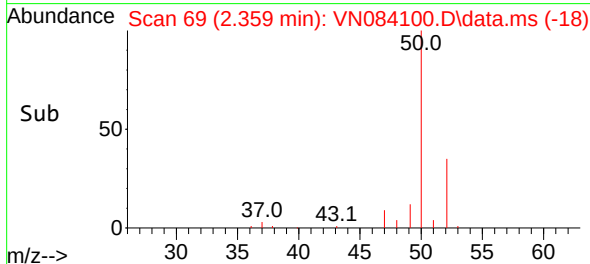
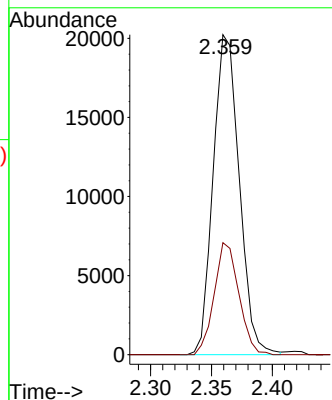
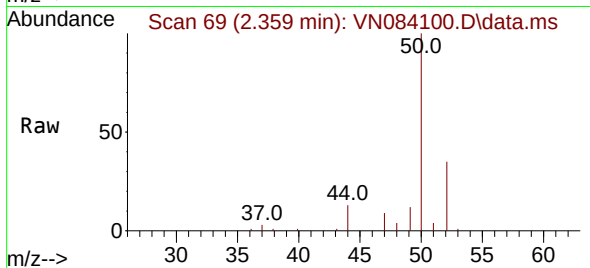
#3
Chloromethane
Concen: 16.888 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN084100.D
Acq: 23 Sep 2024 11:05

Instrument :
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VN0923WBSD01

Tgt Ion: 50 Resp: 3013
Ion Ratio Lower Upper
50 100
52 35.0 27.2 40.8

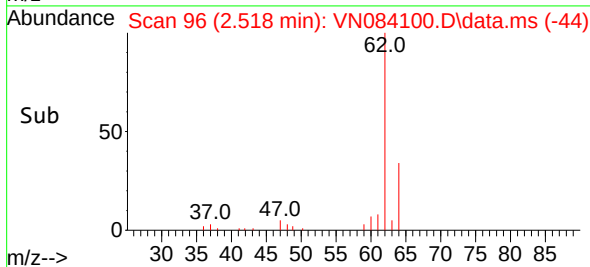
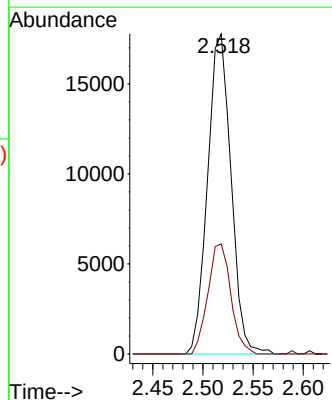
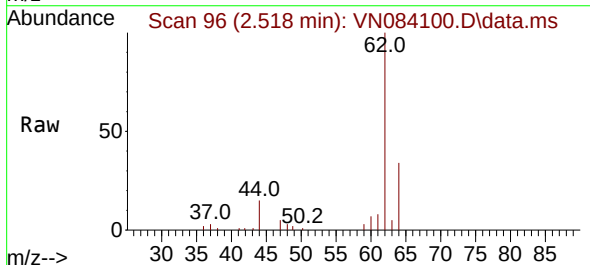
Manual Integrations
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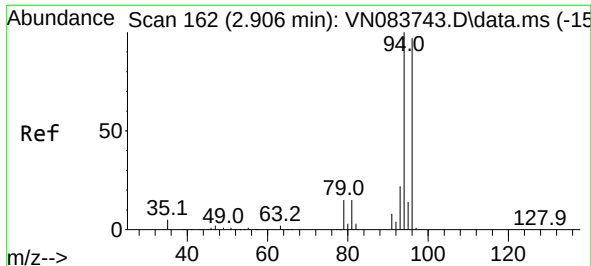
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024



#4
Vinyl Chloride
Concen: 16.191 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN084100.D
Acq: 23 Sep 2024 11:05

Tgt Ion: 62 Resp: 28917
Ion Ratio Lower Upper
62 100
64 34.4 24.7 37.1





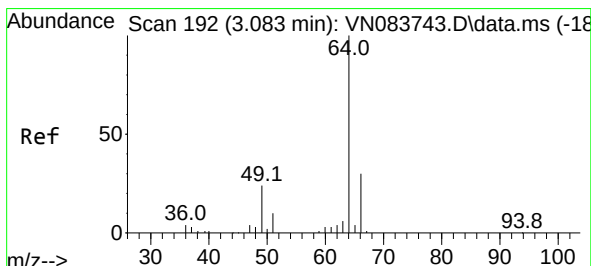
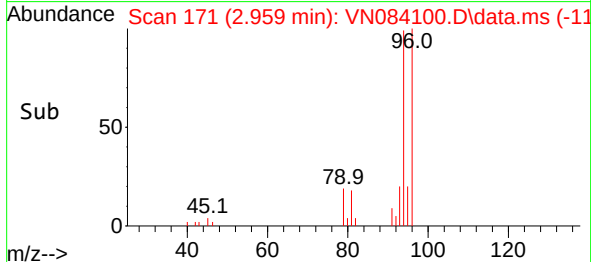
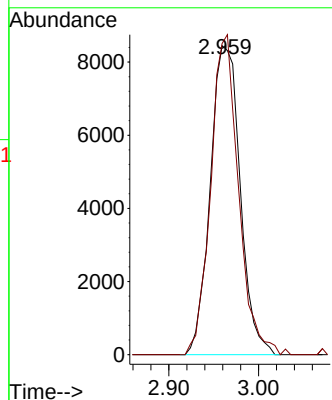
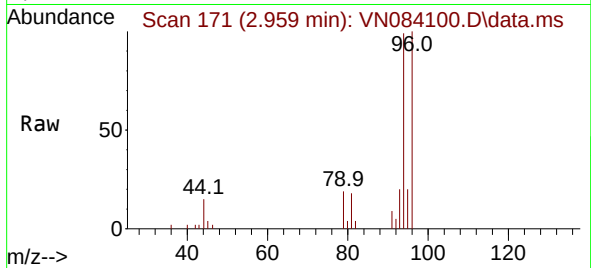
#5
Bromomethane
Concen: 19.065 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.053 min
Lab File: VN084100.D
Acq: 23 Sep 2024 11:05

Instrument :
MSVOA_N
ClientSampleId :
VN0923WBSD01

Tgt Ion: 94 Resp: 19550
Ion Ratio Lower Upper
94 100
96 100.7 76.0 114.0

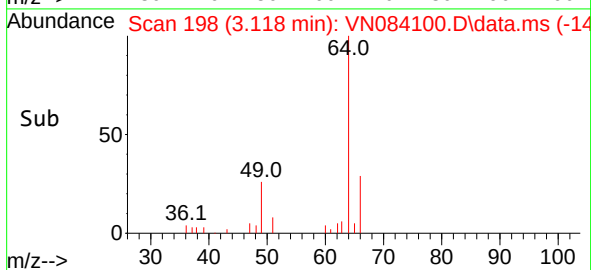
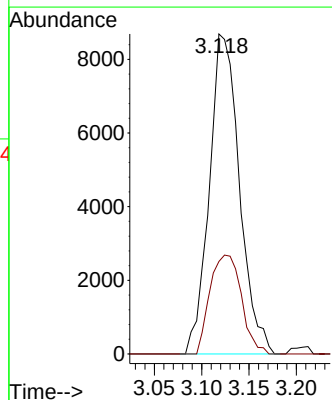
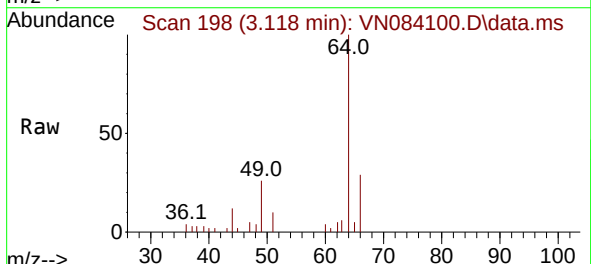
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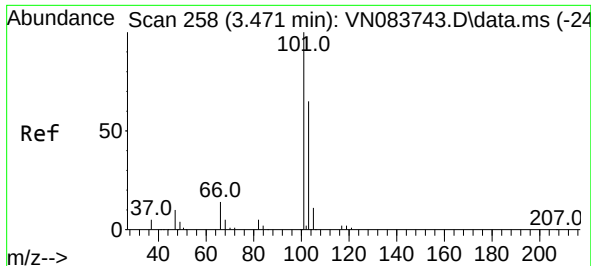
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024



#6
Chloroethane
Concen: 15.349 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.035 min
Lab File: VN084100.D
Acq: 23 Sep 2024 11:05

Tgt Ion: 64 Resp: 19229
Ion Ratio Lower Upper
64 100
66 28.9 23.9 35.9





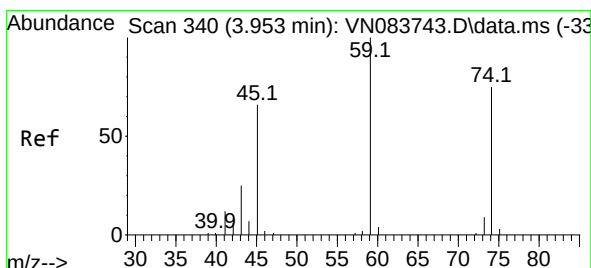
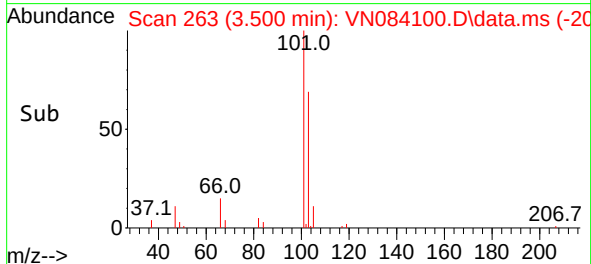
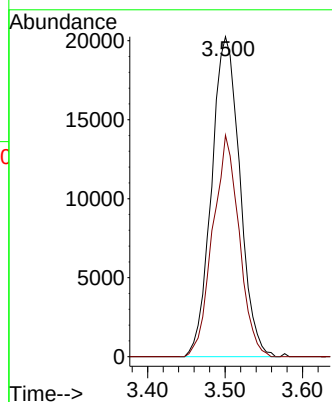
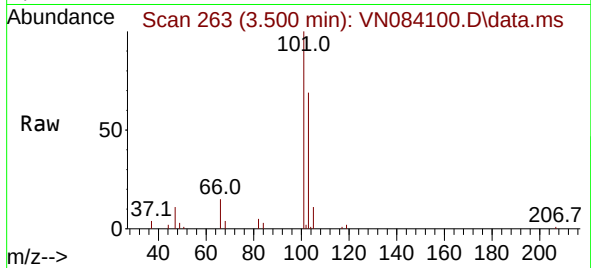
#7
 Trichlorofluoromethane
 Concen: 16.916 ug/l
 RT: 3.500 min Scan# 20
 Delta R.T. 0.029 min
 Lab File: VN084100.D
 Acq: 23 Sep 2024 11:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0923WBSD01

Tgt Ion:101 Resp: 5128
 Ion Ratio Lower Upper
 101 100
 103 69.2 51.4 77.0

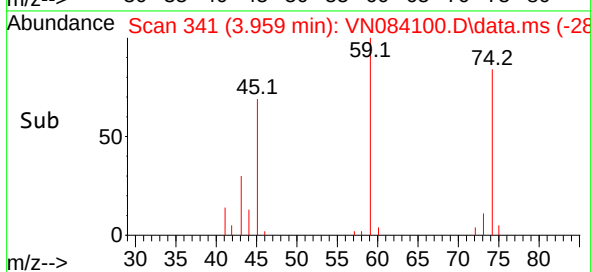
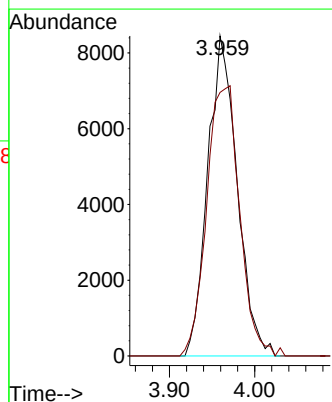
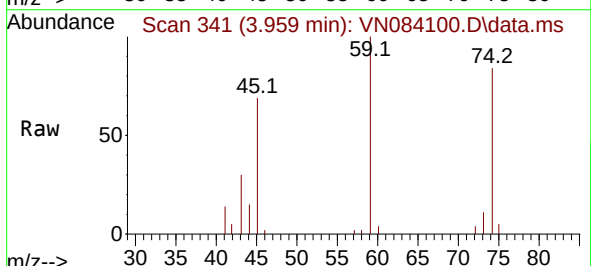
Manual Integrations
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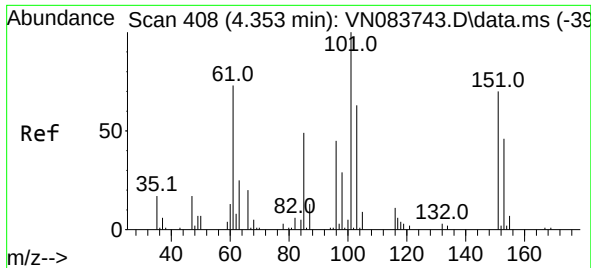
Reviewed By :John Carlone 09/24/2024
 Supervised By :Mahesh Dadoda 09/24/2024



#8
 Diethyl Ether
 Concen: 19.976 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN084100.D
 Acq: 23 Sep 2024 11:05

Tgt Ion: 74 Resp: 20300
 Ion Ratio Lower Upper
 74 100
 45 94.6 46.7 140.1





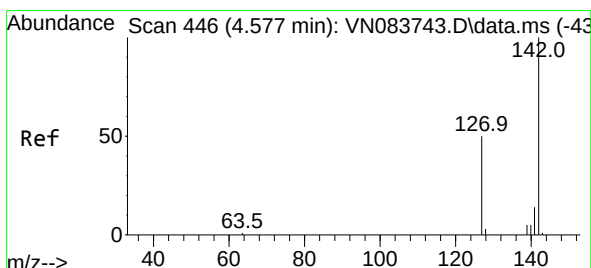
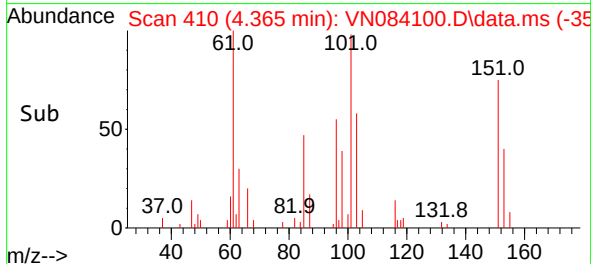
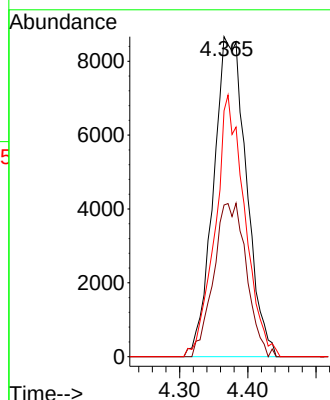
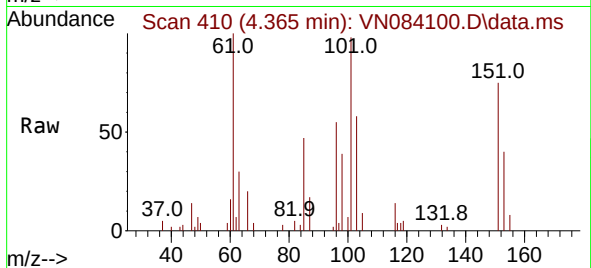
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.070 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.012 min
Lab File: VN084100.D
Acq: 23 Sep 2024 11:05

Instrument :
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VN0923WBSD01

Tgt Ion:101 Resp: 29030
Ion Ratio Lower Upper
101 100
85 47.9 36.2 54.4
151 73.9 57.7 86.5

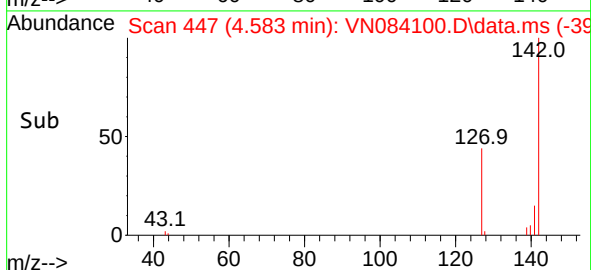
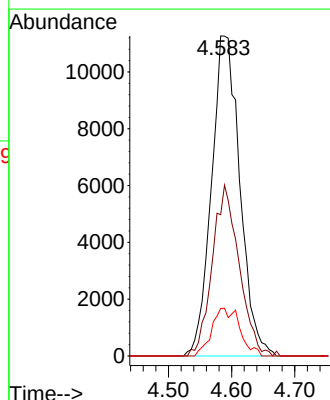
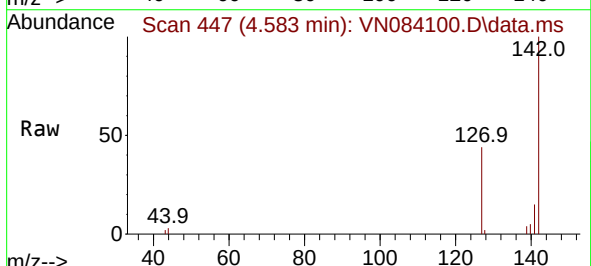
Manual Integrations
APPROVED

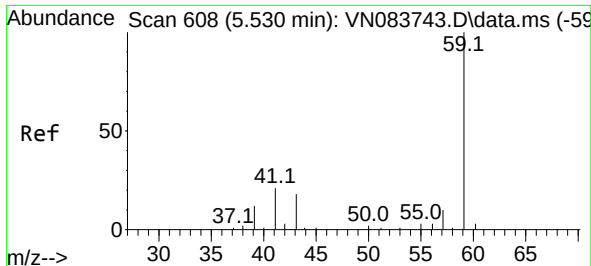
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024



#10
Methyl Iodide
Concen: 17.214 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.006 min
Lab File: VN084100.D
Acq: 23 Sep 2024 11:05

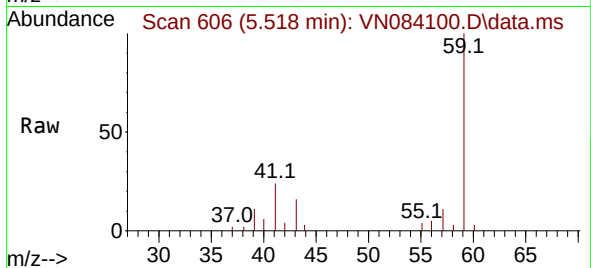
Tgt Ion:142 Resp: 35180
Ion Ratio Lower Upper
142 100
127 44.1 37.5 56.3
141 14.8 11.0 16.4





#11
Tert butyl alcohol
Concen: 117.329 ug/l
RT: 5.518 min Scan# 608
Delta R.T. -0.012 min
Lab File: VN084100.D
Acq: 23 Sep 2024 11:05

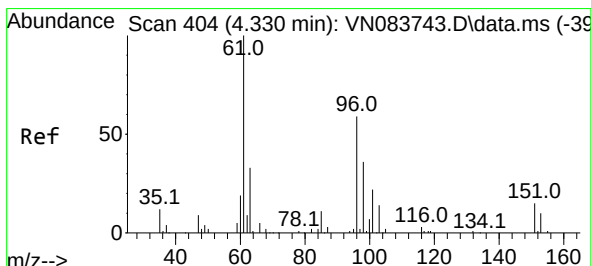
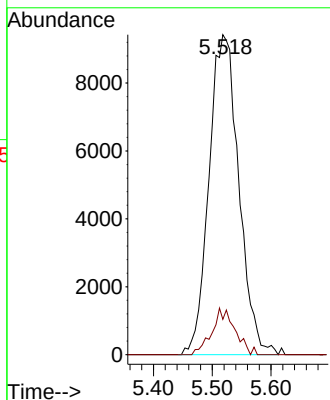
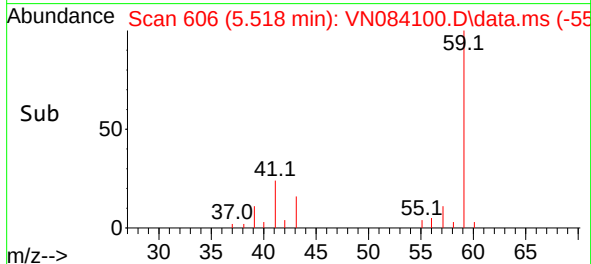
Instrument :
MSVOA_N
ClientSampleId :
VN0923WBSD01



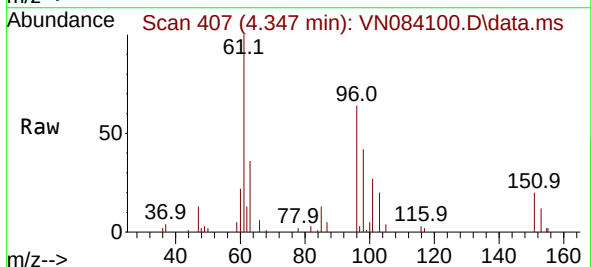
Tgt Ion: 59 Resp: 33239
Ion Ratio Lower Upper
59 100
57 11.2 8.7 13.1

Manual Integrations
APPROVED

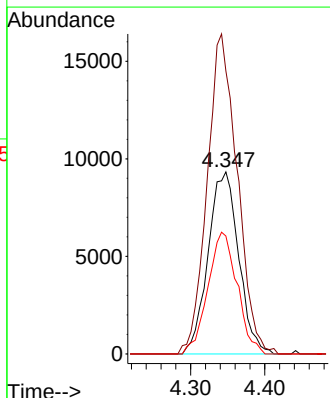
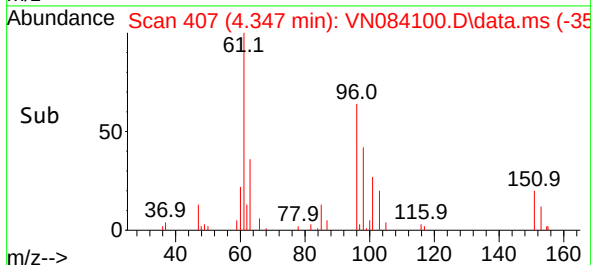
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024

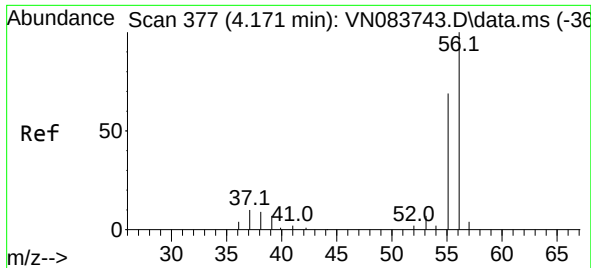


#12
1,1-Dichloroethene
Concen: 17.599 ug/l
RT: 4.347 min Scan# 407
Delta R.T. 0.018 min
Lab File: VN084100.D
Acq: 23 Sep 2024 11:05



Tgt Ion: 96 Resp: 26707
Ion Ratio Lower Upper
96 100
61 155.5 143.4 215.0
98 64.8 52.7 79.1





#13

Acrolein

Concen: 149.374 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN084100.D

Acq: 23 Sep 2024 11:05

Instrument :

MSVOA_N

ClientSampleId :

VN0923WBSD01

Tgt Ion: 56 Resp: 4175

Ion Ratio Lower Upper

56 100

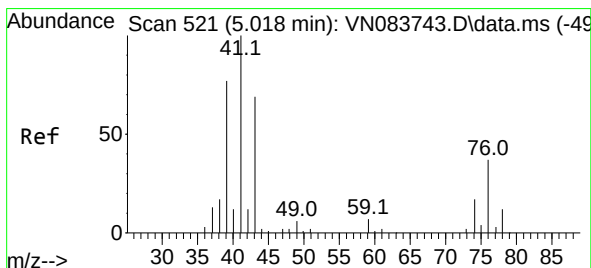
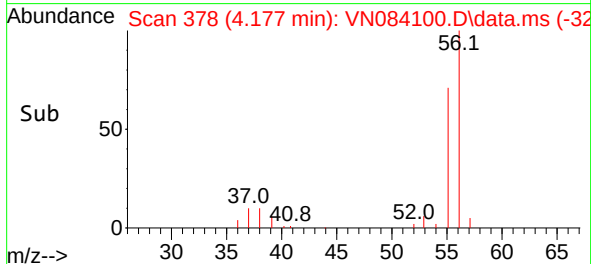
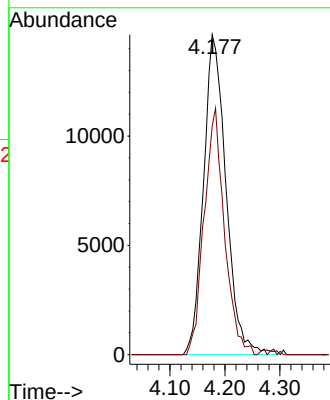
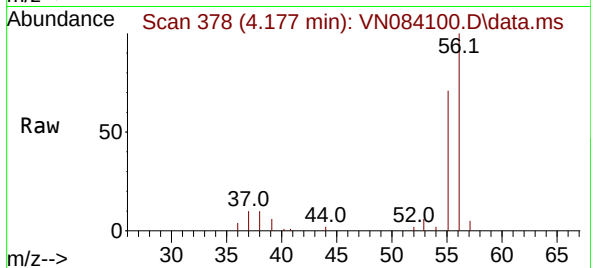
55 69.4 58.2 87.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/24/2024

Supervised By :Mahesh Dadoda 09/24/2024



#14

Allyl chloride

Concen: 17.285 ug/l

RT: 5.018 min Scan# 521

Delta R.T. -0.000 min

Lab File: VN084100.D

Acq: 23 Sep 2024 11:05

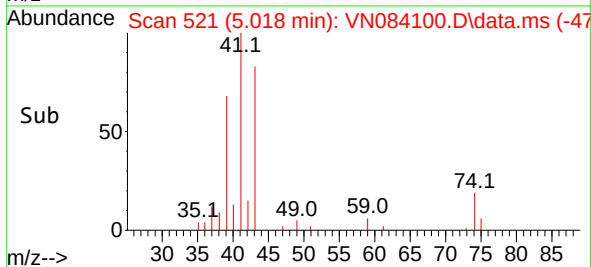
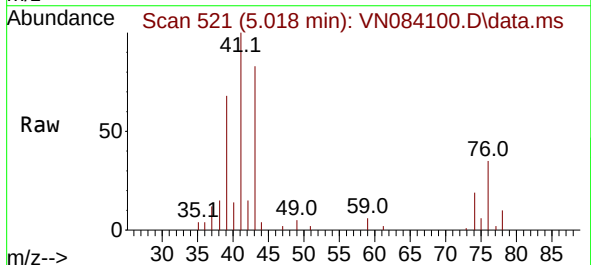
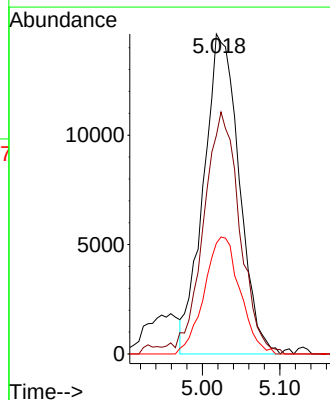
Tgt Ion: 41 Resp: 46739

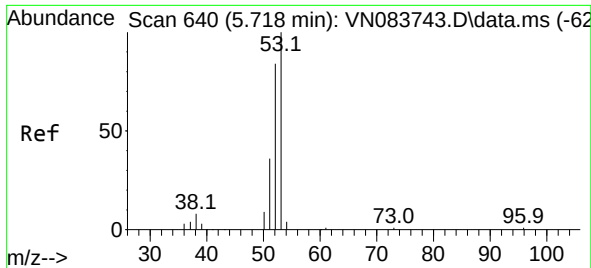
Ion Ratio Lower Upper

41 100

39 77.2 59.3 88.9

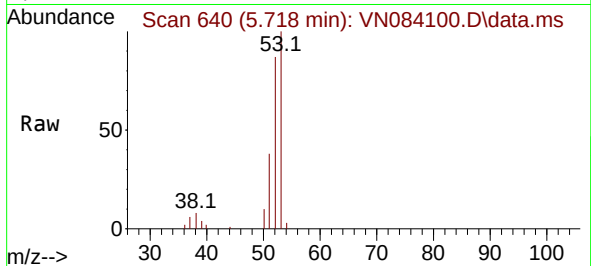
76 36.6 27.7 41.5





#15
Acrylonitrile
Concen: 108.360 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN084100.D
Acq: 23 Sep 2024 11:05

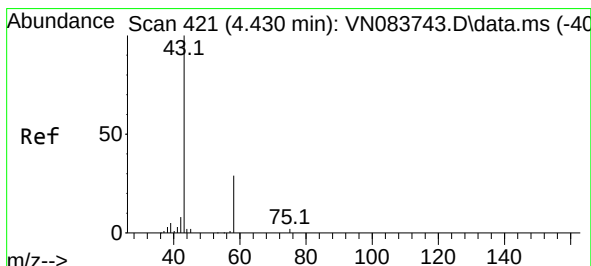
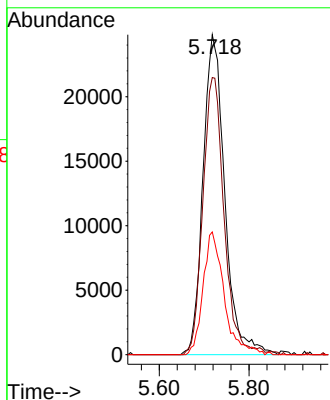
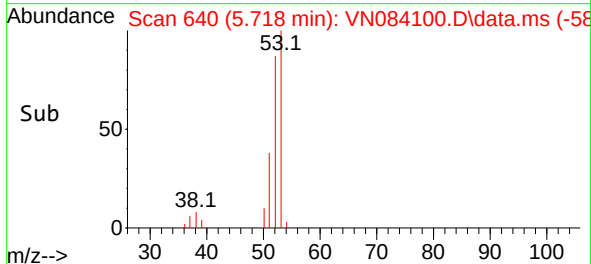
Instrument :
MSVOA_N
ClientSampleId :
VN0923WBSD01



Tgt Ion: 53 Resp: 83484
Ion Ratio Lower Upper
53 100
52 84.5 66.1 99.1
51 37.2 29.6 44.4

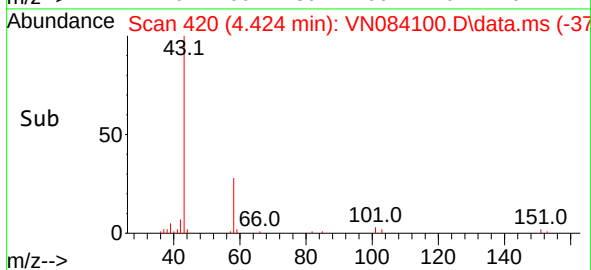
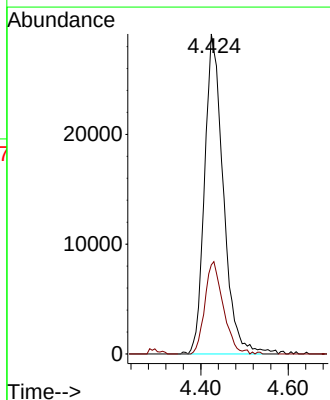
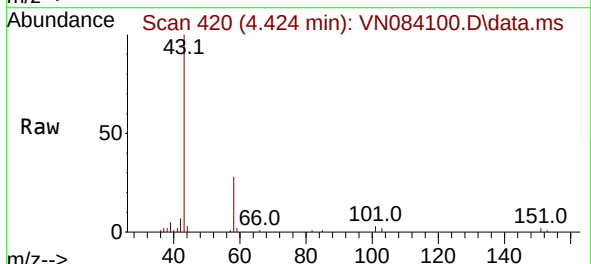
Manual Integrations
APPROVED

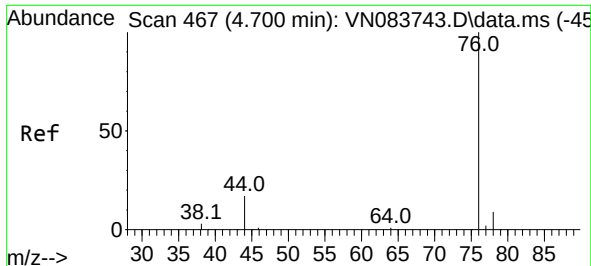
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024



#16
Acetone
Concen: 102.619 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN084100.D
Acq: 23 Sep 2024 11:05

Tgt Ion: 43 Resp: 87030
Ion Ratio Lower Upper
43 100
58 27.9 23.7 35.5





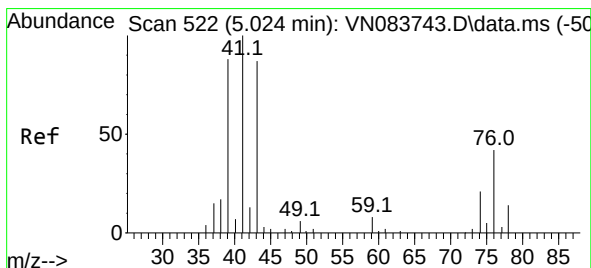
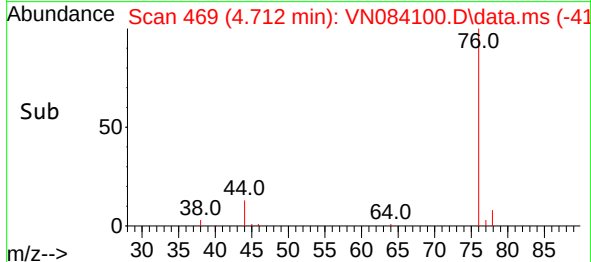
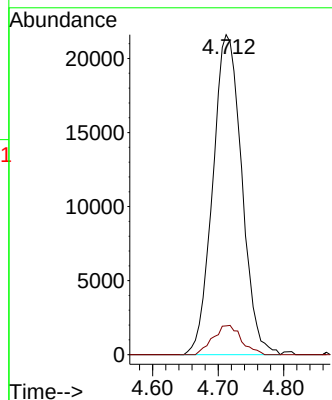
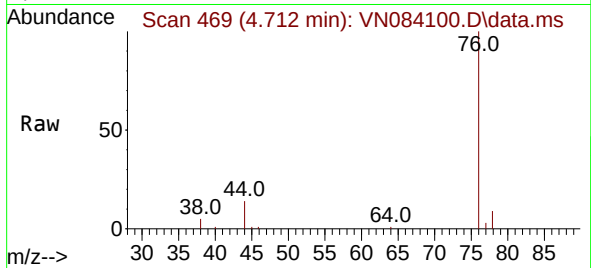
#17
Carbon Disulfide
Concen: 15.620 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.012 min
Lab File: VN084100.D
Acq: 23 Sep 2024 11:05

Instrument :
MSVOA_N
ClientSampleId :
VN0923WBSD01

Tgt Ion: 76 Resp: 6630
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7

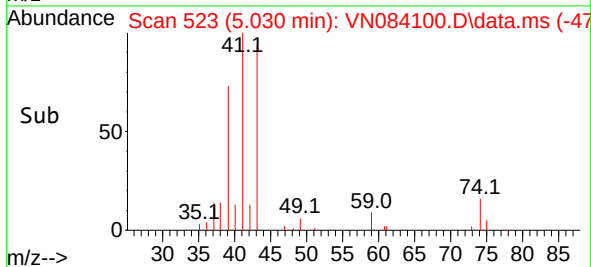
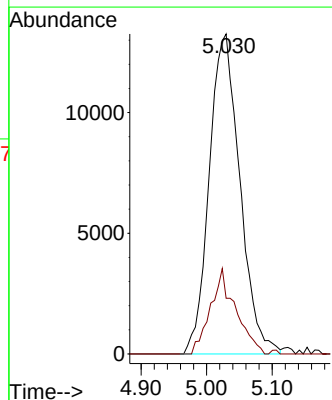
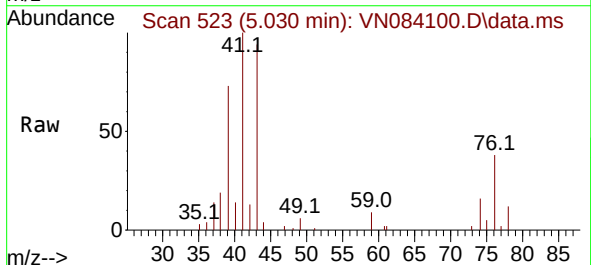
Manual Integrations
APPROVED

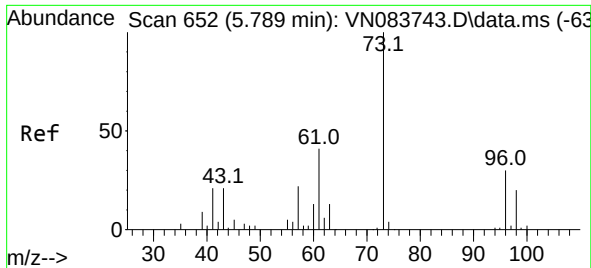
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024



#18
Methyl Acetate
Concen: 23.359 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN084100.D
Acq: 23 Sep 2024 11:05

Tgt Ion: 43 Resp: 43024
Ion Ratio Lower Upper
43 100
74 22.0 19.0 28.4





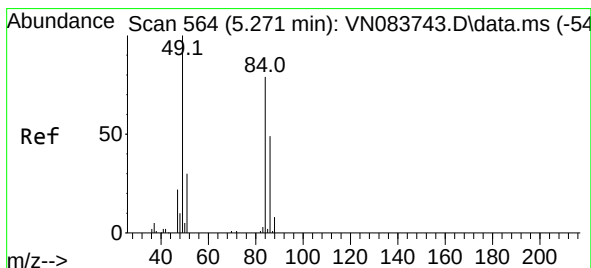
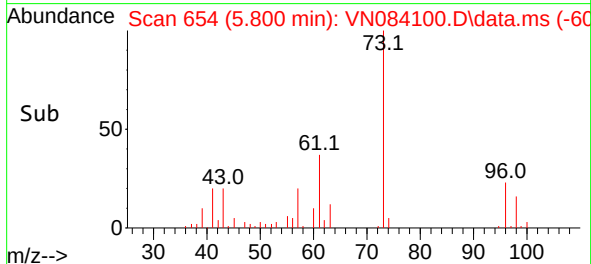
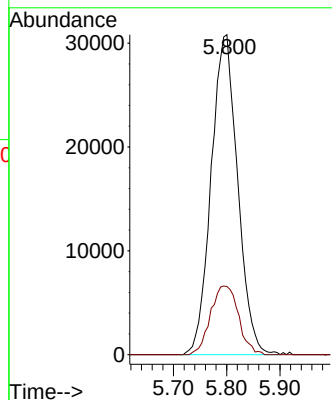
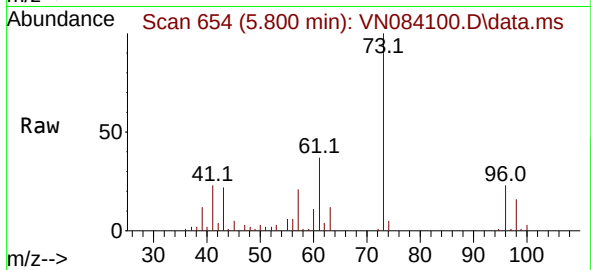
#19
Methyl tert-butyl Ether
Concen: 19.378 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN084100.D
Acq: 23 Sep 2024 11:05

Instrument :
MSVOA_N
ClientSampleId :
VN0923WBSD01

Tgt Ion: 73 Resp: 10641
Ion Ratio Lower Upper
73 100
57 21.3 17.0 25.6

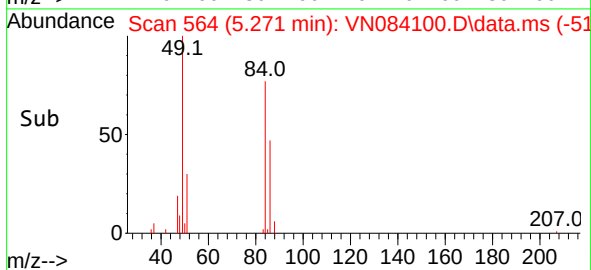
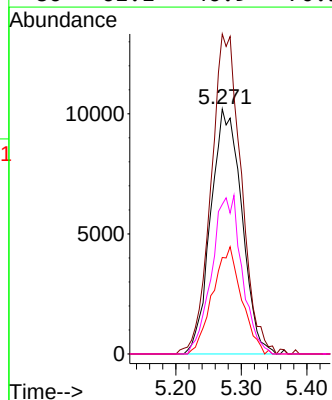
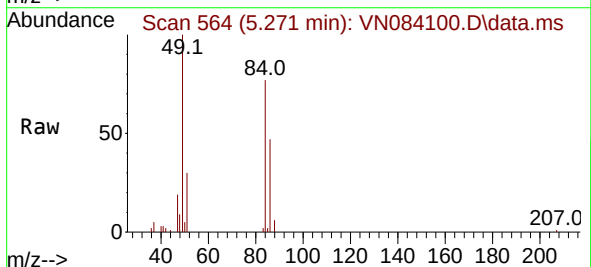
Manual Integrations
APPROVED

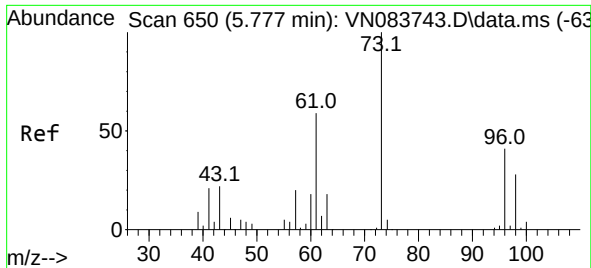
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024



#20
Methylene Chloride
Concen: 19.268 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN084100.D
Acq: 23 Sep 2024 11:05

Tgt Ion: 84 Resp: 33439
Ion Ratio Lower Upper
84 100
49 129.0 93.4 140.0
51 39.4 29.2 43.8
86 61.1 46.9 70.3





#21
trans-1,2-Dichloroethene
Concen: 17.259 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN084100.D
Acq: 23 Sep 2024 11:05

Instrument :

MSVOA_N

ClientSampleId :

VN0923WBSD01

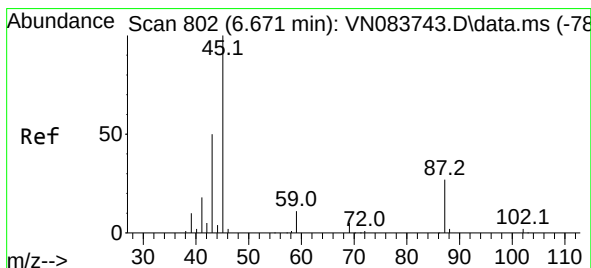
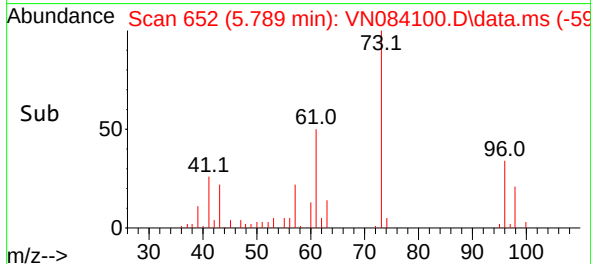
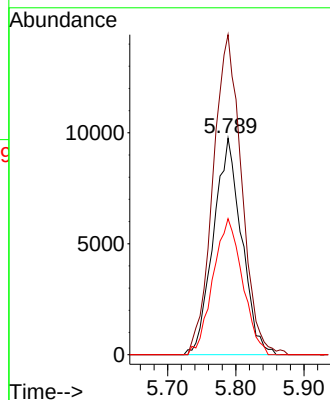
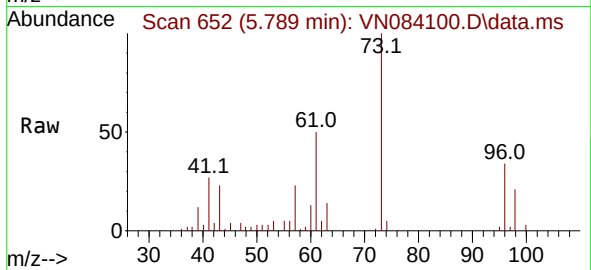
Tgt Ion: 96 Resp: 28069
Ion Ratio Lower Upper
96 100
61 147.8 106.0 159.0
98 62.9 52.2 78.2

Manual Integrations

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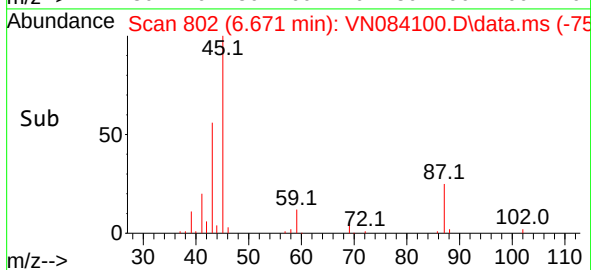
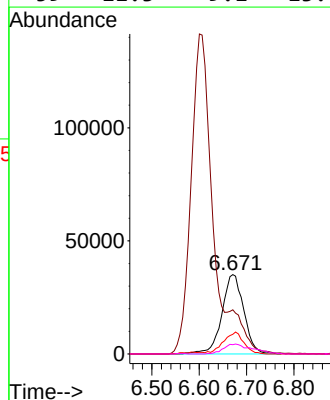
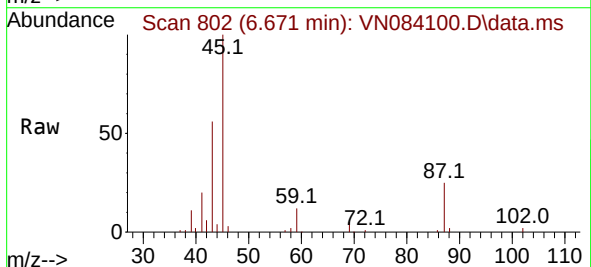
Reviewed By :John Carlone 09/24/2024

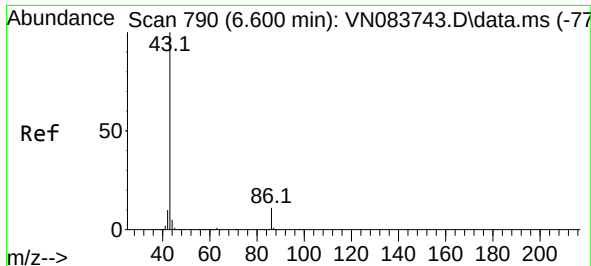
Supervised By :Mahesh Dadoda 09/24/2024



#22
Diisopropyl ether
Concen: 20.229 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN084100.D
Acq: 23 Sep 2024 11:05

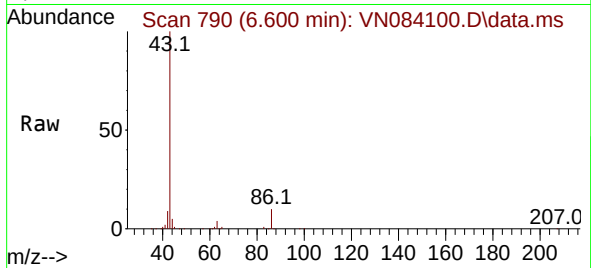
Tgt Ion: 45 Resp: 112603
Ion Ratio Lower Upper
45 100
43 54.3 43.4 65.0
87 24.9 22.6 33.8
59 11.3 9.1 13.7





#23
 Vinyl Acetate
 Concen: 102.697 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN084100.D
 Acq: 23 Sep 2024 11:05

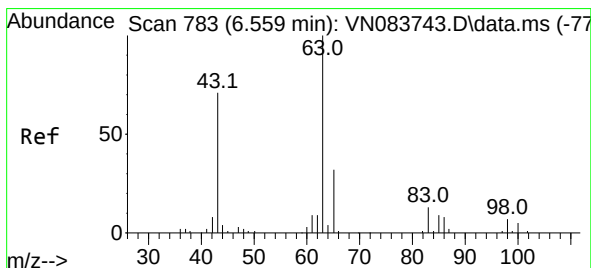
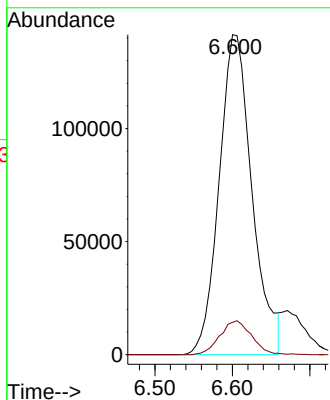
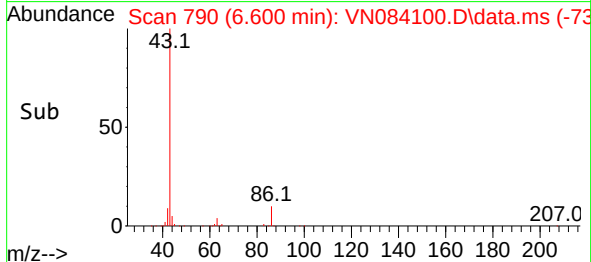
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0923WBSD01



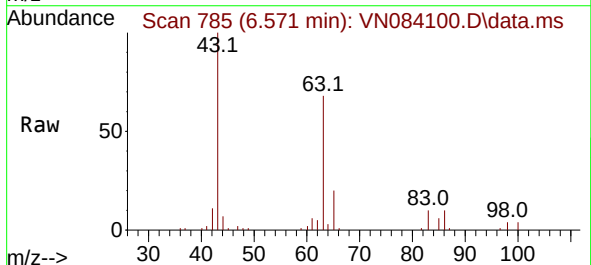
Tgt Ion: 43 Resp: 418625
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.7 13.1

Manual Integrations
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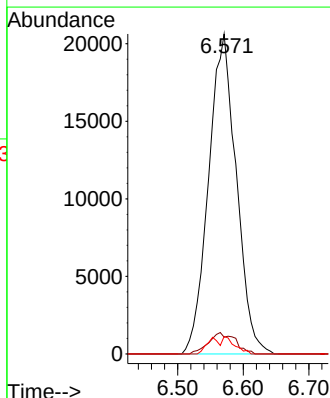
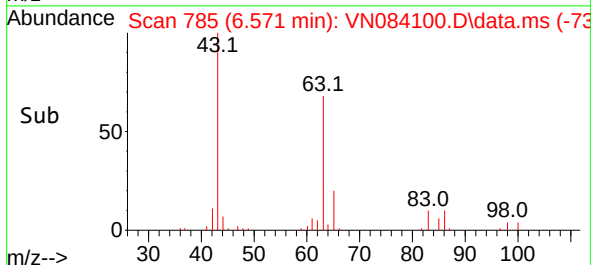
Reviewed By :John Carlone 09/24/2024
 Supervised By :Mahesh Dadoda 09/24/2024

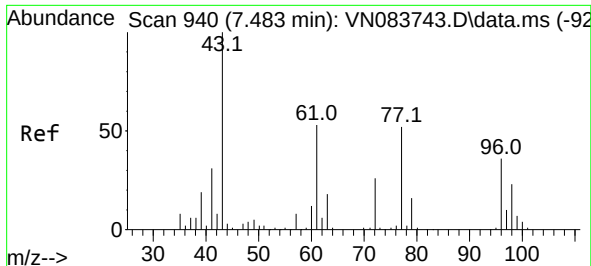


#24
 1,1-Dichloroethane
 Concen: 18.935 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.012 min
 Lab File: VN084100.D
 Acq: 23 Sep 2024 11:05



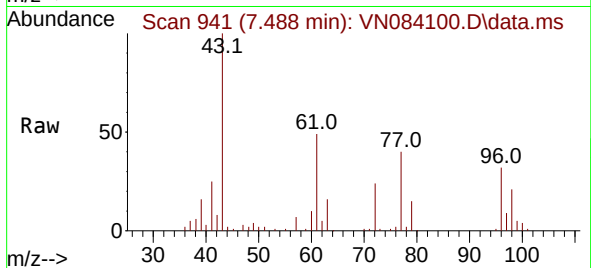
Tgt Ion: 63 Resp: 60721
 Ion Ratio Lower Upper
 63 100
 98 5.3 3.5 10.4
 100 5.5 2.5 7.5





#25
2-Butanone
Concen: 105.520 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN084100.D
Acq: 23 Sep 2024 11:05

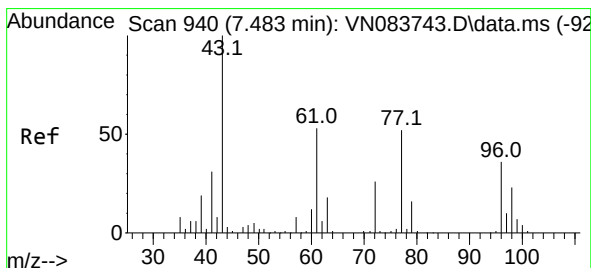
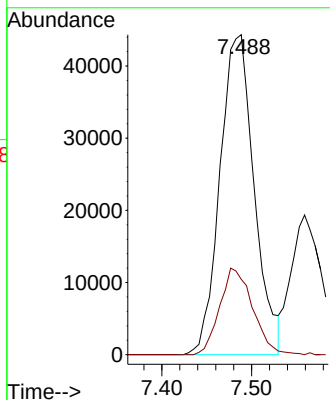
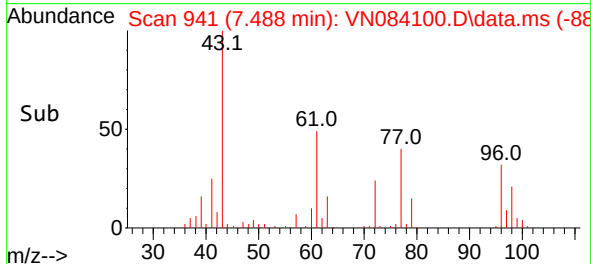
Instrument :
MSVOA_N
ClientSampleId :
VN0923WBSD01



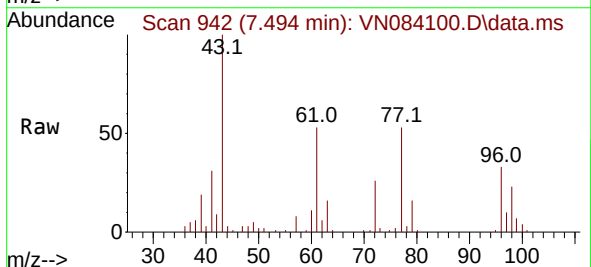
Tgt Ion: 43 Resp: 11762
Ion Ratio Lower Upper
43 100
72 23.6 20.8 31.2

Manual Integrations
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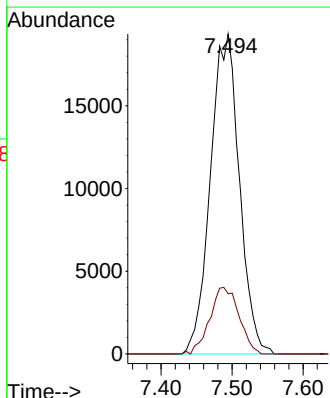
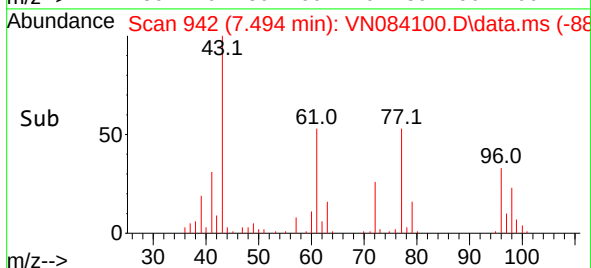
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024

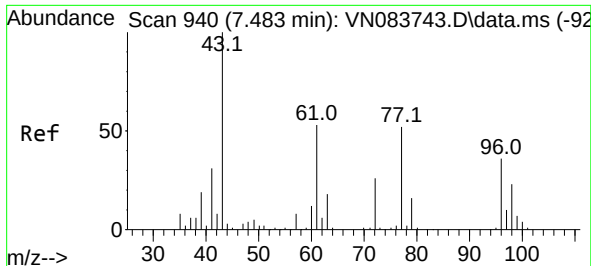


#26
2,2-Dichloropropane
Concen: 18.535 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.012 min
Lab File: VN084100.D
Acq: 23 Sep 2024 11:05



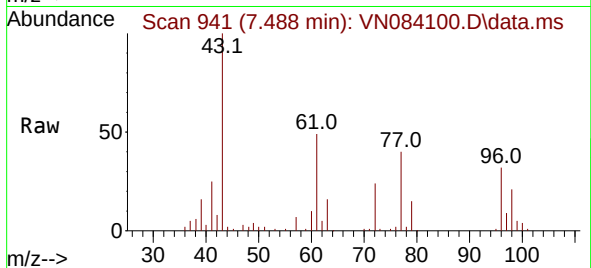
Tgt Ion: 77 Resp: 54741
Ion Ratio Lower Upper
77 100
97 21.0 10.2 30.4





#27
 cis-1,2-Dichloroethene
 Concen: 18.686 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN084100.D
 Acq: 23 Sep 2024 11:05

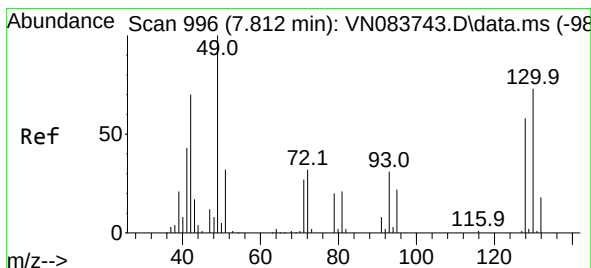
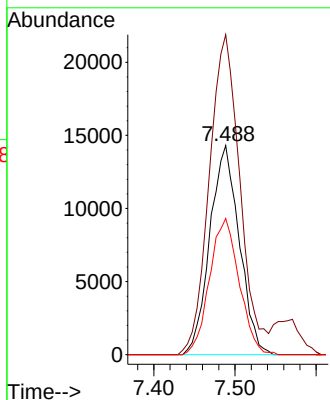
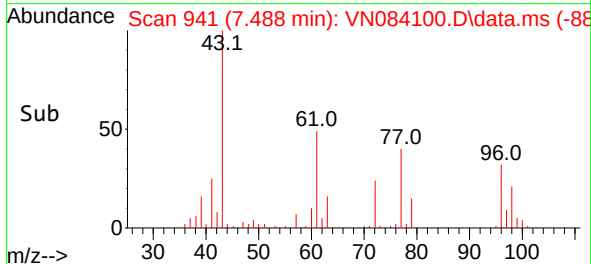
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0923WBSD01



Tgt Ion: 96 Resp: 36070
 Ion Ratio Lower Upper
 96 100
 61 159.6 0.0 306.2
 98 65.6 0.0 128.6

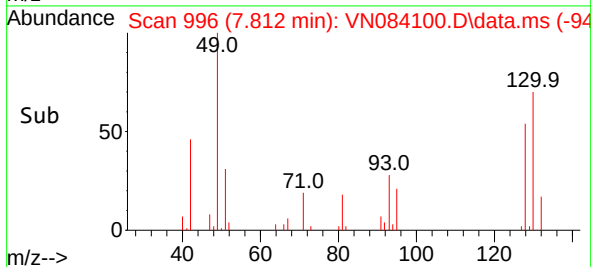
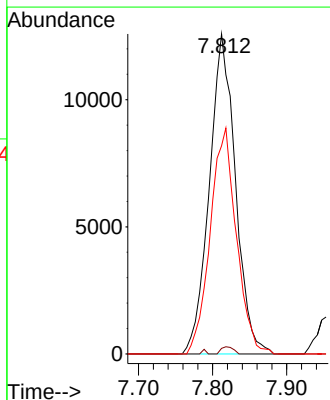
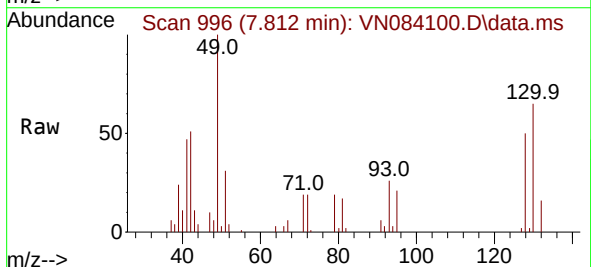
Manual Integrations
 APPROVED

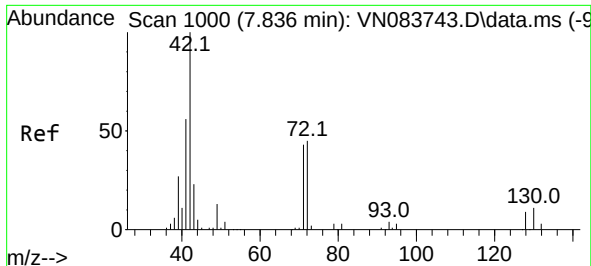
Reviewed By :John Carlone 09/24/2024
 Supervised By :Mahesh Dadoda 09/24/2024



#28
 Bromochloromethane
 Concen: 22.801 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VN084100.D
 Acq: 23 Sep 2024 11:05

Tgt Ion: 49 Resp: 30793
 Ion Ratio Lower Upper
 49 100
 129 1.0 0.0 3.4
 130 70.8 60.2 90.2





#29

Tetrahydrofuran

Concen: 112.449 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN084100.D

Acq: 23 Sep 2024 11:05

Instrument :

MSVOA_N

ClientSampleId :

VN0923WBSD01

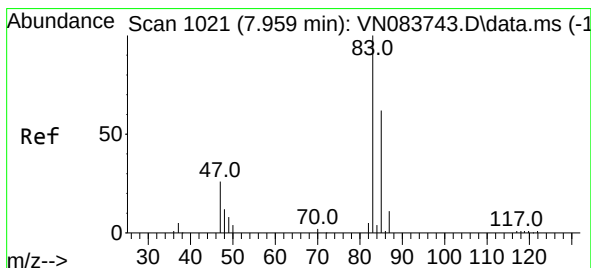
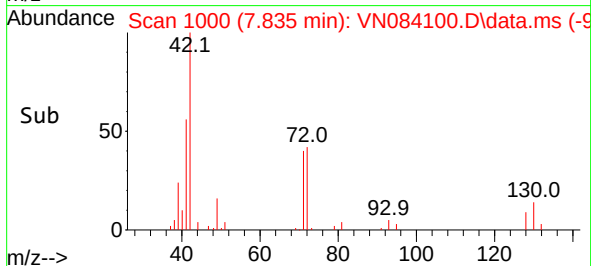
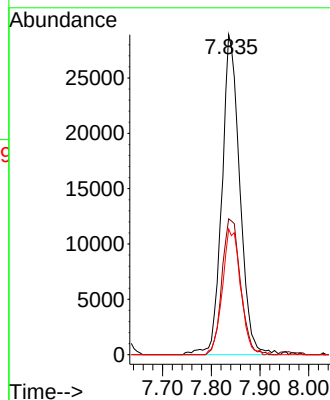
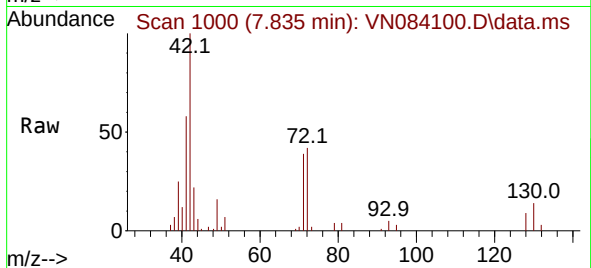
Tgt Ion:	42	Resp:	7411
Ion	Ratio	Lower	Upper
42	100		
72	43.6	35.9	53.9
71	39.8	33.9	50.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/24/2024

Supervised By :Mahesh Dadoda 09/24/2024



#30

Chloroform

Concen: 18.695 ug/l

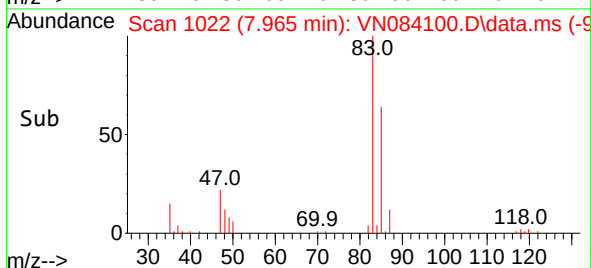
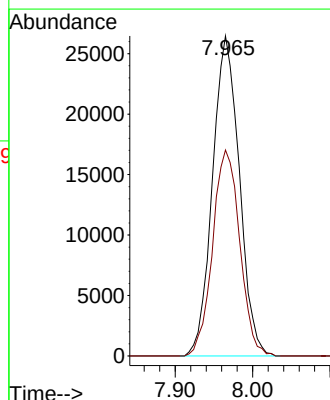
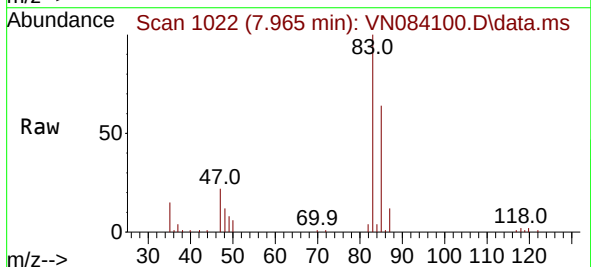
RT: 7.965 min Scan# 1022

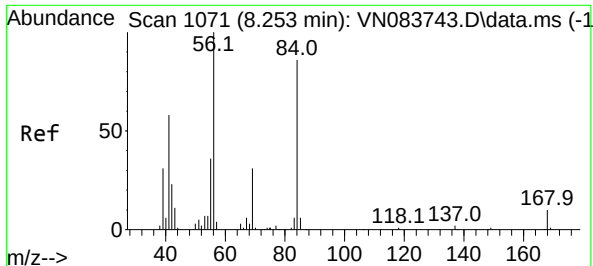
Delta R.T. 0.006 min

Lab File: VN084100.D

Acq: 23 Sep 2024 11:05

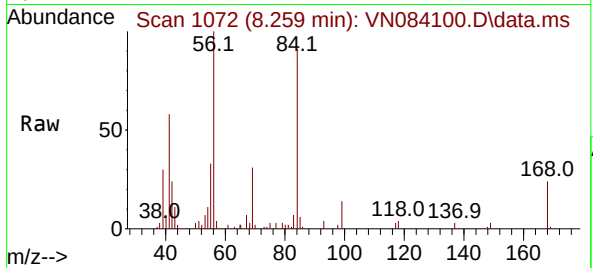
Tgt Ion:	83	Resp:	63649
Ion	Ratio	Lower	Upper
83	100		
85	64.3	52.8	79.2





#31
Cyclohexane
Concen: 17.023 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.006 min
Lab File: VN084100.D
Acq: 23 Sep 2024 11:05

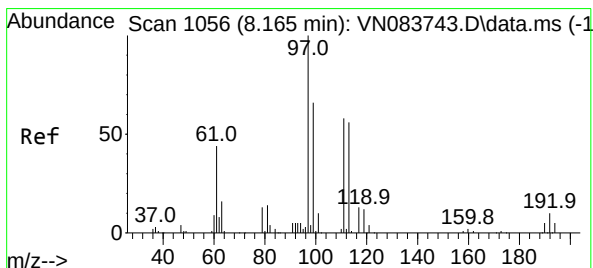
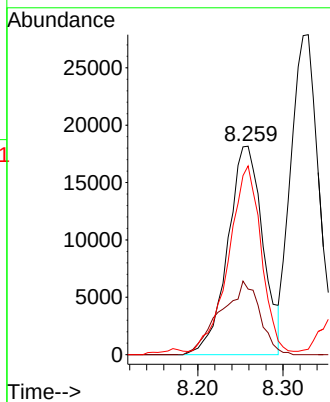
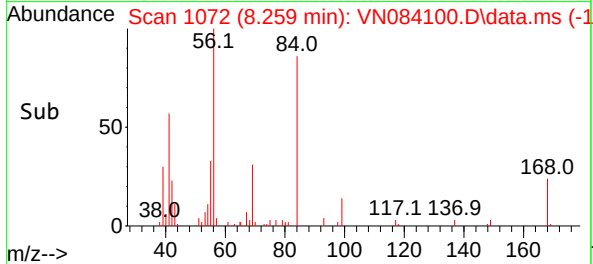
Instrument :
MSVOA_N
ClientSampleId :
VN0923WBSD01



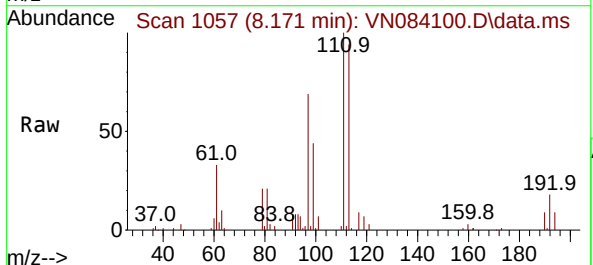
Tgt Ion: 56 Resp: 52049
Ion Ratio Lower Upper
56 100
69 31.5 26.9 40.3
84 88.2 69.2 103.8

Manual Integrations
APPROVED

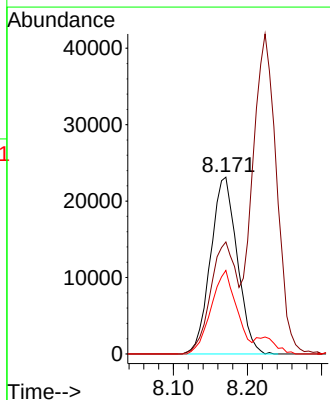
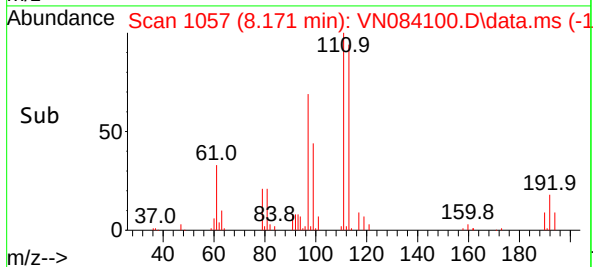
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024

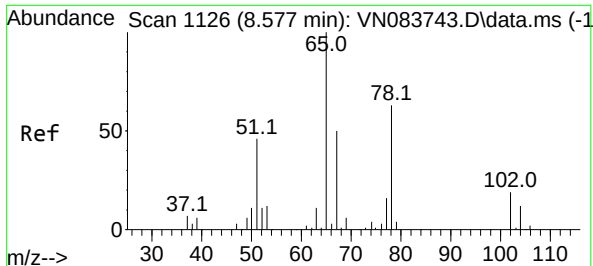


#32
1,1,1-Trichloroethane
Concen: 18.398 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN084100.D
Acq: 23 Sep 2024 11:05



Tgt Ion: 97 Resp: 57595
Ion Ratio Lower Upper
97 100
99 60.5 52.3 78.5
61 45.9 38.2 57.2





#33

1,2-Dichloroethane-d4

Concen: 50.258 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN084100.D

Acq: 23 Sep 2024 11:05

Instrument :

MSVOA_N

ClientSampleId :

VN0923WBSD01

Tgt Ion: 65 Resp: 106320

Ion Ratio Lower Upper

65 100

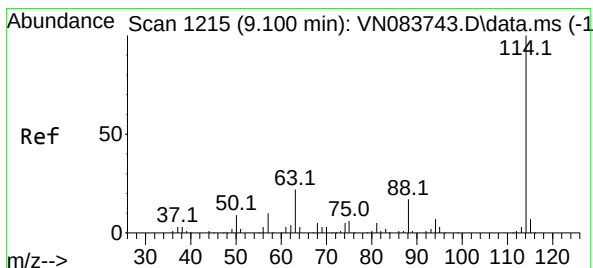
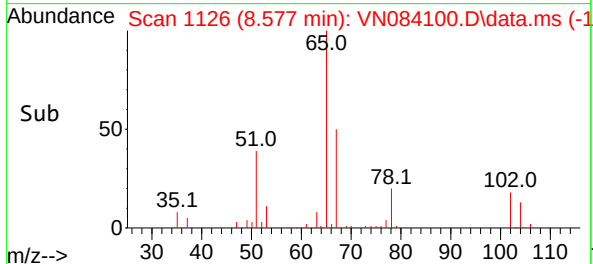
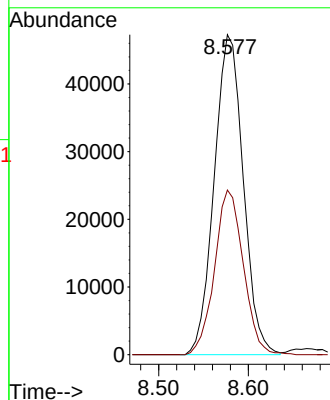
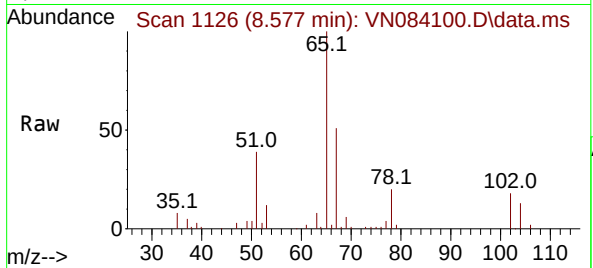
67 50.9 0.0 100.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/24/2024

Supervised By :Mahesh Dadoda 09/24/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN084100.D

Acq: 23 Sep 2024 11:05

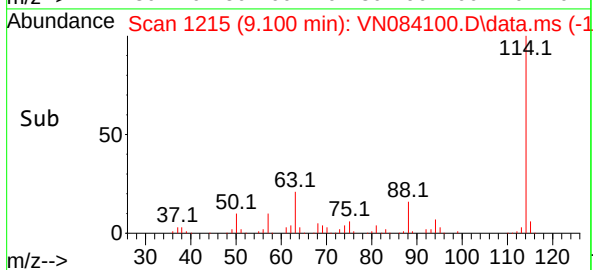
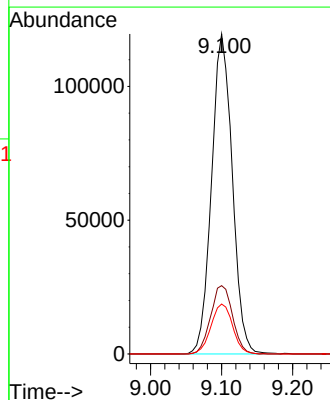
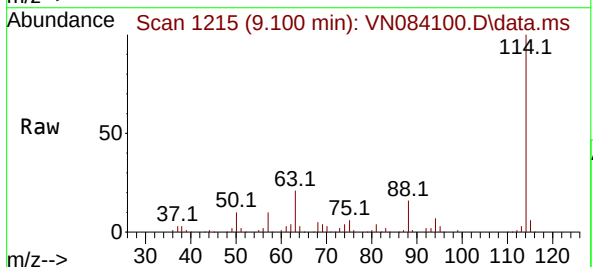
Tgt Ion:114 Resp: 242174

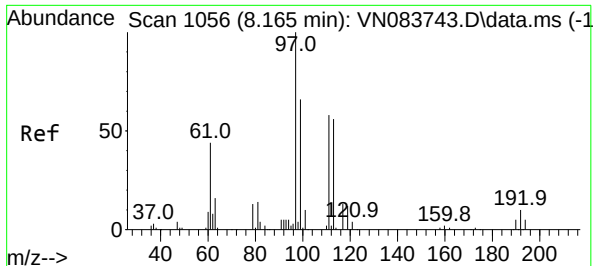
Ion Ratio Lower Upper

114 100

63 21.4 0.0 43.4

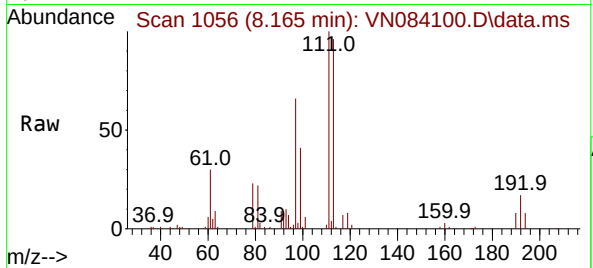
88 15.6 0.0 32.6





#35
Dibromofluoromethane
Concen: 51.238 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN084100.D
Acq: 23 Sep 2024 11:05

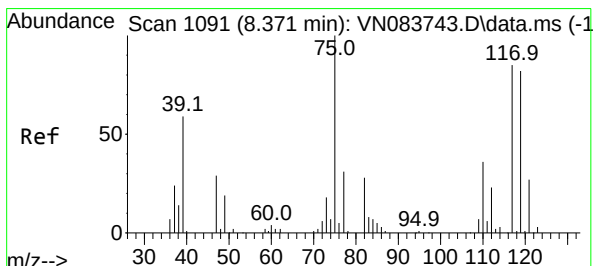
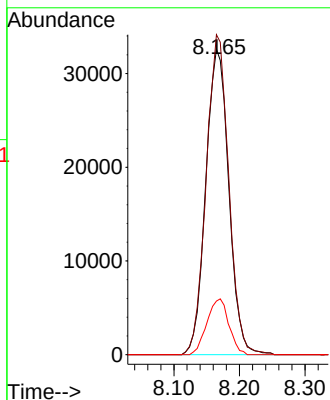
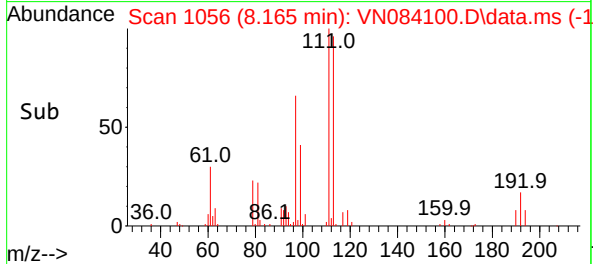
Instrument :
MSVOA_N
ClientSampleId :
VN0923WBSD01



Tgt Ion: 113 Resp: 79438
Ion Ratio Lower Upper
113 100
111 102.9 82.6 124.0
192 17.4 14.3 21.5

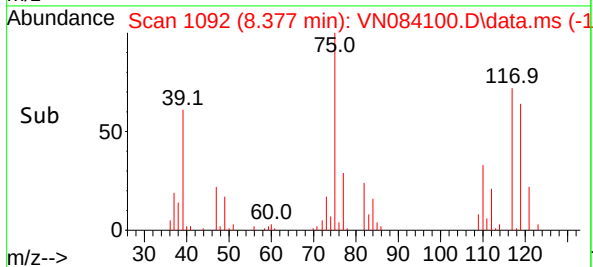
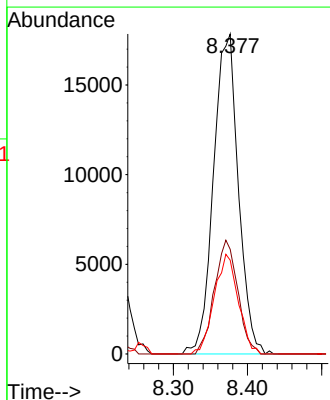
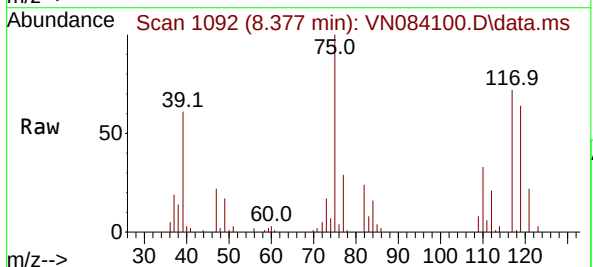
Manual Integrations
APPROVED

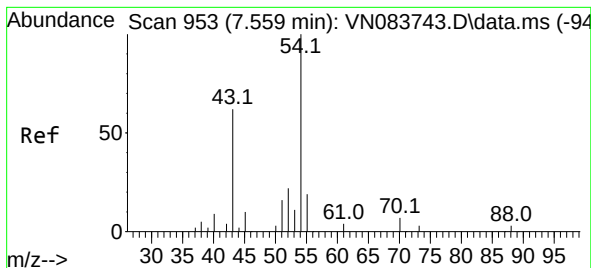
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024



#36
1,1-Dichloropropene
Concen: 17.829 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VN084100.D
Acq: 23 Sep 2024 11:05

Tgt Ion: 75 Resp: 41604
Ion Ratio Lower Upper
75 100
110 33.4 16.7 50.1
77 30.1 25.2 37.8





#37

Ethyl Acetate

Concen: 22.789 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN084100.D

Acq: 23 Sep 2024 11:05

Instrument :

MSVOA_N

ClientSampleId :

VN0923WBSD01

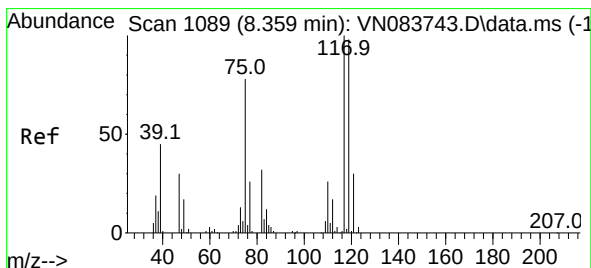
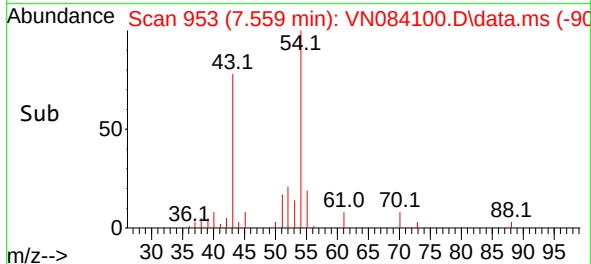
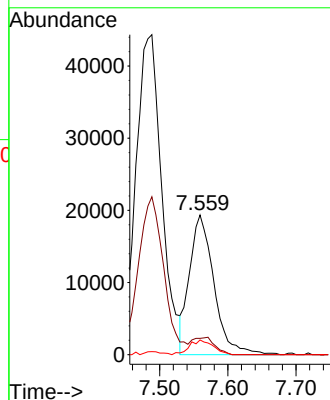
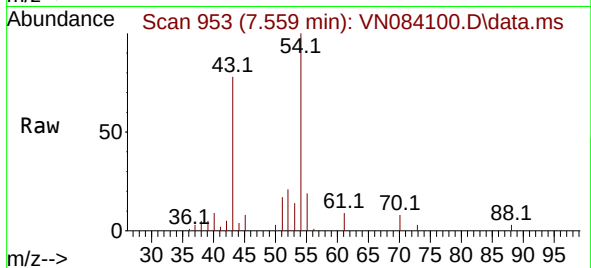
Tgt Ion:	43	Resp:	4827
Ion Ratio	Lower	Upper	
43	100		
61	11.3	11.1	16.7
70	10.1	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/24/2024

Supervised By :Mahesh Dadoda 09/24/2024



#38

Carbon Tetrachloride

Concen: 18.413 ug/l

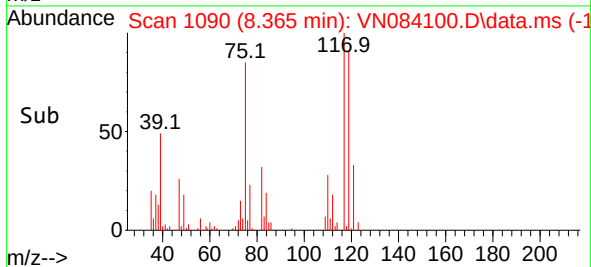
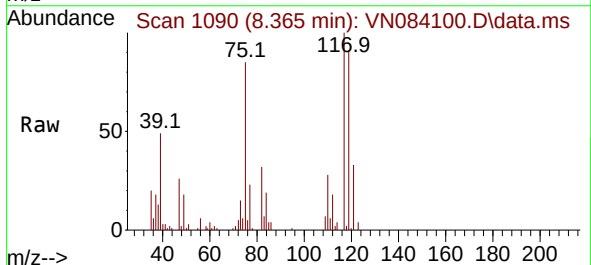
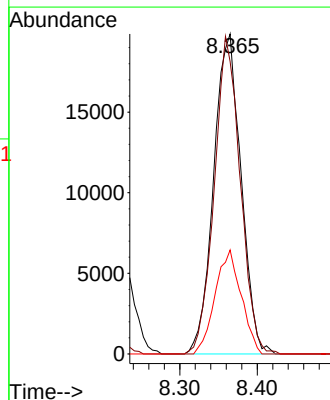
RT: 8.365 min Scan# 1090

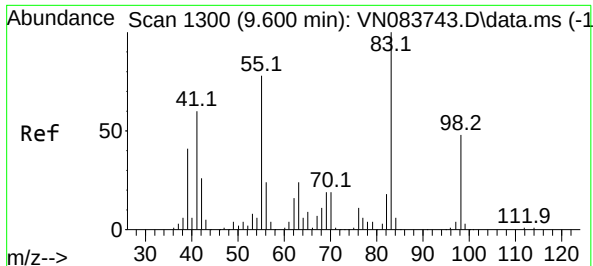
Delta R.T. 0.006 min

Lab File: VN084100.D

Acq: 23 Sep 2024 11:05

Tgt Ion:	117	Resp:	48746
Ion Ratio	Lower	Upper	
117	100		
119	91.3	76.1	114.1
121	32.5	24.1	36.1





#39

Methylcyclohexane

Concen: 16.838 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN084100.D

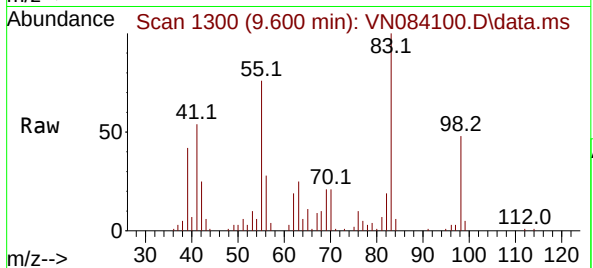
Acq: 23 Sep 2024 11:05

Instrument :

MSVOA_N

ClientSampleId :

VN0923WBSD01



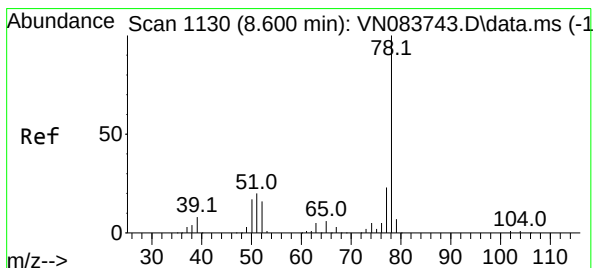
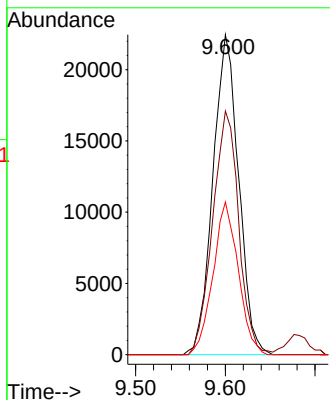
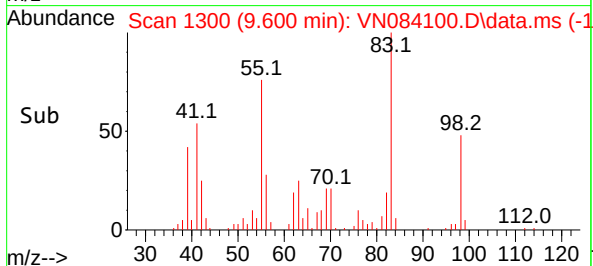
Tgt Ion: 83	Resp: 4472
Ion Ratio	Lower Upper
83	100
55	76.1 62.2 93.4
98	47.7 37.6 56.4

Manual Integrations

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Reviewed By :John Carlone 09/24/2024

Supervised By :Mahesh Dadoda 09/24/2024



#40

Benzene

Concen: 18.965 ug/l

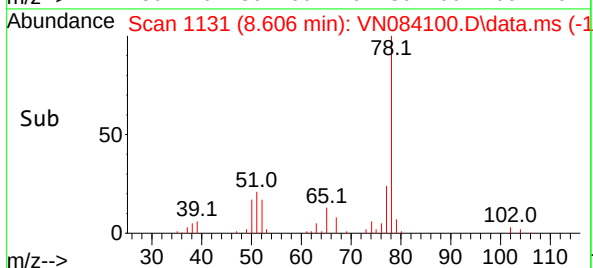
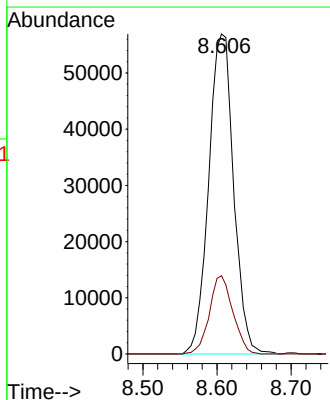
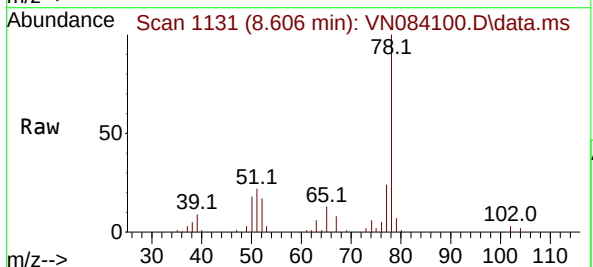
RT: 8.606 min Scan# 1131

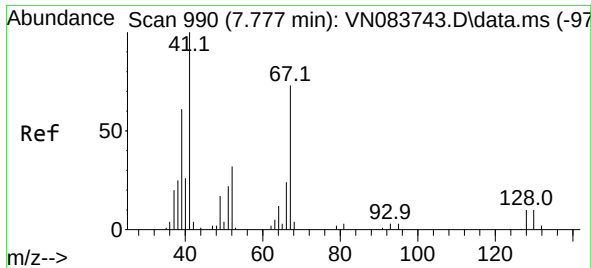
Delta R.T. 0.006 min

Lab File: VN084100.D

Acq: 23 Sep 2024 11:05

Tgt Ion: 78	Resp: 133205
Ion Ratio	Lower Upper
78	100
77	24.5 19.0 28.6





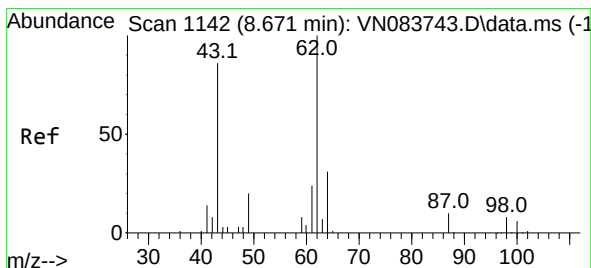
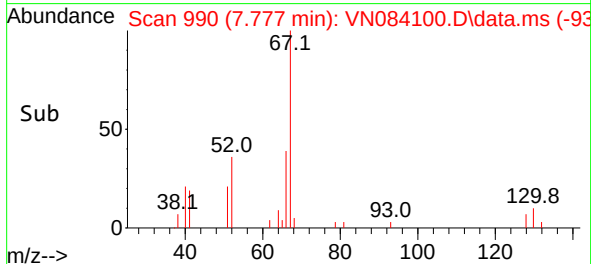
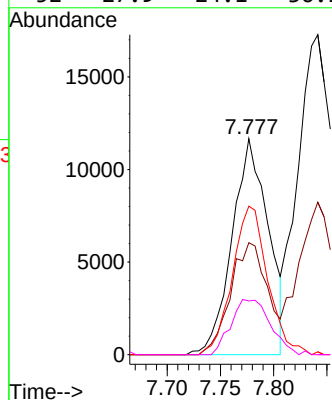
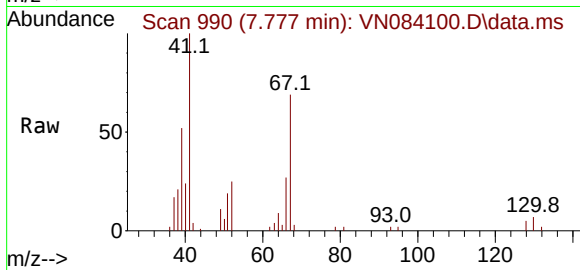
#41
Methacrylonitrile
Concen: 21.947 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN084100.D
Acq: 23 Sep 2024 11:05

Instrument :
MSVOA_N
ClientSampleId :
VN0923WBSD01

Tgt Ion:	41	Resp:	2749
Ion Ratio	100	Lower	Upper
39	53.5	45.4	68.2
67	67.5	55.9	83.9
52	27.9	24.1	36.1

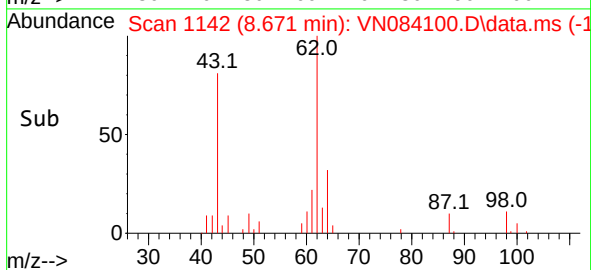
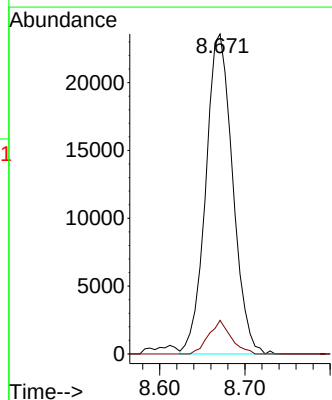
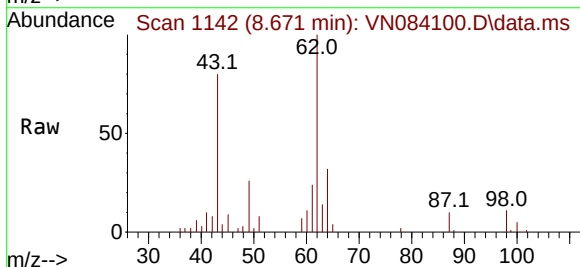
Manual Integrations
APPROVED

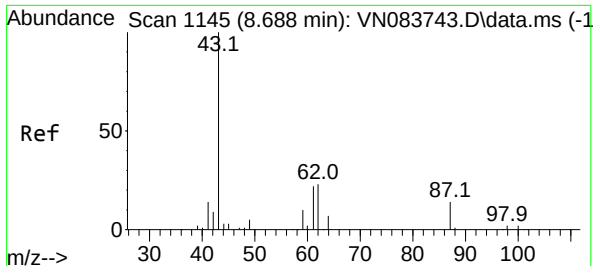
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024



#42
1,2-Dichloroethane
Concen: 19.750 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN084100.D
Acq: 23 Sep 2024 11:05

Tgt Ion:	62	Resp:	51834
Ion Ratio	100	Lower	Upper
98	8.7	0.0	16.6





#43

Isopropyl Acetate

Concen: 24.552 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VN084100.D

Acq: 23 Sep 2024 11:05

Instrument :

MSVOA_N

ClientSampleId :

VN0923WBSD01

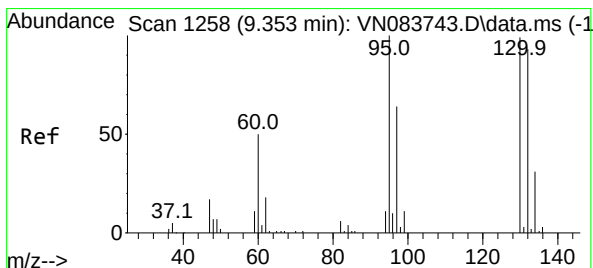
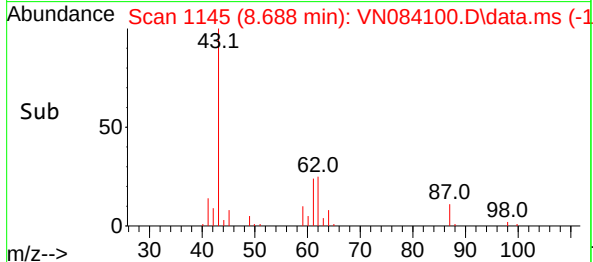
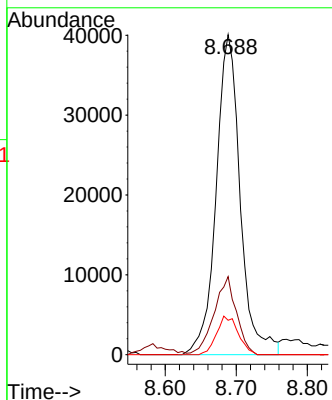
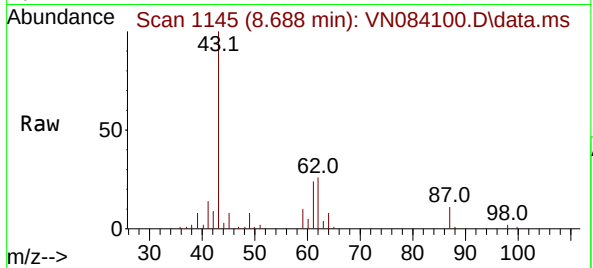
Tgt Ion: 43	Resp: 94239
Ion Ratio	Lower Upper
43 100	
61 22.7	19.4 29.0
87 10.8	9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/24/2024

Supervised By :Mahesh Dadoda 09/24/2024



#44

Trichloroethene

Concen: 18.896 ug/l

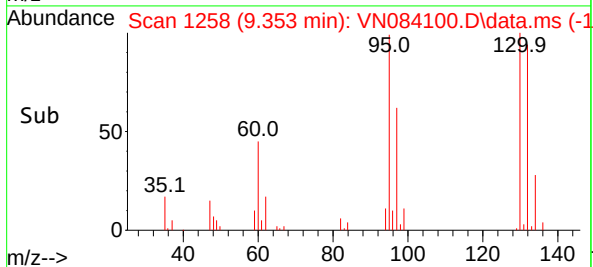
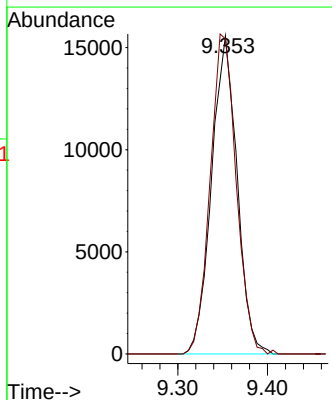
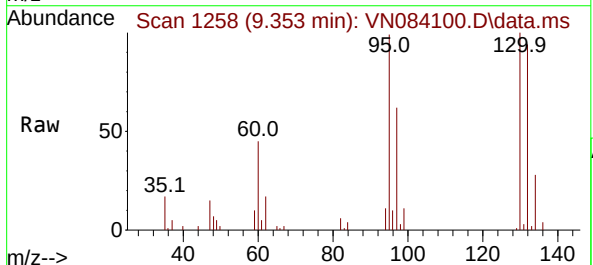
RT: 9.353 min Scan# 1258

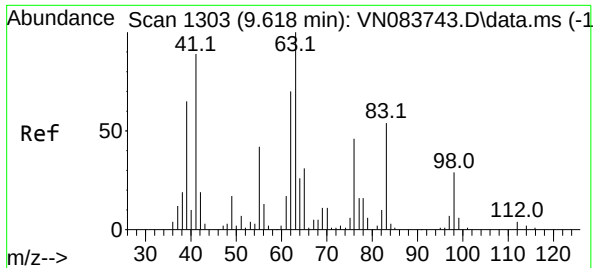
Delta R.T. -0.000 min

Lab File: VN084100.D

Acq: 23 Sep 2024 11:05

Tgt Ion:130	Resp: 30734
Ion Ratio	Lower Upper
130 100	
95 99.0	0.0 200.4





#45

1,2-Dichloropropane

Concen: 20.085 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN084100.D

Acq: 23 Sep 2024 11:05

Instrument :

MSVOA_N

ClientSampleId :

VN0923WBSD01

Tgt Ion: 63 Resp: 3409

Ion Ratio Lower Upper

63 100

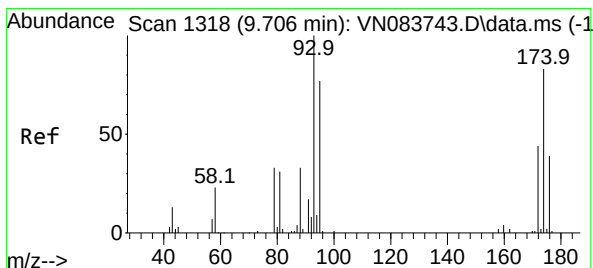
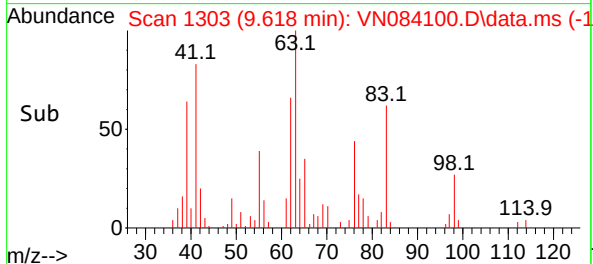
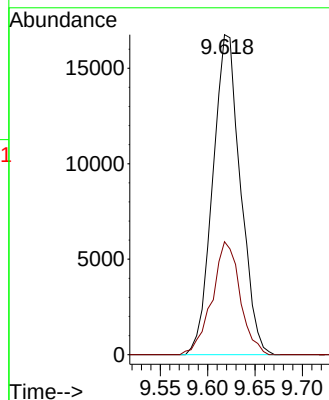
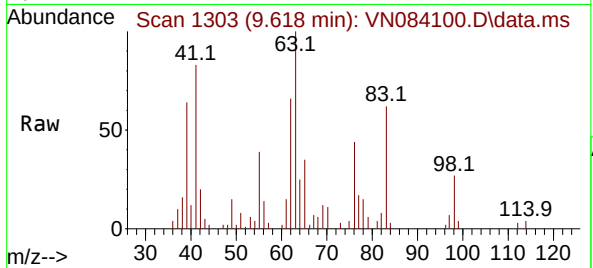
65 35.3 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/24/2024

Supervised By :Mahesh Dadoda 09/24/2024



#46

Dibromomethane

Concen: 20.325 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN084100.D

Acq: 23 Sep 2024 11:05

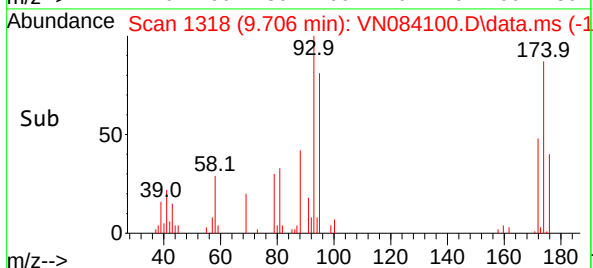
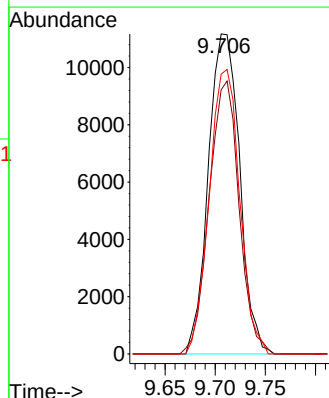
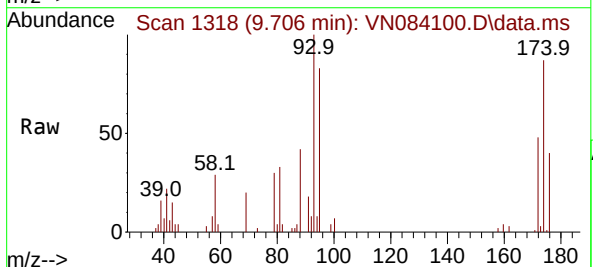
Tgt Ion: 93 Resp: 24167

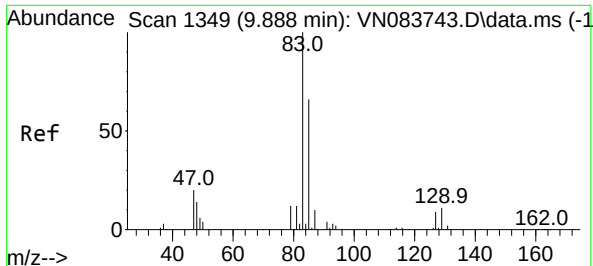
Ion Ratio Lower Upper

93 100

95 81.9 65.3 97.9

174 86.6 71.0 106.4





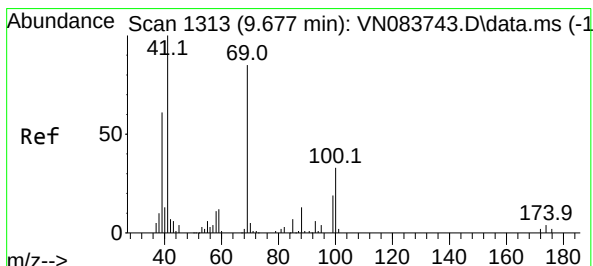
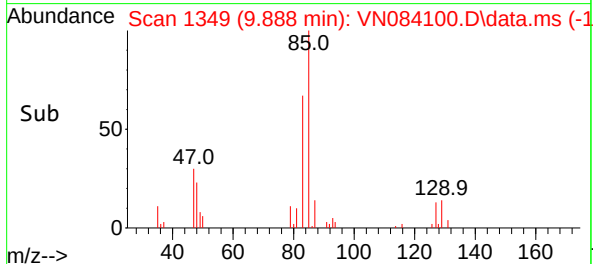
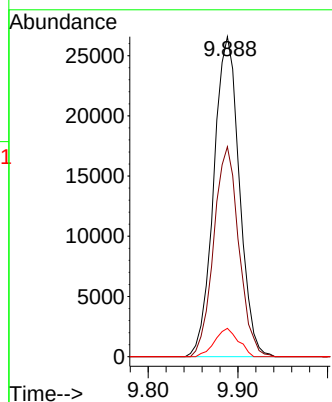
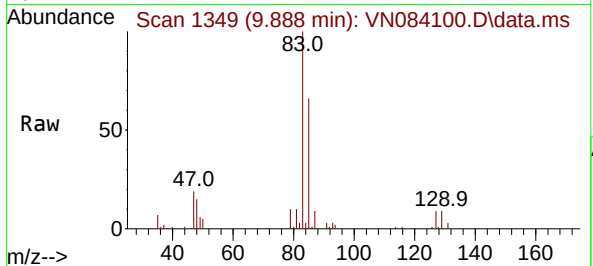
#47
Bromodichloromethane
Concen: 20.464 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN084100.D
Acq: 23 Sep 2024 11:05

Instrument :
MSVOA_N
ClientSampleId :
VN0923WBSD01

Tgt Ion: 83 Resp: 52660
Ion Ratio Lower Upper
83 100
85 65.6 51.8 77.8
127 8.8 6.6 9.8

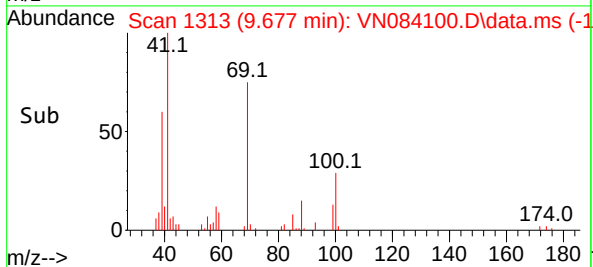
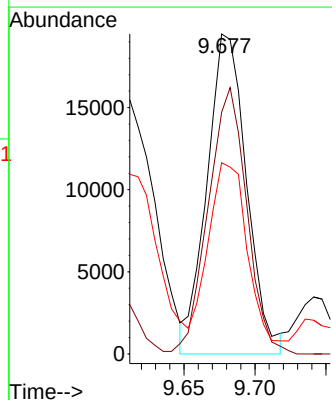
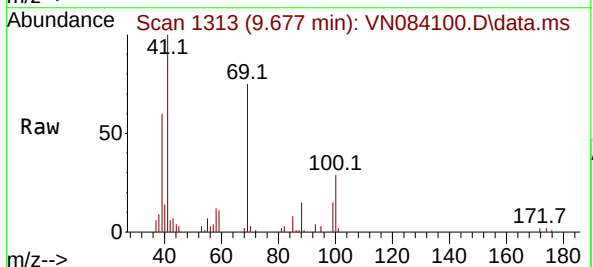
Manual Integrations
APPROVED

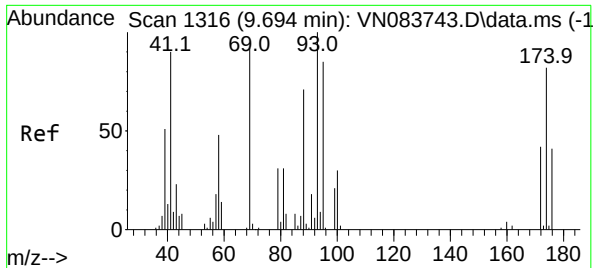
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024



#48
Methyl methacrylate
Concen: 20.735 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN084100.D
Acq: 23 Sep 2024 11:05

Tgt Ion: 41 Resp: 37760
Ion Ratio Lower Upper
41 100
69 81.1 64.3 96.5
39 61.4 48.9 73.3





#49

1,4-Dioxane

Concen: 448.364 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. -0.000 min

Lab File: VN084100.D

Acq: 23 Sep 2024 11:05

Instrument :

MSVOA_N

ClientSampleId :

VN0923WBSD01

Tgt Ion: 88 Resp: 1343

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

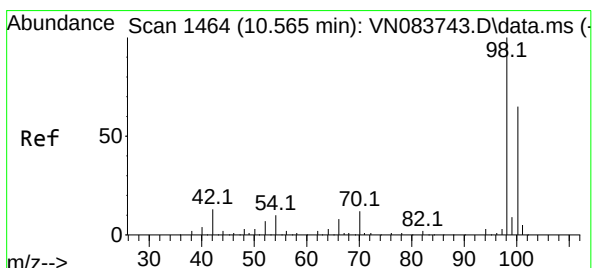
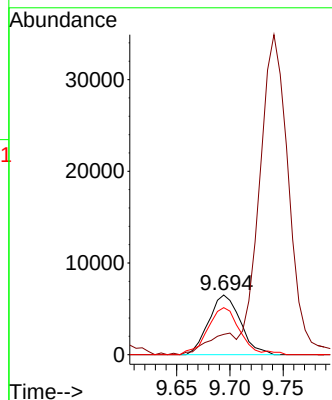
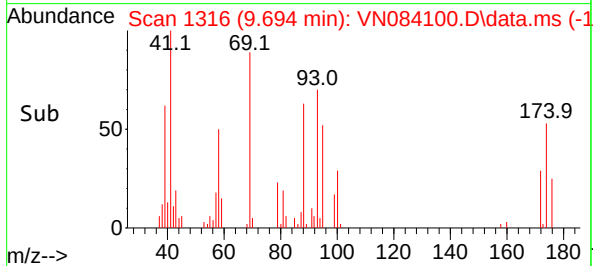
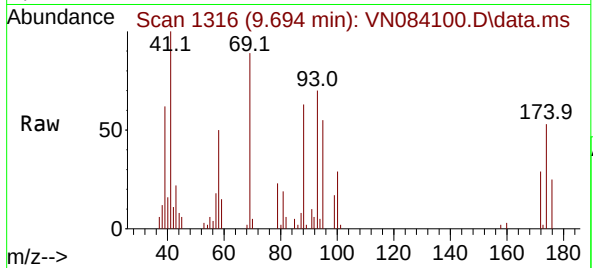
58 80.3 57.1 85.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/24/2024

Supervised By :Mahesh Dadoda 09/24/2024



#50

Toluene-d8

Concen: 51.446 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN084100.D

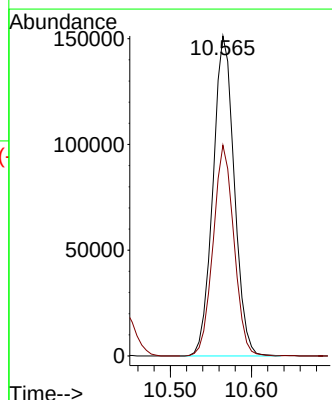
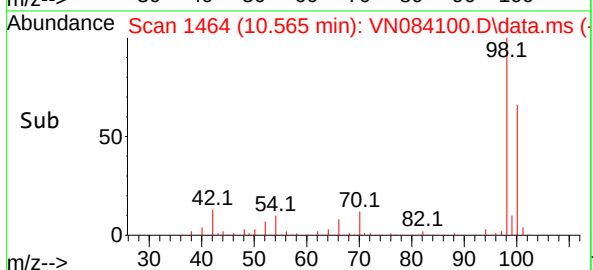
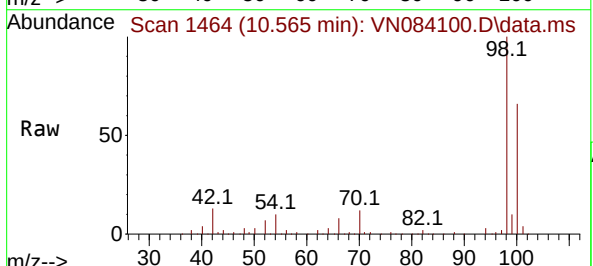
Acq: 23 Sep 2024 11:05

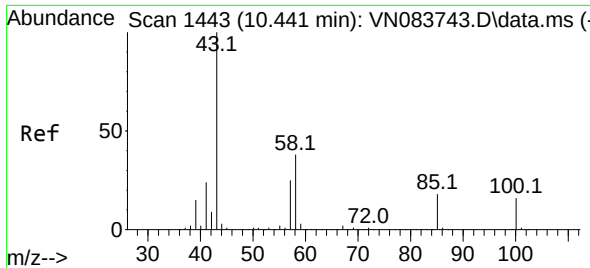
Tgt Ion: 98 Resp: 275738

Ion Ratio Lower Upper

98 100

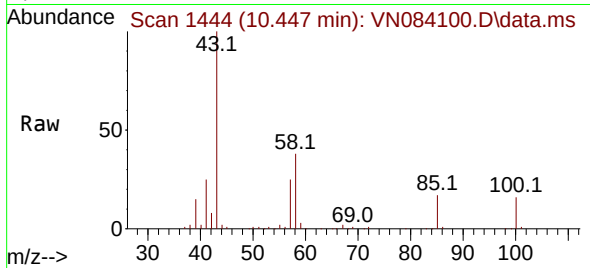
100 64.4 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 115.405 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN084100.D
Acq: 23 Sep 2024 11:05

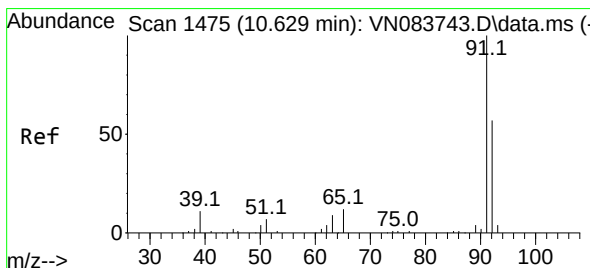
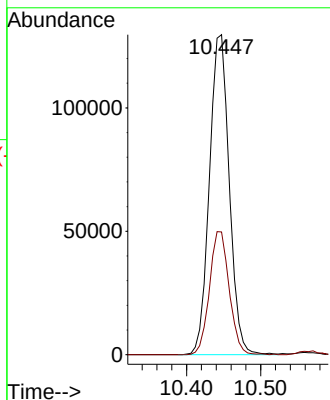
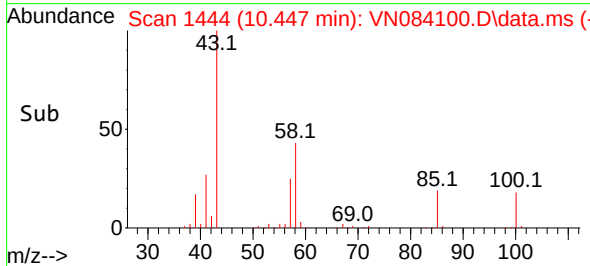
Instrument :
MSVOA_N
ClientSampleId :
VN0923WBSD01



Tgt Ion: 43 Resp: 241130
Ion Ratio Lower Upper
43 100
58 38.3 31.6 47.4

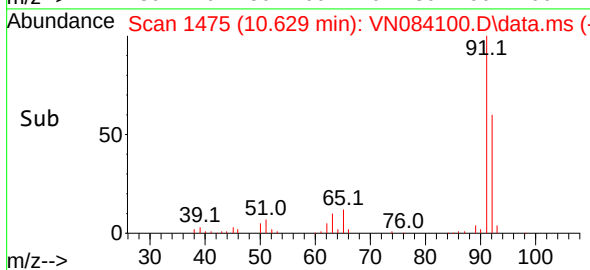
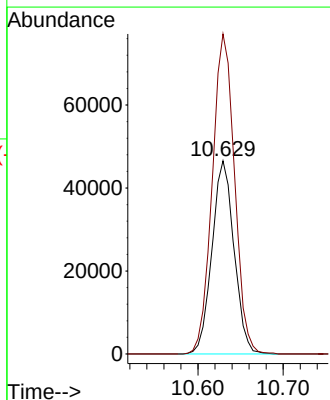
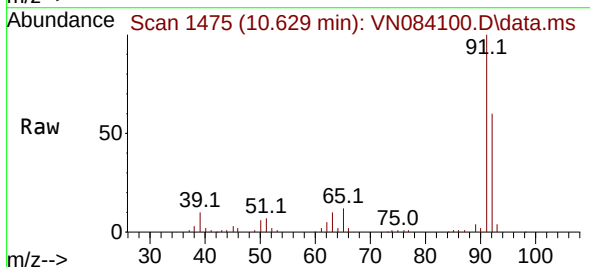
Manual Integrations
APPROVED

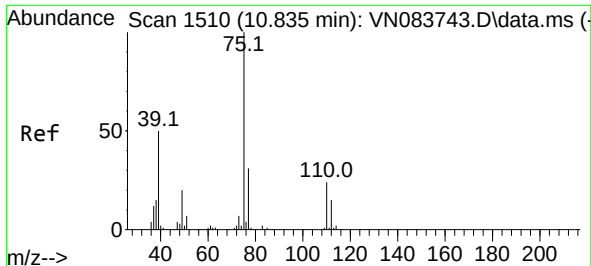
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024



#52
Toluene
Concen: 19.474 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN084100.D
Acq: 23 Sep 2024 11:05

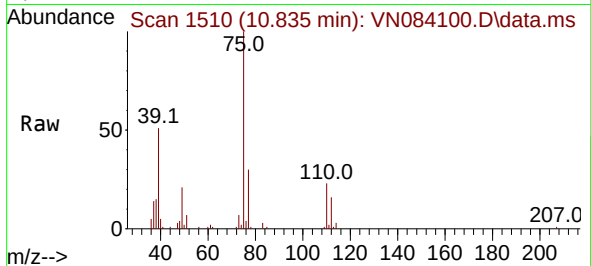
Tgt Ion: 92 Resp: 83662
Ion Ratio Lower Upper
92 100
91 167.5 134.7 202.1





#53
t-1,3-Dichloropropene
Concen: 19.475 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN084100.D
Acq: 23 Sep 2024 11:05

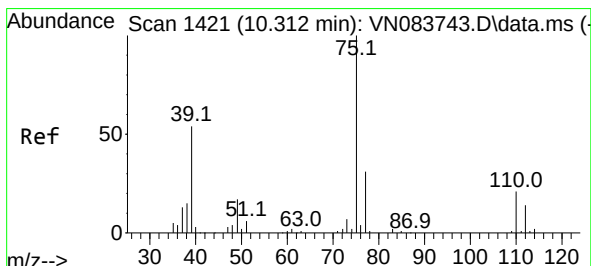
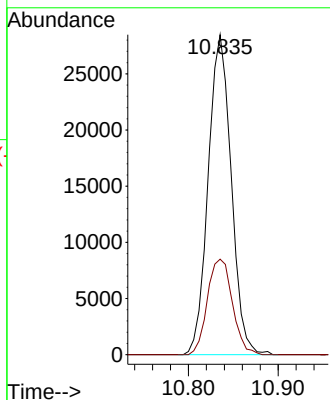
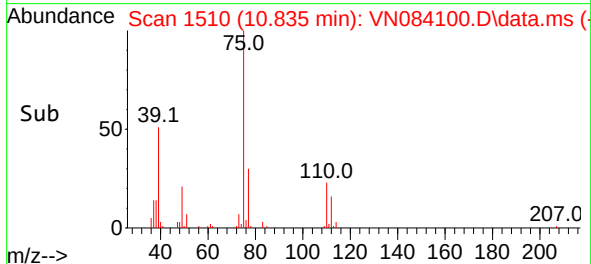
Instrument :
MSVOA_N
ClientSampleId :
VN0923WBSD01



Tgt Ion: 75 Resp: 5079
Ion Ratio Lower Upper
75 100
77 29.9 25.8 38.6

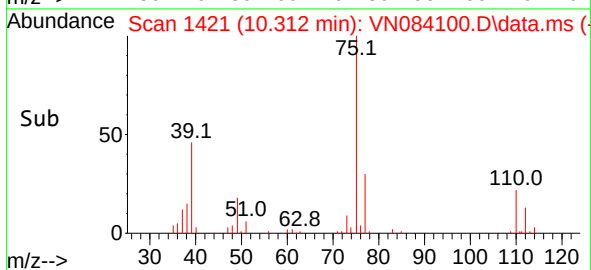
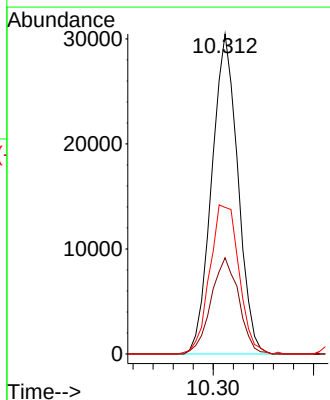
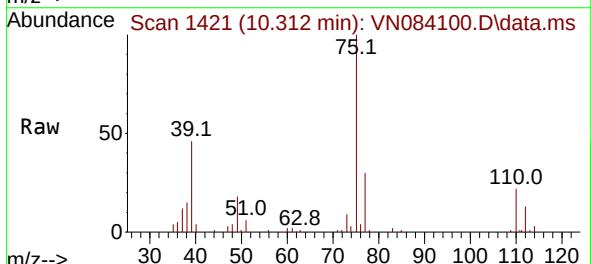
Manual Integrations
APPROVED

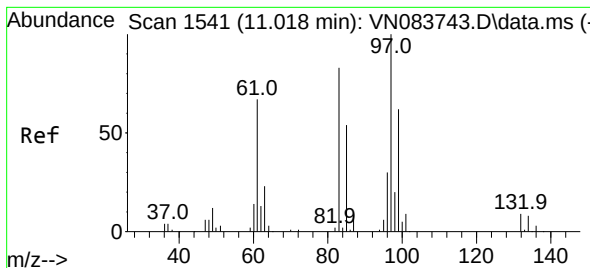
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024



#54
cis-1,3-Dichloropropene
Concen: 20.084 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN084100.D
Acq: 23 Sep 2024 11:05

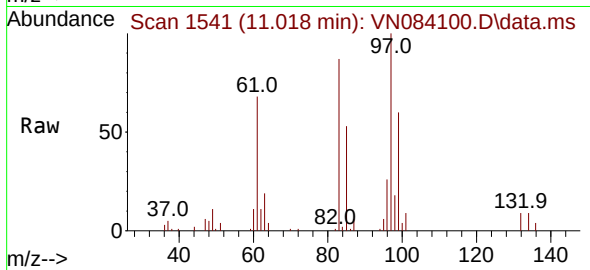
Tgt Ion: 75 Resp: 55027
Ion Ratio Lower Upper
75 100
77 30.0 25.0 37.6
39 45.8 42.6 64.0





#55
1,1,2-Trichloroethane
Concen: 20.355 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN084100.D
Acq: 23 Sep 2024 11:05

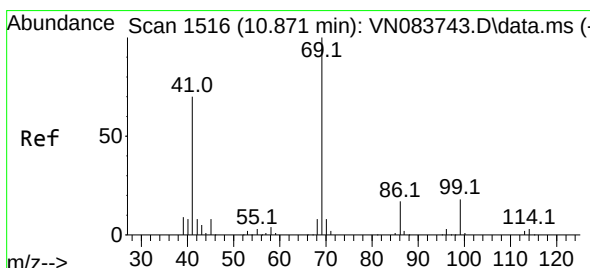
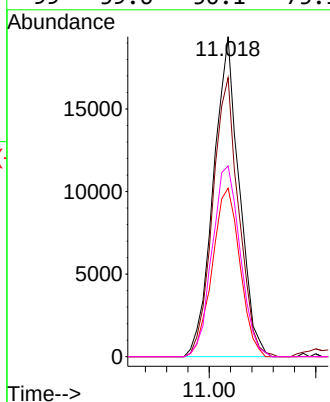
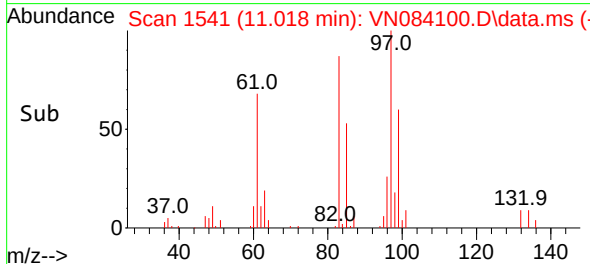
Instrument :
MSVOA_N
ClientSampleId :
VN0923WBSD01



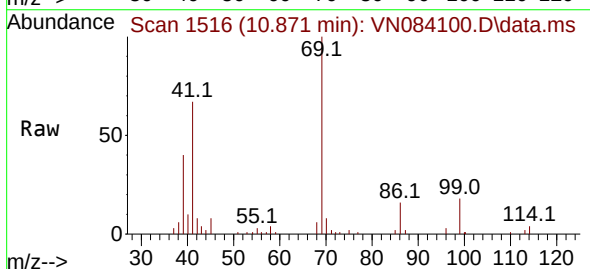
Tgt Ion:	97	Resp:	3264
Ion Ratio	100	Lower	Upper
97	100		
83	87.2	67.5	101.3
85	52.7	44.2	66.2
99	59.6	50.1	75.1

Manual Integrations
APPROVED

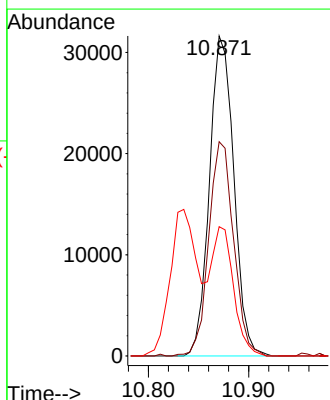
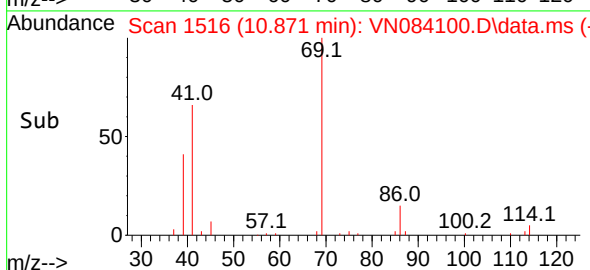
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024

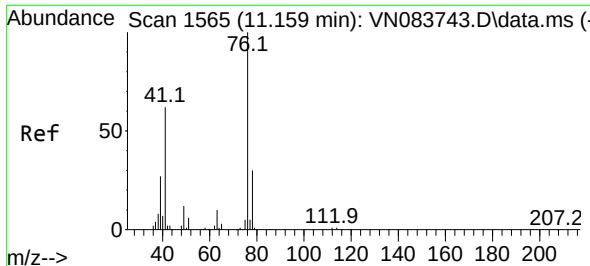


#56
Ethyl methacrylate
Concen: 21.634 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN084100.D
Acq: 23 Sep 2024 11:05



Tgt Ion:	69	Resp:	53385
Ion Ratio	100	Lower	Upper
69	100		
41	68.3	53.9	80.9
39	39.3	32.6	48.8





#57

1,3-Dichloropropane

Concen: 21.002 ug/l

RT: 11.165 min Scan# 1565

Delta R.T. 0.006 min

Lab File: VN084100.D

Acq: 23 Sep 2024 11:05

Instrument :

MSVOA_N

ClientSampleId :

VN0923WBSD01

Tgt Ion: 76 Resp: 5789

Ion Ratio Lower Upper

76 100

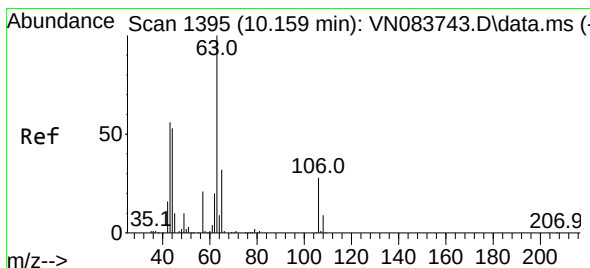
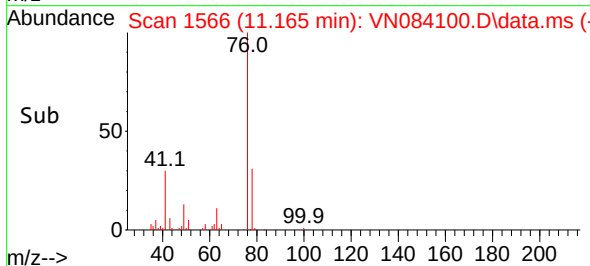
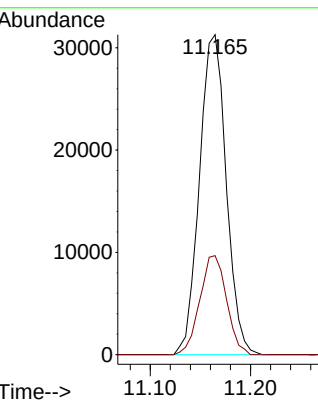
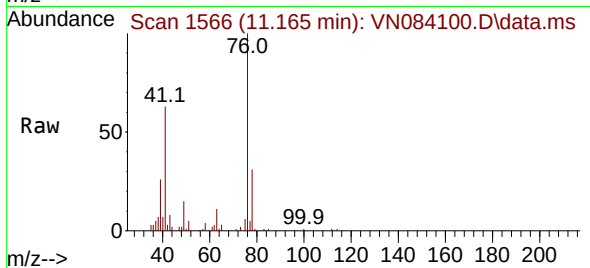
78 30.9 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/24/2024

Supervised By :Mahesh Dadoda 09/24/2024



#58

2-Chloroethyl Vinyl ether

Concen: 126.750 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN084100.D

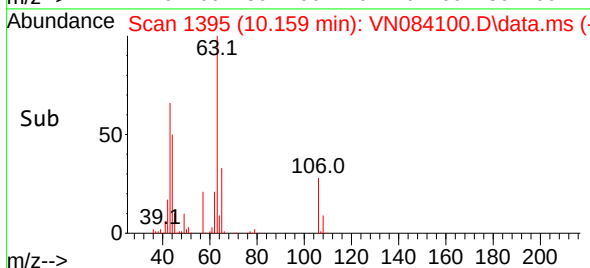
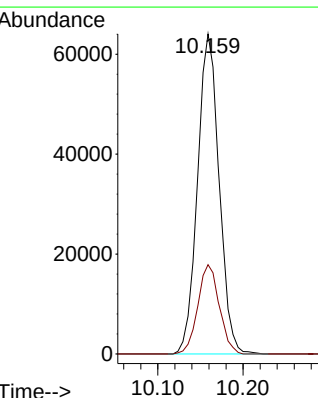
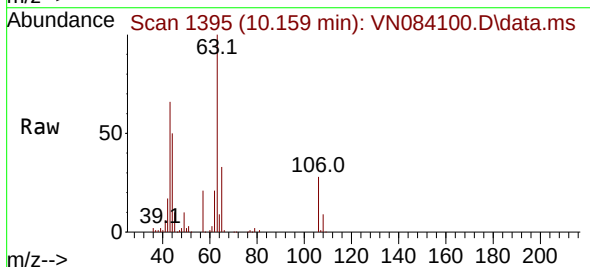
Acq: 23 Sep 2024 11:05

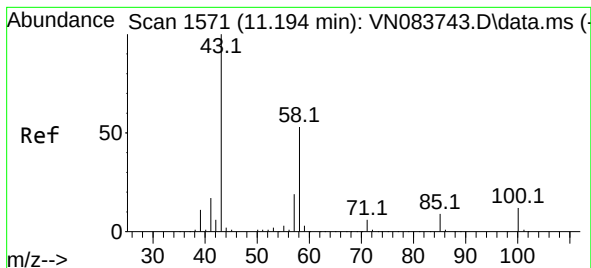
Tgt Ion: 63 Resp: 112699

Ion Ratio Lower Upper

63 100

106 27.7 23.3 34.9





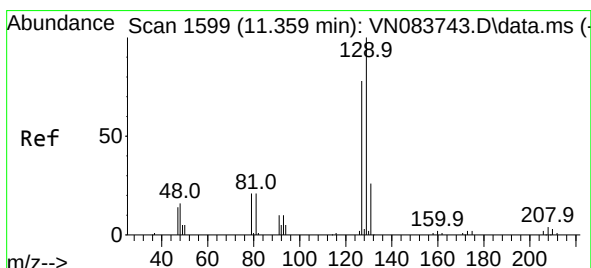
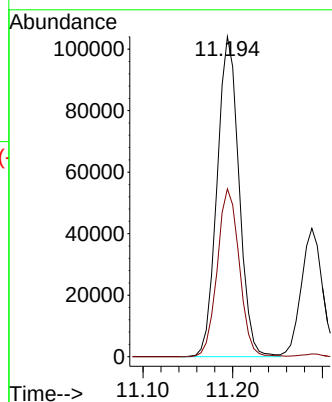
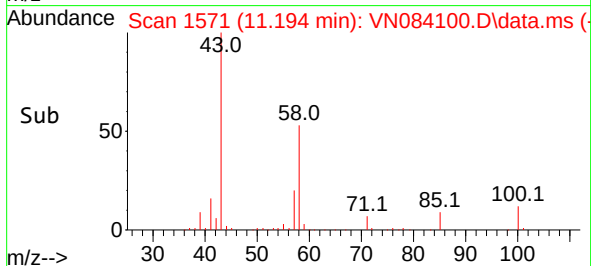
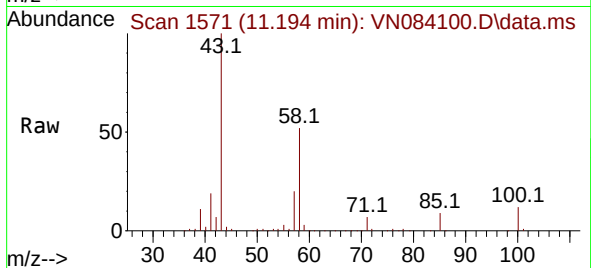
#59
2-Hexanone
Concen: 114.234 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN084100.D
Acq: 23 Sep 2024 11:05

Instrument :
MSVOA_N
ClientSampleId :
VN0923WBSD01

Tgt Ion: 43 Resp: 176559
Ion Ratio Lower Upper
43 100
58 52.6 27.2 81.5

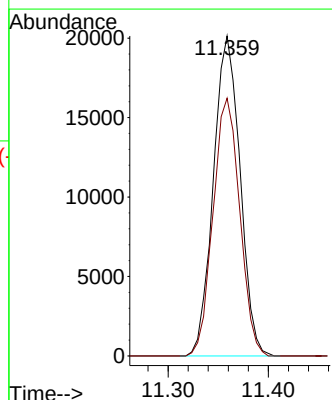
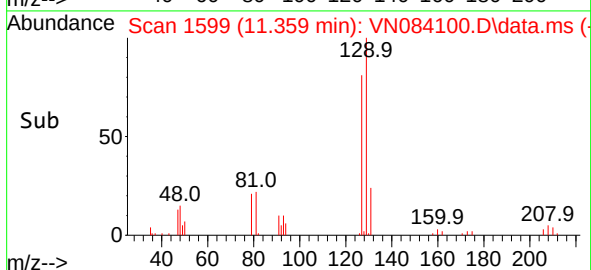
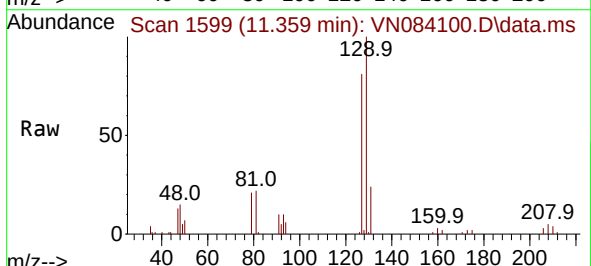
Manual Integrations
APPROVED

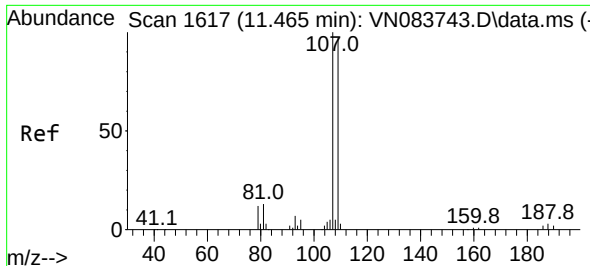
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024



#60
Dibromochloromethane
Concen: 20.689 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN084100.D
Acq: 23 Sep 2024 11:05

Tgt Ion:129 Resp: 37136
Ion Ratio Lower Upper
129 100
127 80.5 39.0 116.9





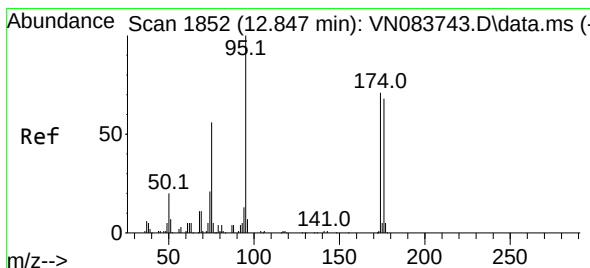
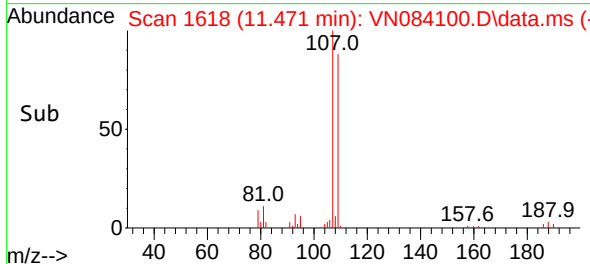
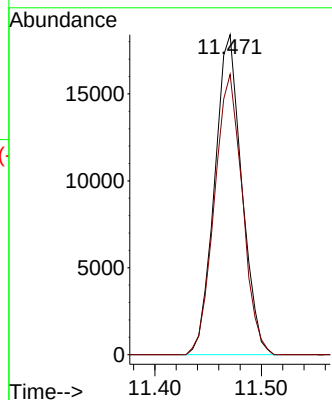
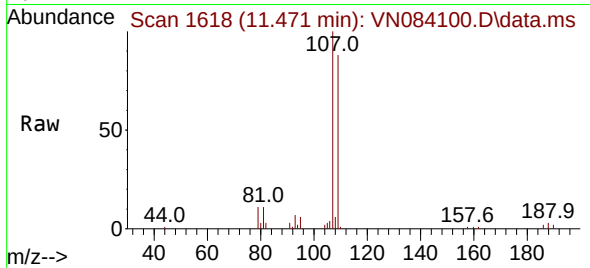
#61
1,2-Dibromoethane
Concen: 20.374 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.006 min
Lab File: VN084100.D
Acq: 23 Sep 2024 11:05

Instrument :
MSVOA_N
ClientSampleId :
VN0923WBSD01

Tgt Ion:107 Resp: 32589
Ion Ratio Lower Upper
107 100
109 90.3 75.6 113.4

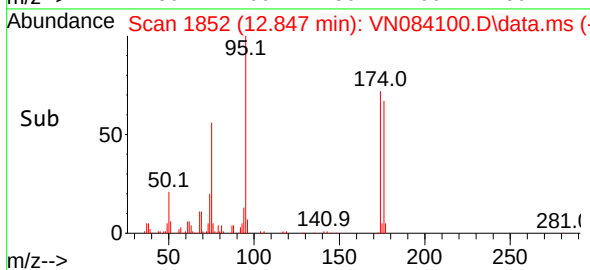
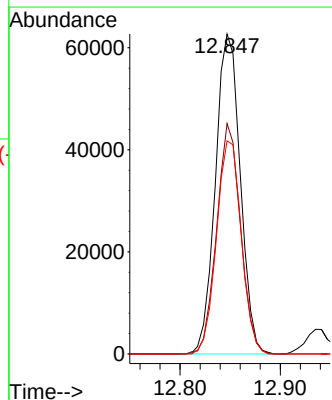
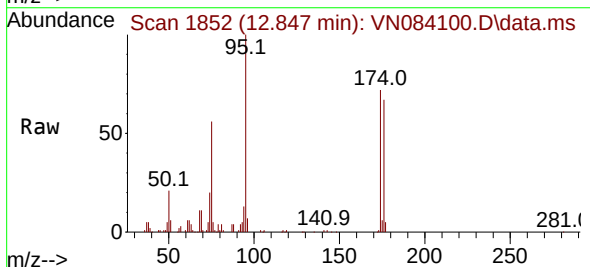
Manual Integrations
APPROVED

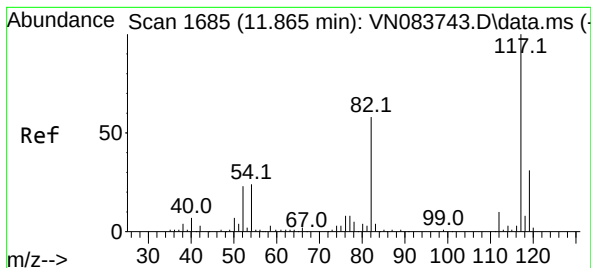
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024



#62
4-Bromofluorobenzene
Concen: 48.799 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084100.D
Acq: 23 Sep 2024 11:05

Tgt Ion: 95 Resp: 107909
Ion Ratio Lower Upper
95 100
174 69.0 0.0 139.8
176 66.5 0.0 131.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN084100.D

Acq: 23 Sep 2024 11:05

Instrument :

MSVOA_N

ClientSampleId :

VN0923WBSD01

Tgt Ion:117 Resp: 21611

Ion Ratio Lower Upper

117 100

82 62.3 47.4 71.0

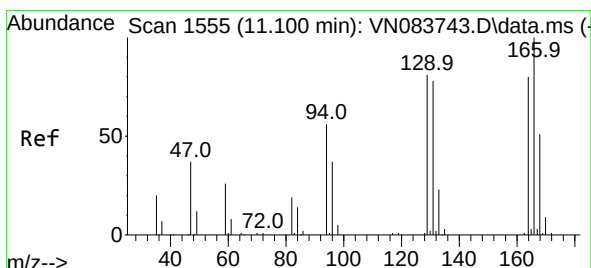
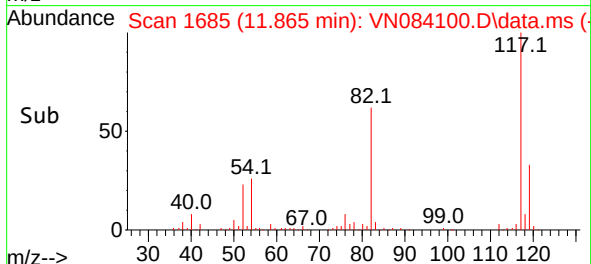
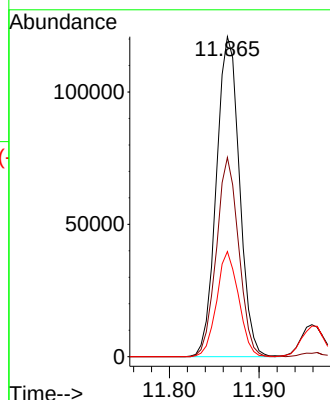
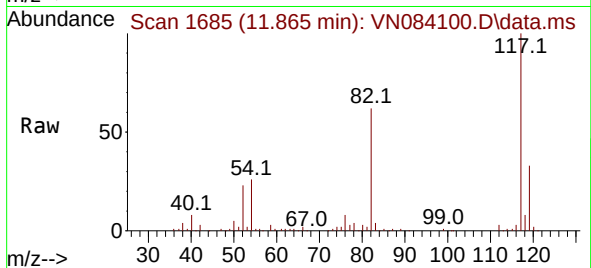
119 32.8 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/24/2024

Supervised By :Mahesh Dadoda 09/24/2024



#64

Tetrachloroethene

Concen: 17.821 ug/l

RT: 11.100 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VN084100.D

Acq: 23 Sep 2024 11:05

Tgt Ion:164 Resp: 25612

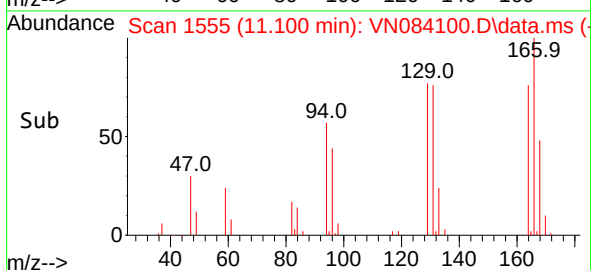
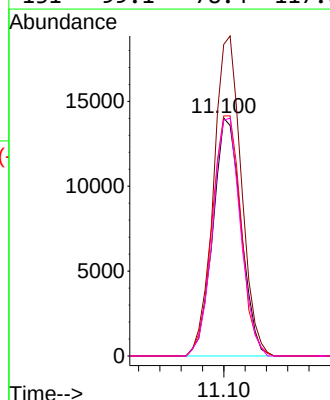
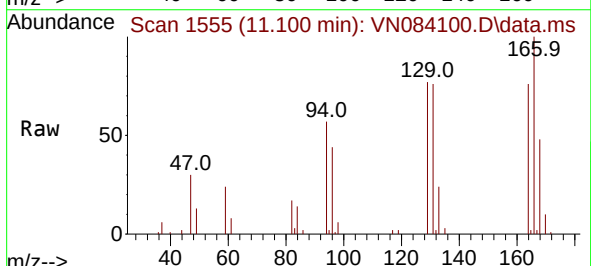
Ion Ratio Lower Upper

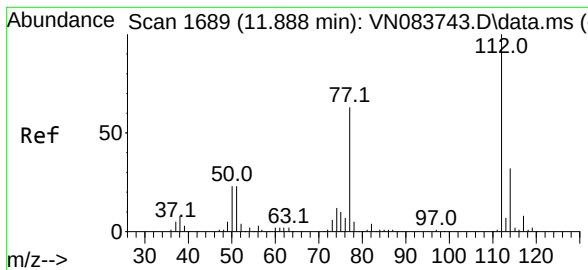
164 100

166 131.0 103.7 155.5

129 100.9 79.9 119.9

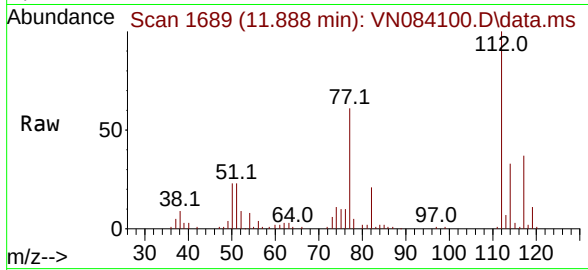
131 99.1 78.4 117.6





#65
Chlorobenzene
Concen: 18.392 ug/l
RT: 11.888 min Scan# 1101
Delta R.T. -0.000 min
Lab File: VN084100.D
Acq: 23 Sep 2024 11:05

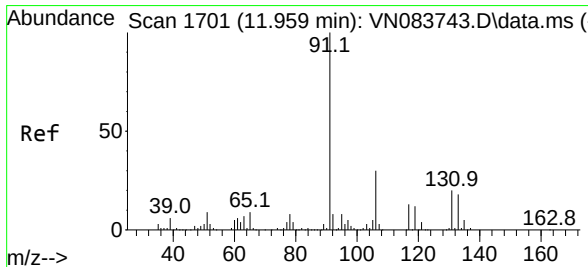
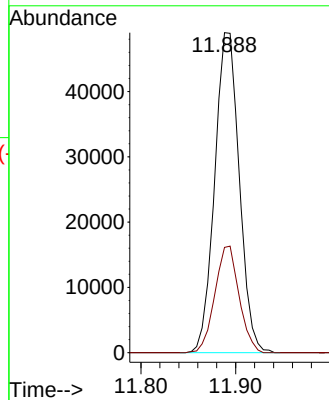
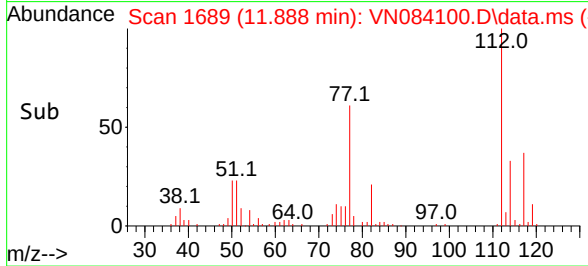
Instrument :
MSVOA_N
ClientSampleId :
VN0923WBSD01



Tgt Ion:112 Resp: 88340
Ion Ratio Lower Upper
112 100
114 32.9 25.7 38.5

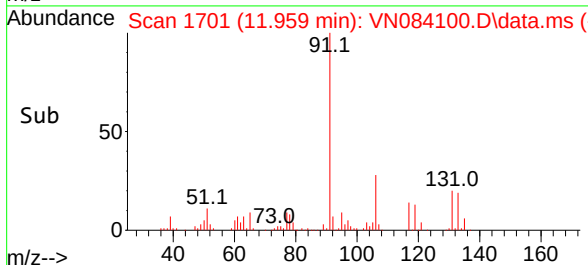
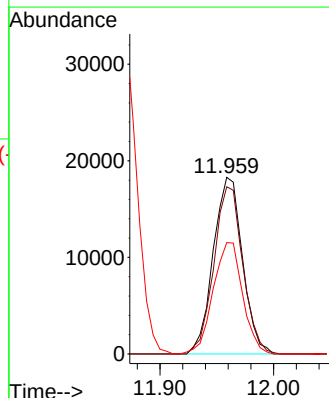
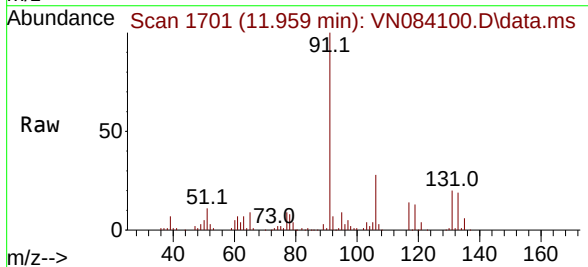
Manual Integrations
APPROVED

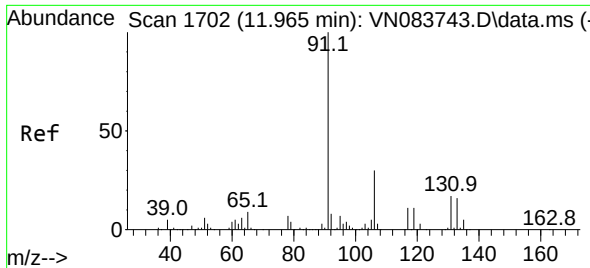
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 19.648 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN084100.D
Acq: 23 Sep 2024 11:05

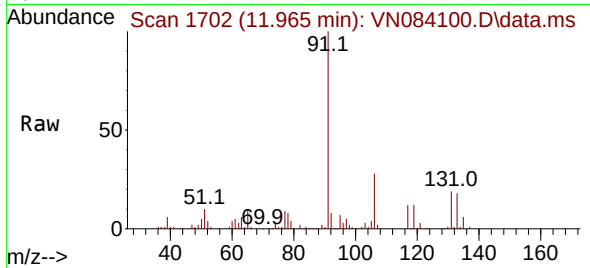
Tgt Ion:131 Resp: 32717
Ion Ratio Lower Upper
131 100
133 93.7 47.5 142.6
119 63.5 31.6 94.8





#67
Ethyl Benzene
Concen: 18.412 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN084100.D
Acq: 23 Sep 2024 11:05

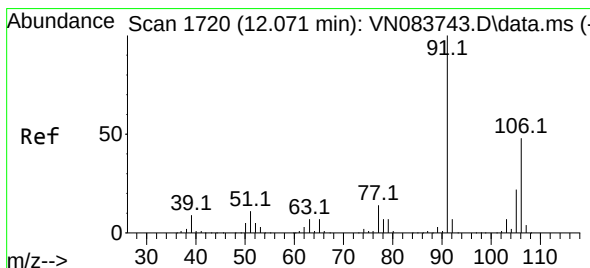
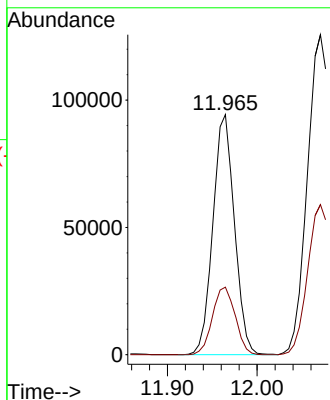
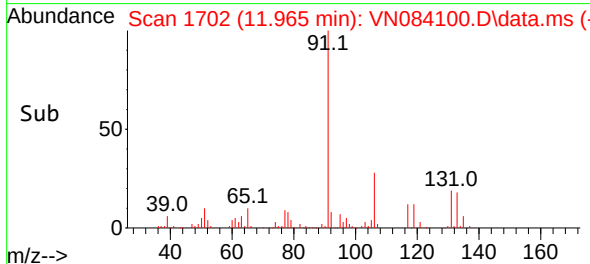
Instrument :
MSVOA_N
ClientSampleId :
VN0923WBSD01



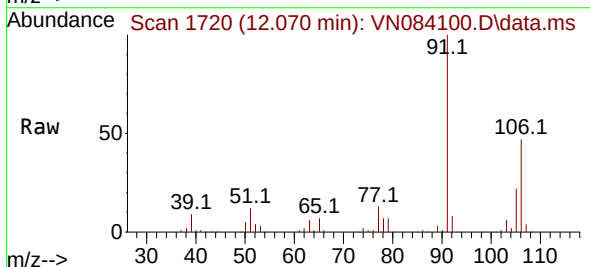
Tgt Ion: 91 Resp: 157100
Ion Ratio Lower Upper
91 100
106 28.1 24.3 36.5

Manual Integrations
APPROVED

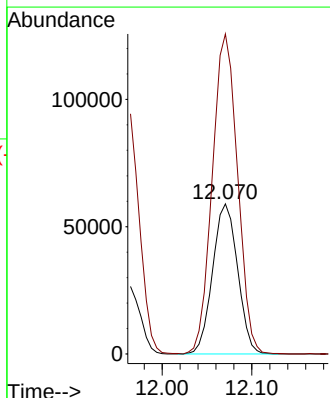
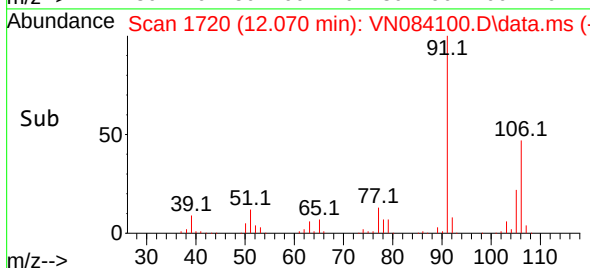
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024

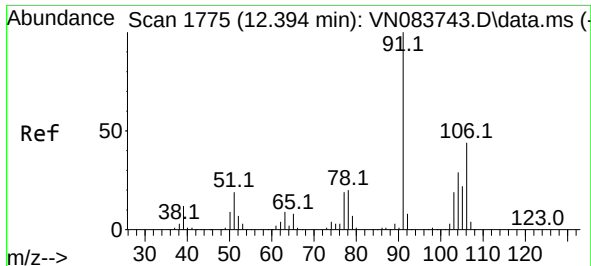


#68
m/p-Xylenes
Concen: 36.020 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN084100.D
Acq: 23 Sep 2024 11:05



Tgt Ion:106 Resp: 114104
Ion Ratio Lower Upper
106 100
91 215.6 169.2 253.8





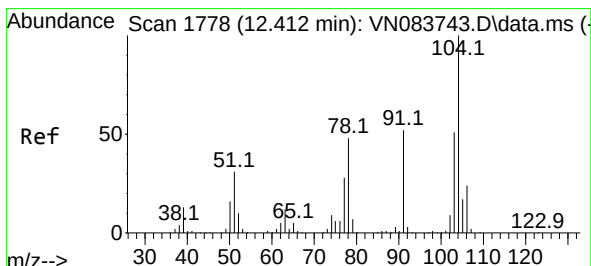
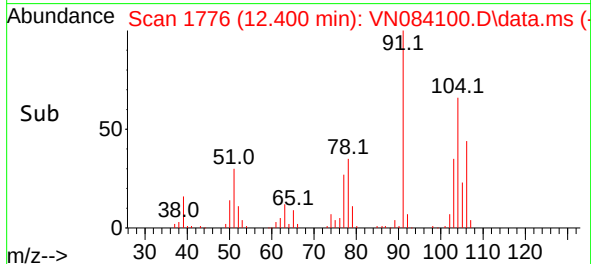
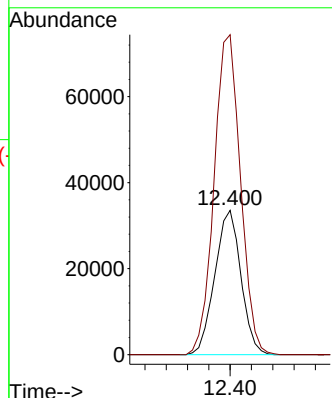
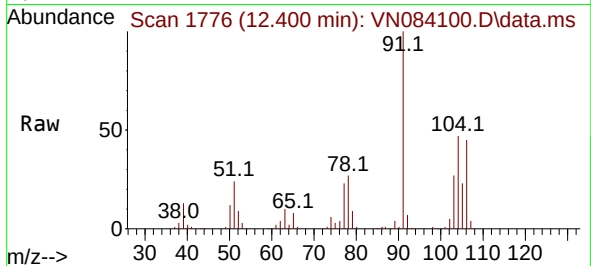
#69
o-Xylene
Concen: 18.611 ug/l
RT: 12.400 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VN084100.D
Acq: 23 Sep 2024 11:05

Instrument :
MSVOA_N
ClientSampleId :
VN0923WBSD01

Tgt Ion:106 Resp: 57074
Ion Ratio Lower Upper
106 100
91 224.0 112.9 338.6

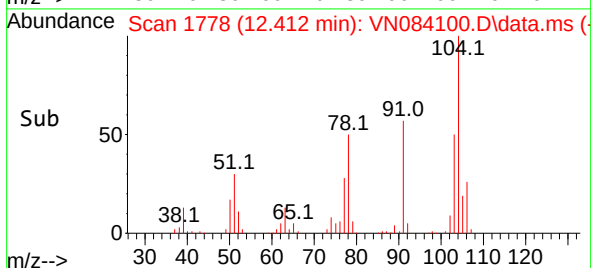
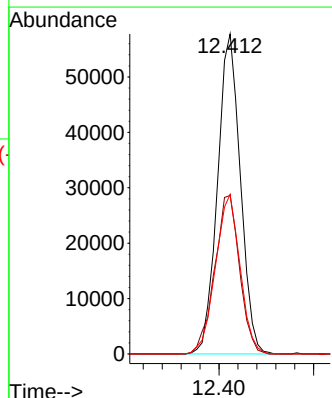
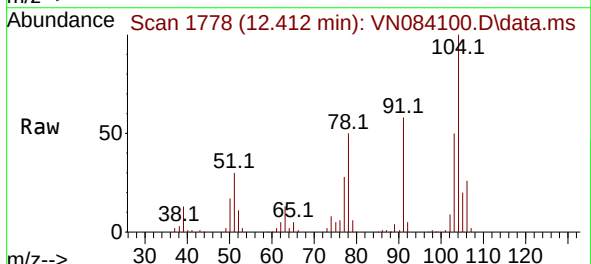
Manual Integrations
APPROVED

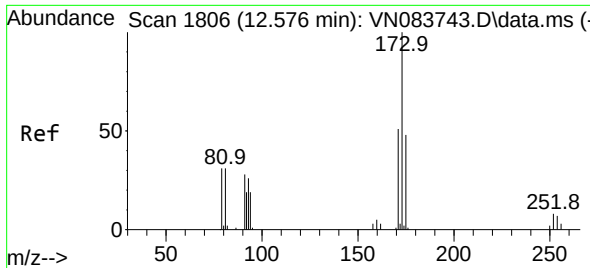
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024



#70
Styrene
Concen: 19.250 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN084100.D
Acq: 23 Sep 2024 11:05

Tgt Ion:104 Resp: 96883
Ion Ratio Lower Upper
104 100
78 53.9 43.3 64.9
103 53.5 43.4 65.2





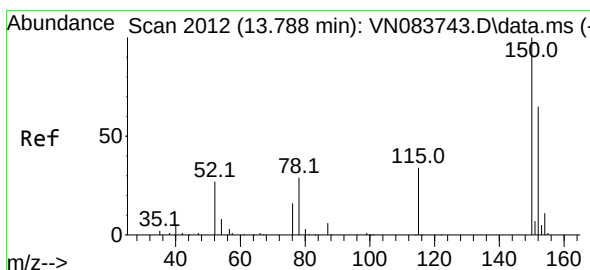
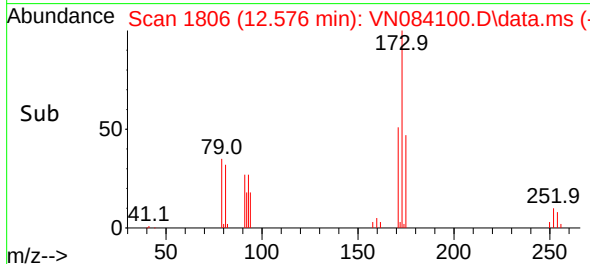
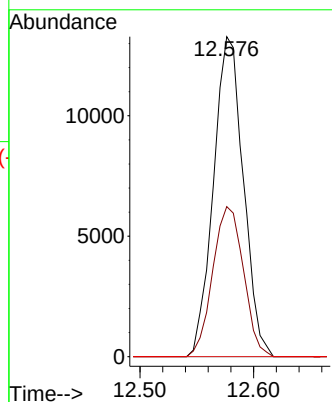
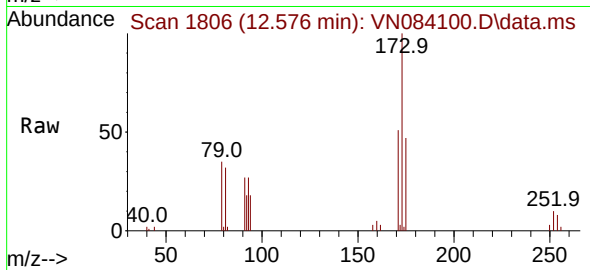
#71
Bromoform
Concen: 21.625 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN084100.D
Acq: 23 Sep 2024 11:05

Instrument :
MSVOA_N
ClientSampleId :
VN0923WBSD01

Tgt Ion:173 Resp: 2426
Ion Ratio Lower Upper
173 100
175 48.2 24.1 72.2
254 0.0 0.0 0.0

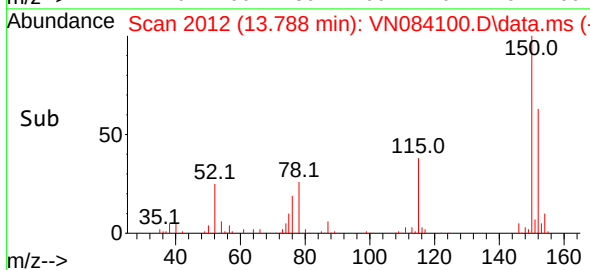
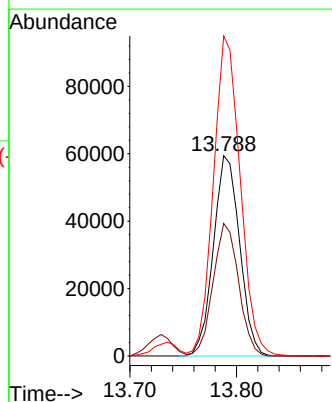
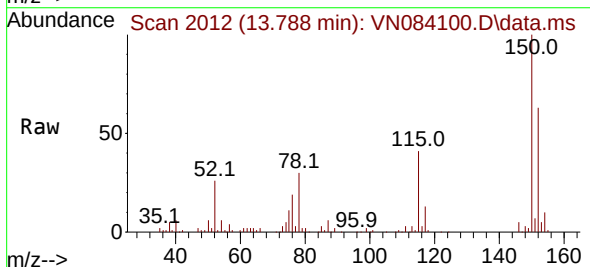
Manual Integrations
APPROVED

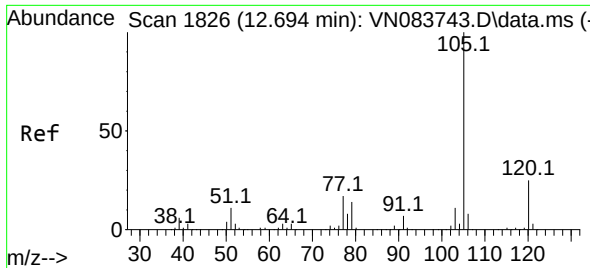
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN084100.D
Acq: 23 Sep 2024 11:05

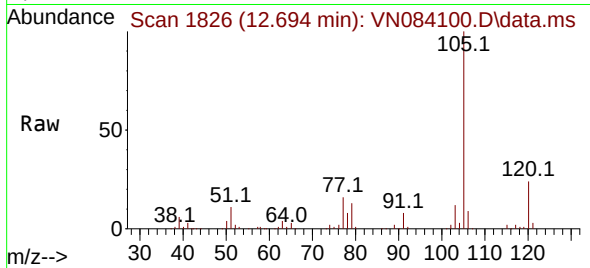
Tgt Ion:152 Resp: 101675
Ion Ratio Lower Upper
152 100
115 64.4 32.2 96.6
150 163.4 0.0 348.6





#73
Isopropylbenzene
Concen: 18.666 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN084100.D
Acq: 23 Sep 2024 11:05

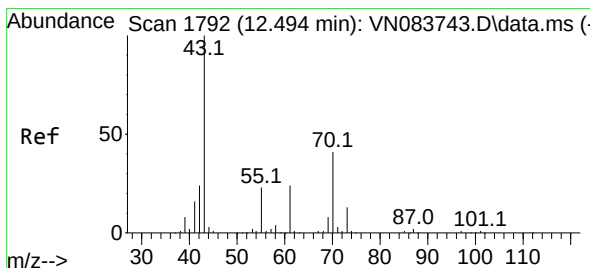
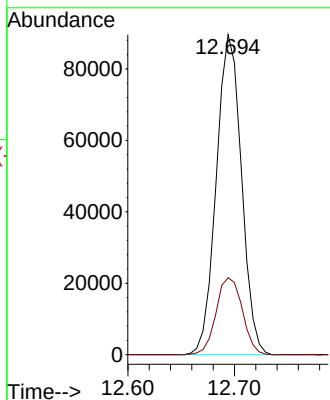
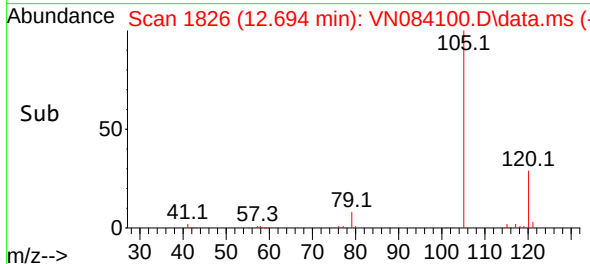
Instrument :
MSVOA_N
ClientSampleId :
VN0923WBSD01



Tgt Ion:105 Resp: 14683
Ion Ratio Lower Upper
105 100
120 25.1 12.6 37.8

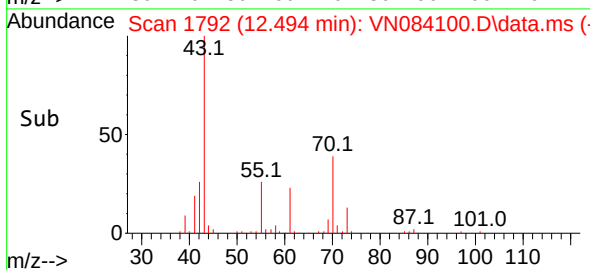
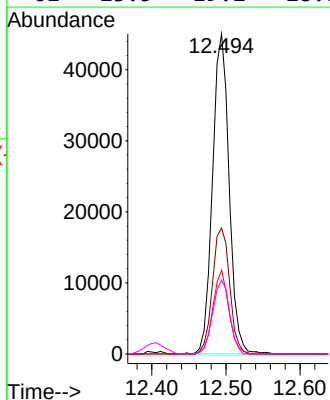
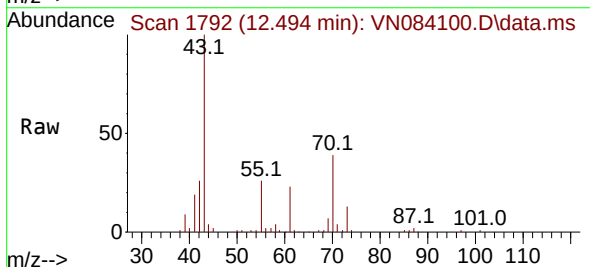
Manual Integrations
APPROVED

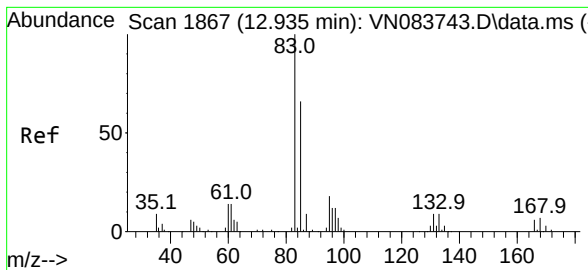
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024



#74
N-ethyl acetate
Concen: 20.867 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN084100.D
Acq: 23 Sep 2024 11:05

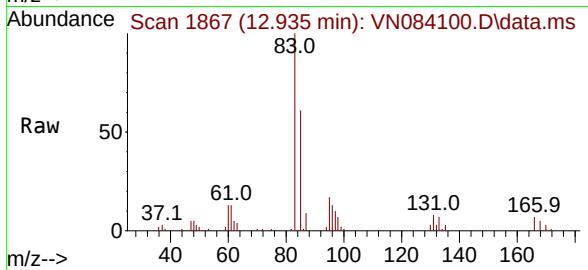
Tgt Ion: 43 Resp: 70034
Ion Ratio Lower Upper
43 100
70 40.6 34.5 51.7
55 25.0 18.6 28.0
61 23.5 19.2 28.8





#75
1,1,2,2-Tetrachloroethane
Concen: 20.462 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN084100.D
Acq: 23 Sep 2024 11:05

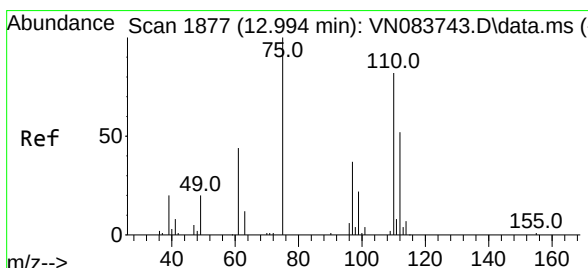
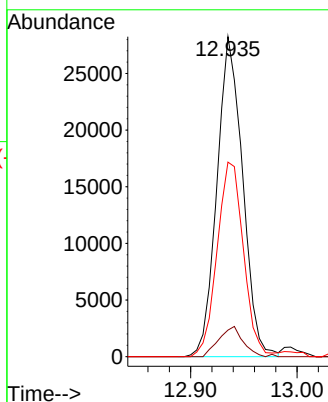
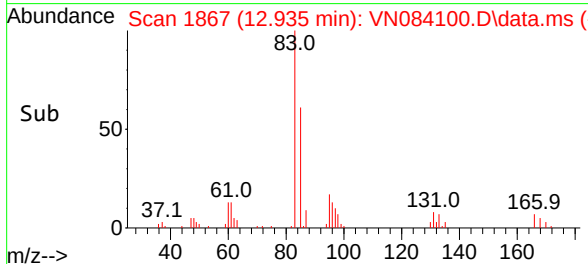
Instrument :
MSVOA_N
ClientSampleId :
VN0923WBSD01



Tgt Ion: 83 Resp: 47292
Ion Ratio Lower Upper
83 100
131 8.8 5.2 15.6
85 62.3 31.9 95.9

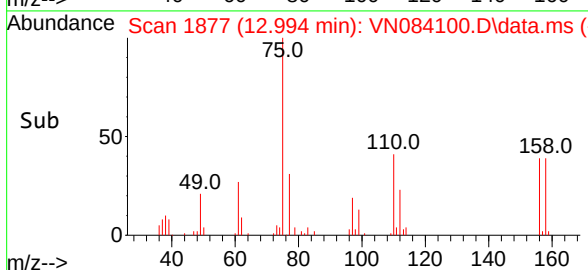
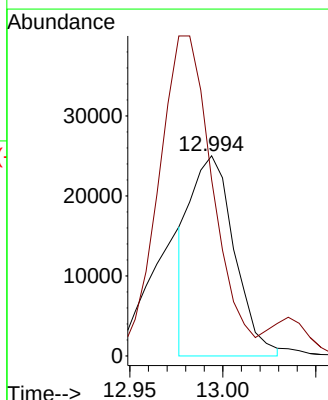
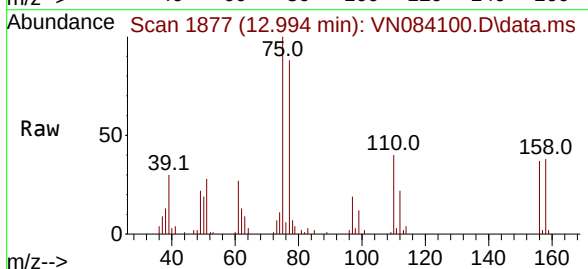
Manual Integrations
APPROVED

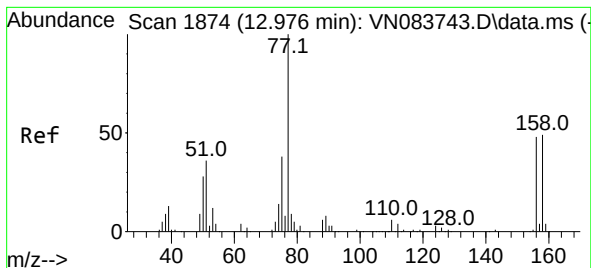
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024



#76
1,2,3-Trichloropropane
Concen: 20.054 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN084100.D
Acq: 23 Sep 2024 11:05

Tgt Ion: 75 Resp: 41143
Ion Ratio Lower Upper
75 100
77 197.3 95.2 285.6





#77

Bromobenzene

Concen: 18.185 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. -0.000 min

Lab File: VN084100.D

Acq: 23 Sep 2024 11:05

Instrument :

MSVOA_N

ClientSampleId :

VN0923WBSD01

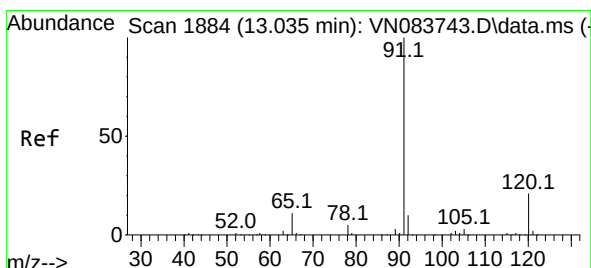
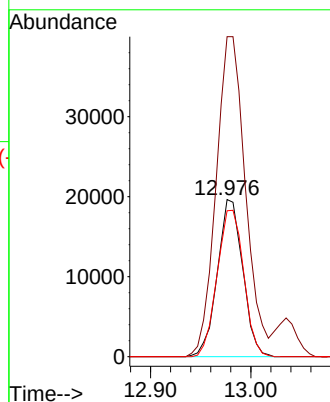
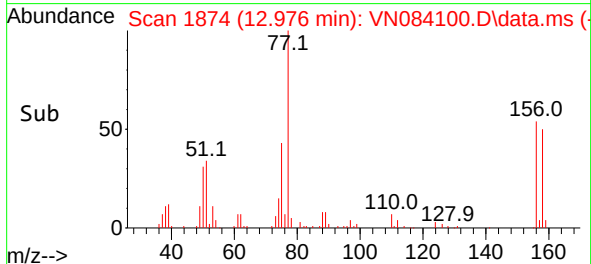
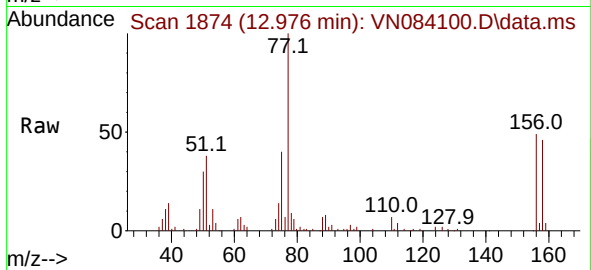
Tgt Ion:156 Resp: 3443
 Ion Ratio Lower Upper
 156 100
 77 235.8 114.3 343.1
 158 97.8 48.9 146.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/24/2024

Supervised By :Mahesh Dadoda 09/24/2024



#78

n-propylbenzene

Concen: 18.979 ug/l

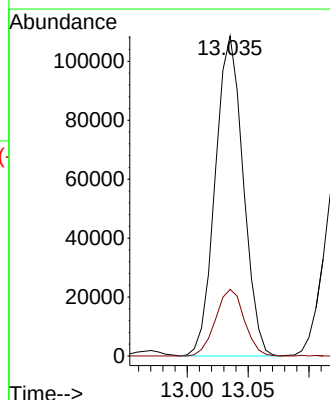
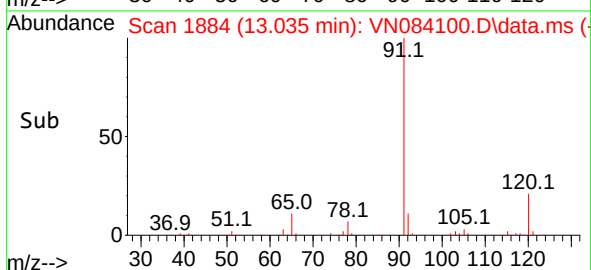
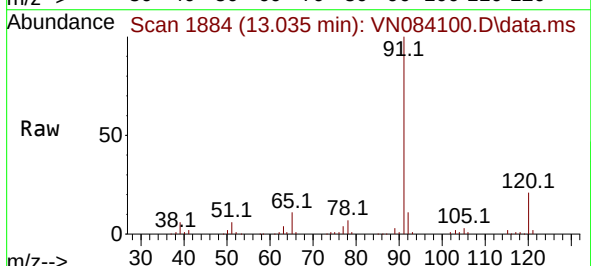
RT: 13.035 min Scan# 1884

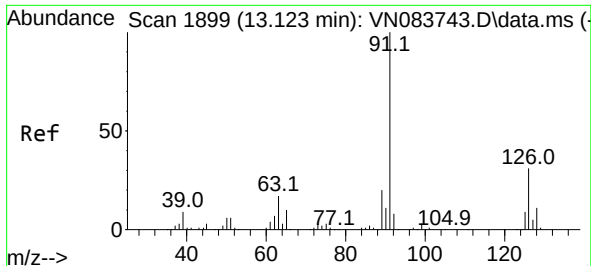
Delta R.T. -0.000 min

Lab File: VN084100.D

Acq: 23 Sep 2024 11:05

Tgt Ion: 91 Resp: 173703
 Ion Ratio Lower Upper
 91 100
 120 21.3 11.0 33.0





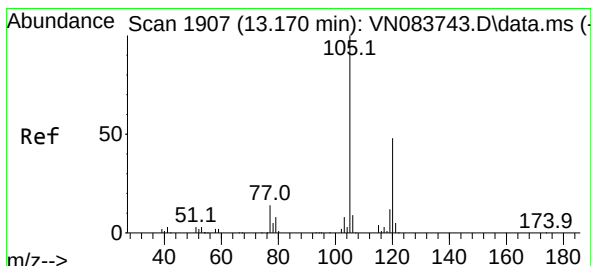
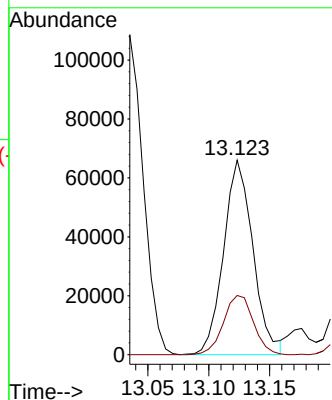
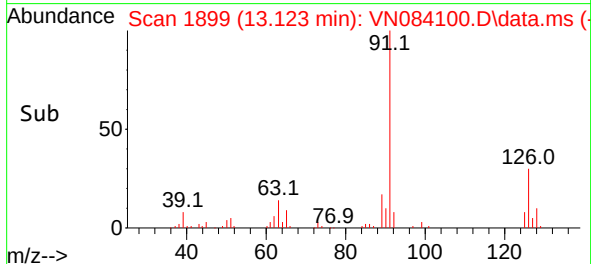
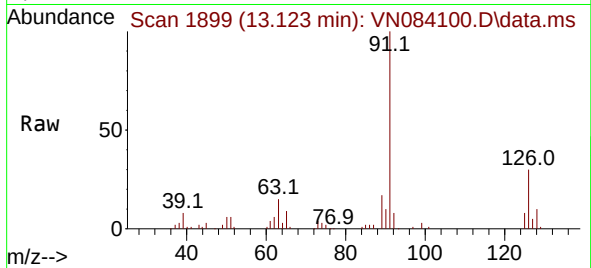
#79
2-Chlorotoluene
Concen: 19.061 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN084100.D
Acq: 23 Sep 2024 11:05

Instrument :
MSVOA_N
ClientSampleId :
VN0923WBSD01

Tgt Ion: 91 Resp: 111258
Ion Ratio Lower Upper
91 100
126 31.0 15.4 46.2

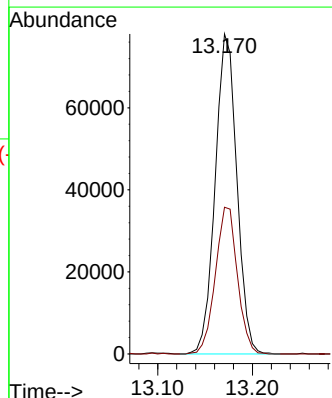
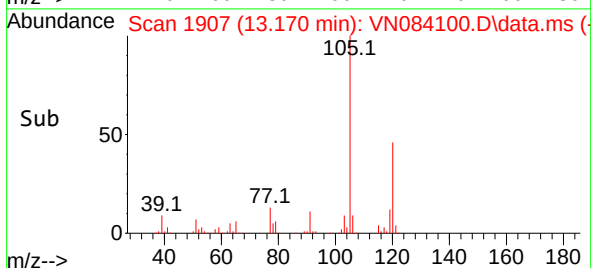
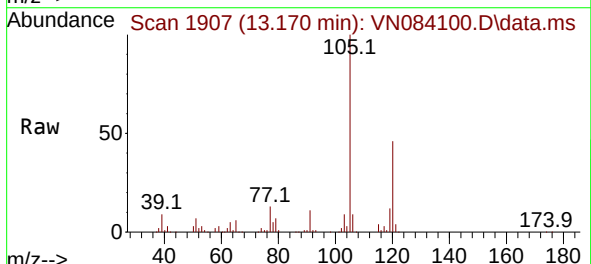
Manual Integrations
APPROVED

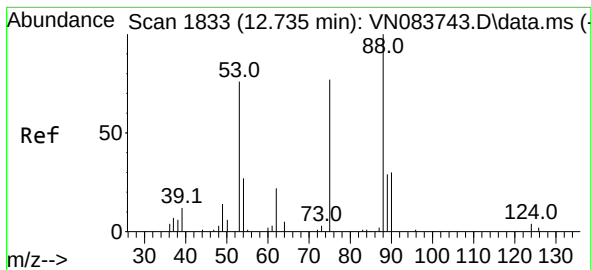
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024



#80
1,3,5-Trimethylbenzene
Concen: 18.686 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN084100.D
Acq: 23 Sep 2024 11:05

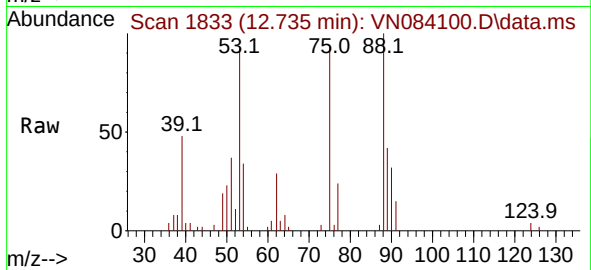
Tgt Ion:105 Resp: 123926
Ion Ratio Lower Upper
105 100
120 46.7 23.4 70.3





#81
trans-1,4-Dichloro-2-butene
Concen: 19.981 ug/l m
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN084100.D
Acq: 23 Sep 2024 11:05

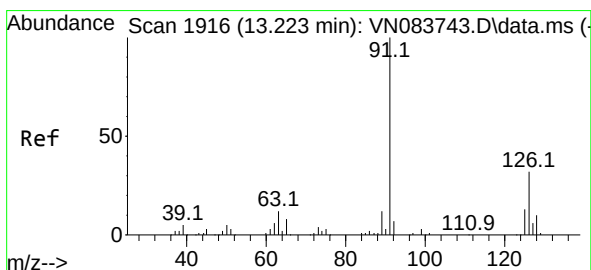
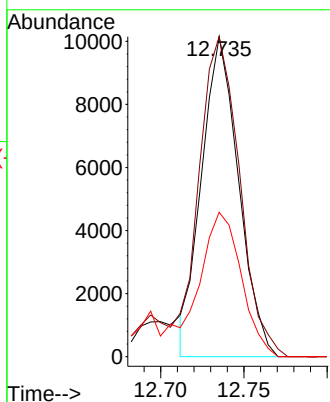
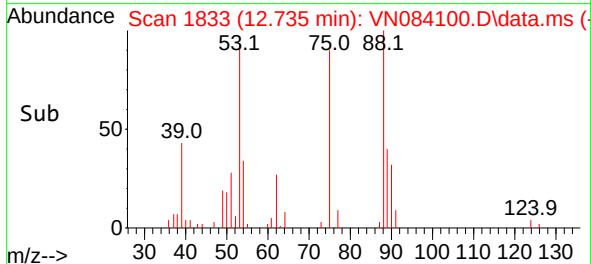
Instrument :
MSVOA_N
ClientSampleId :
VN0923WBSD01



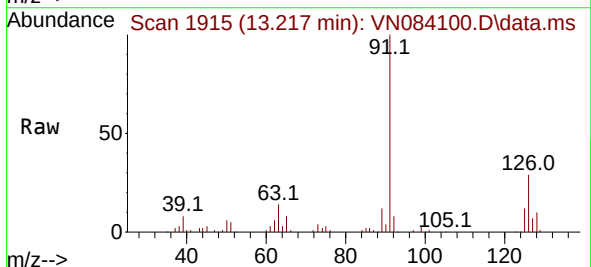
Tgt Ion: 75 Resp: 15652
Ion Ratio Lower Upper
75 100
53 110.4 81.2 121.8
89 49.0 35.7 53.5

Manual Integrations
APPROVED

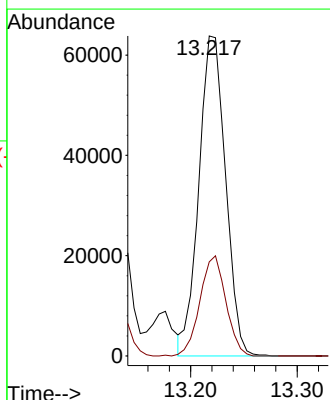
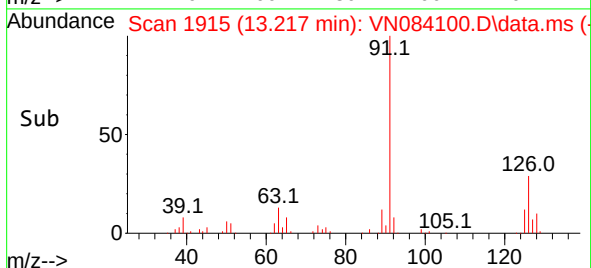
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024

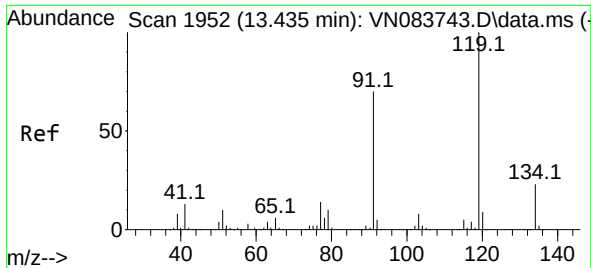


#82
4-Chlorotoluene
Concen: 18.981 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VN084100.D
Acq: 23 Sep 2024 11:05



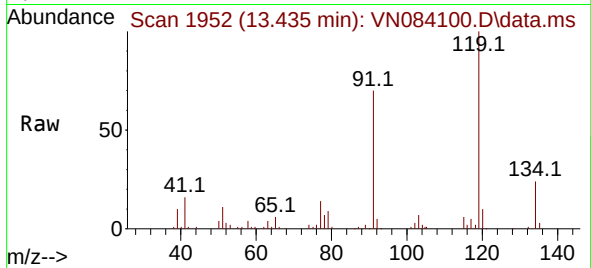
Tgt Ion: 91 Resp: 111182
Ion Ratio Lower Upper
91 100
126 30.4 15.4 46.2





#83
tert-Butylbenzene
Concen: 18.420 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN084100.D
Acq: 23 Sep 2024 11:05

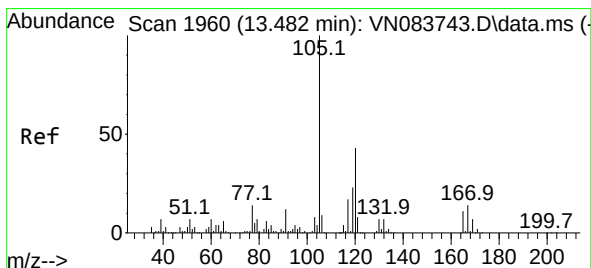
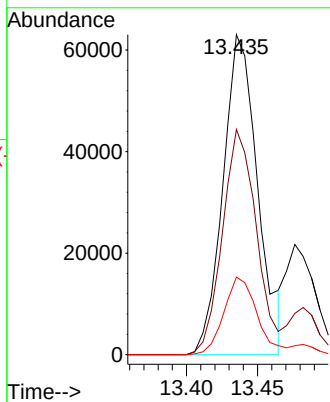
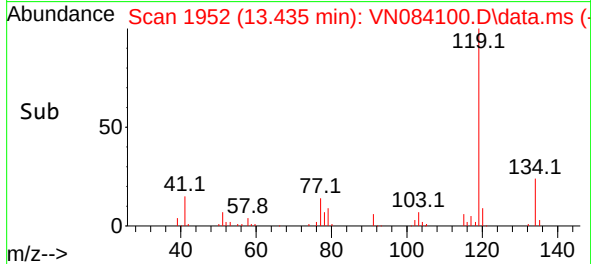
Instrument :
MSVOA_N
ClientSampleId :
VN0923WBSD01



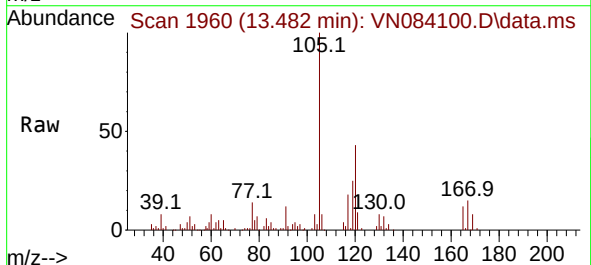
Tgt Ion:119 Resp: 106870
Ion Ratio Lower Upper
119 100
91 68.9 34.5 103.6
134 23.3 12.8 38.4

Manual Integrations
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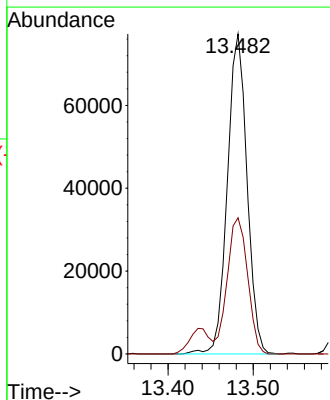
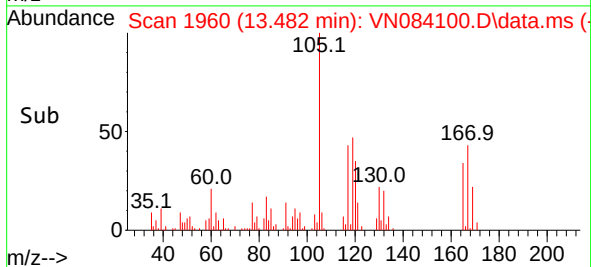
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024

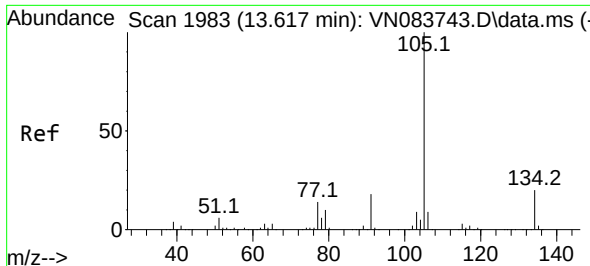


#84
1,2,4-Trimethylbenzene
Concen: 18.583 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN084100.D
Acq: 23 Sep 2024 11:05



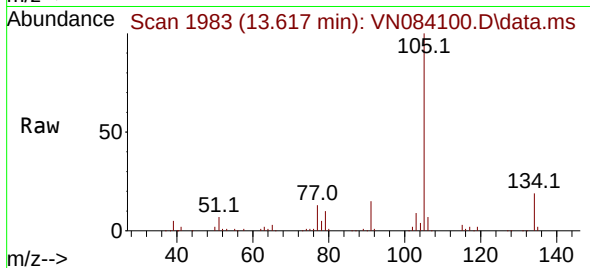
Tgt Ion:105 Resp: 123797
Ion Ratio Lower Upper
105 100
120 44.3 21.8 65.4





#85
 sec-Butylbenzene
 Concen: 19.271 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN084100.D
 Acq: 23 Sep 2024 11:05

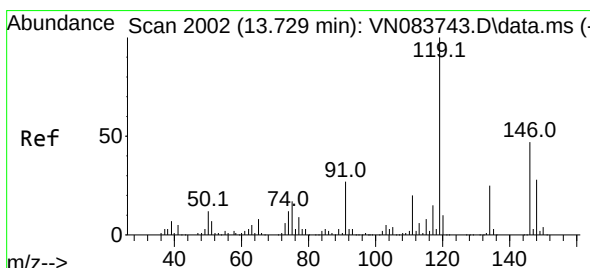
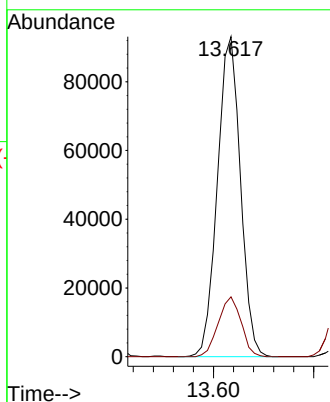
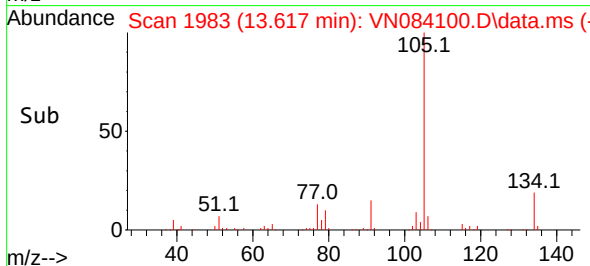
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0923WBSD01



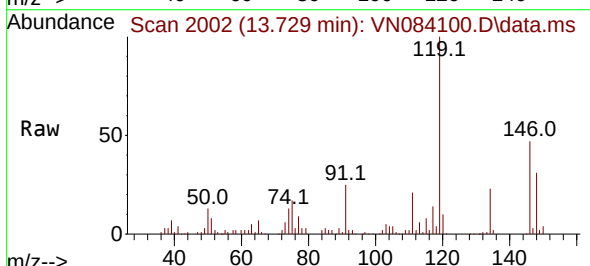
Tgt Ion:105 Resp: 148294
 Ion Ratio Lower Upper
 105 100
 134 18.6 9.7 29.1

Manual Integrations
 APPROVED

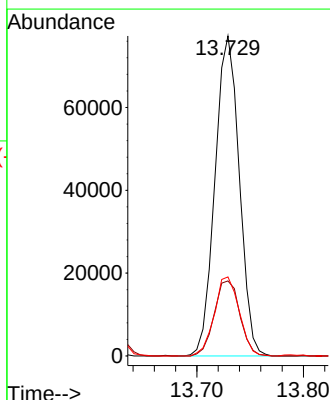
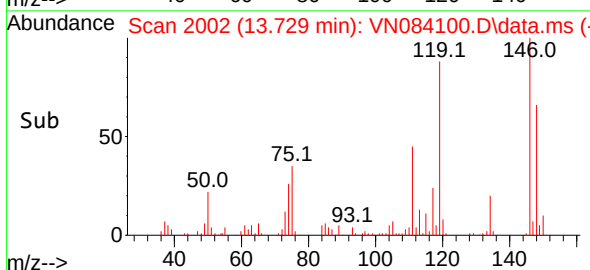
Reviewed By :John Carlone 09/24/2024
 Supervised By :Mahesh Dadoda 09/24/2024

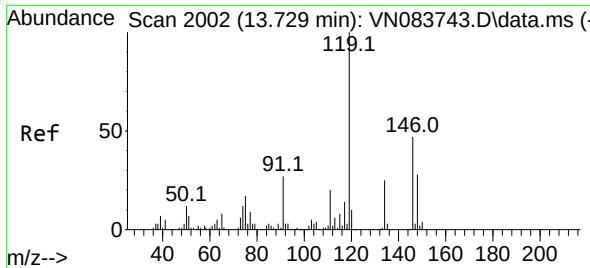


#86
 p-Isopropyltoluene
 Concen: 18.968 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN084100.D
 Acq: 23 Sep 2024 11:05



Tgt Ion:119 Resp: 122354
 Ion Ratio Lower Upper
 119 100
 134 24.8 12.8 38.3
 91 25.3 12.9 38.7





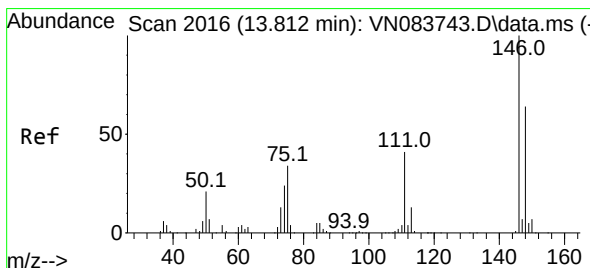
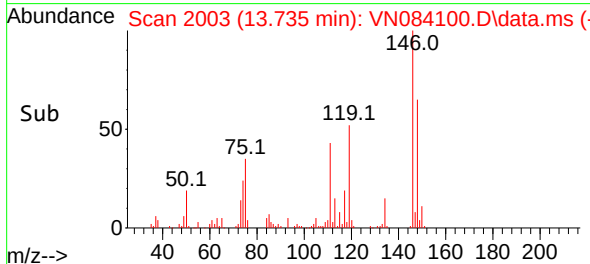
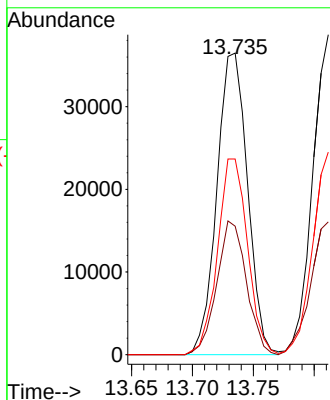
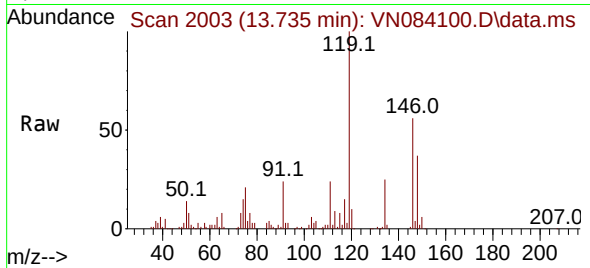
#87
1,3-Dichlorobenzene
Concen: 17.881 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.006 min
Lab File: VN084100.D
Acq: 23 Sep 2024 11:05

Instrument :
MSVOA_N
ClientSampleId :
VN0923WBSD01

Tgt Ion:146 Resp: 63890
Ion Ratio Lower Upper
146 100
111 42.8 21.7 65.1
148 63.6 31.7 95.1

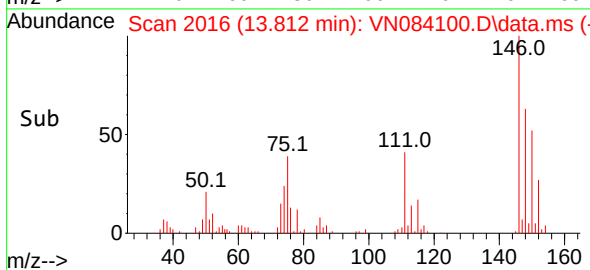
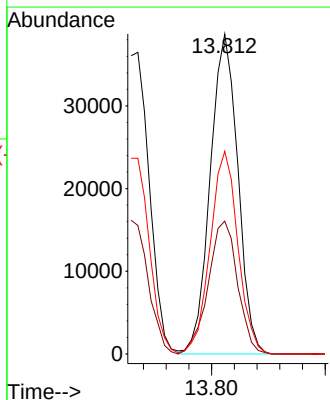
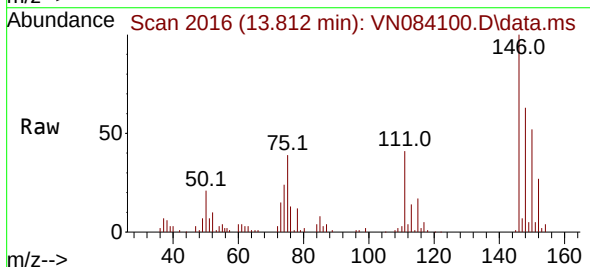
Manual Integrations
APPROVED

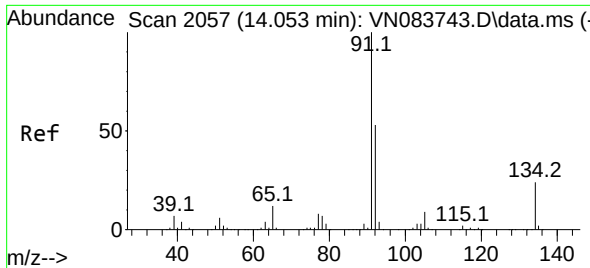
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024



#88
1,4-Dichlorobenzene
Concen: 18.068 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN084100.D
Acq: 23 Sep 2024 11:05

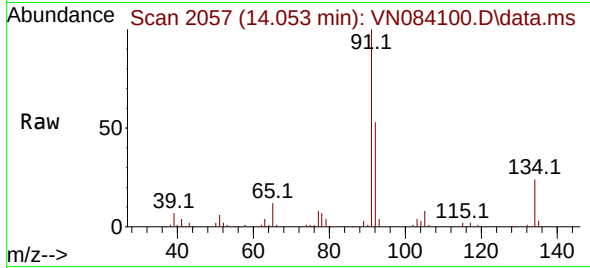
Tgt Ion:146 Resp: 65378
Ion Ratio Lower Upper
146 100
111 44.0 21.3 64.0
148 63.5 32.0 96.2





#89
n-Butylbenzene
Concen: 18.010 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN084100.D
Acq: 23 Sep 2024 11:05

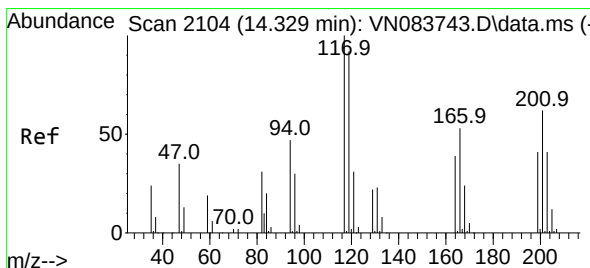
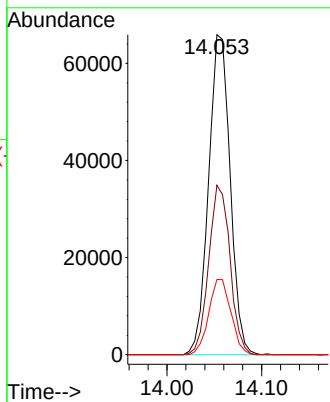
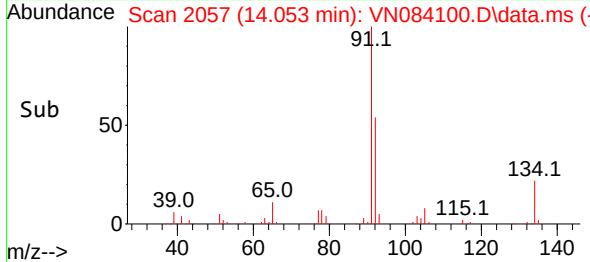
Instrument :
MSVOA_N
ClientSampleId :
VN0923WBSD01



Tgt Ion: 91 Resp: 104309
Ion Ratio Lower Upper
91 100
92 52.3 26.7 80.1
134 24.2 12.2 36.4

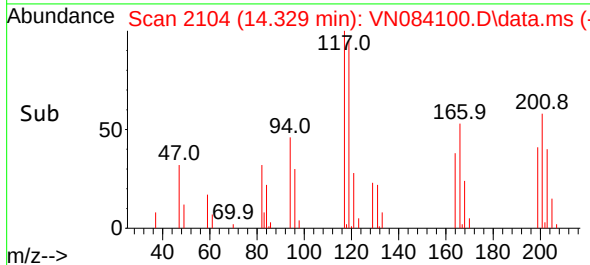
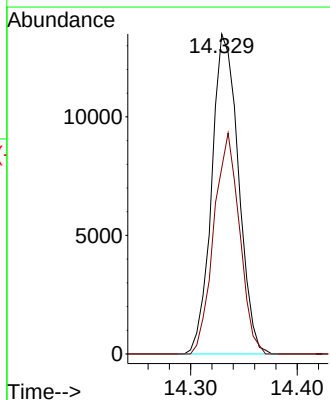
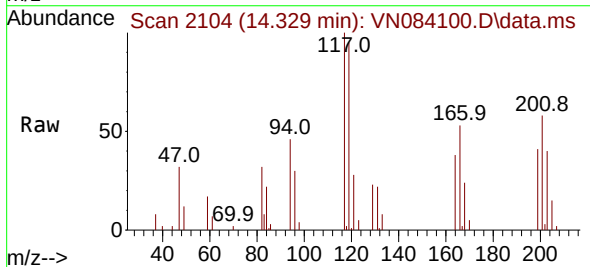
Manual Integrations
APPROVED

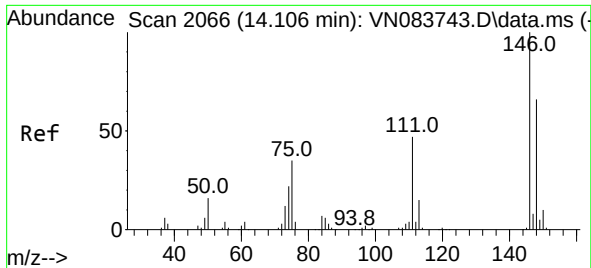
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024



#90
Hexachloroethane
Concen: 18.152 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN084100.D
Acq: 23 Sep 2024 11:05

Tgt Ion:117 Resp: 23537
Ion Ratio Lower Upper
117 100
201 66.2 32.8 98.3





#91

1,2-Dichlorobenzene

Concen: 18.587 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VN084100.D

Acq: 23 Sep 2024 11:05

Instrument :

MSVOA_N

ClientSampleId :

VN0923WBSD01

Tgt Ion:146 Resp: 6410

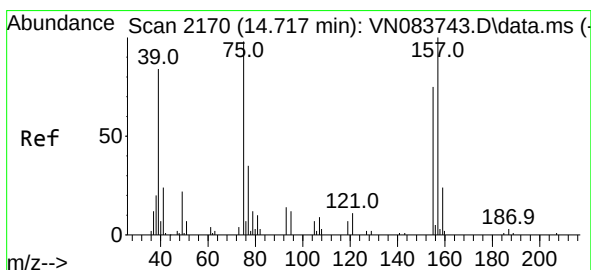
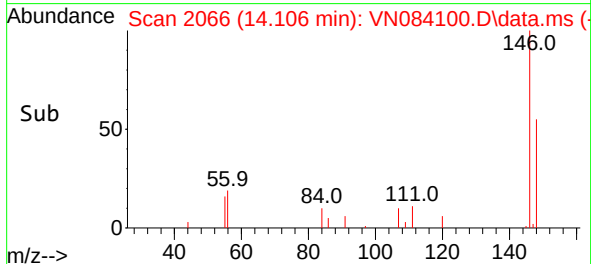
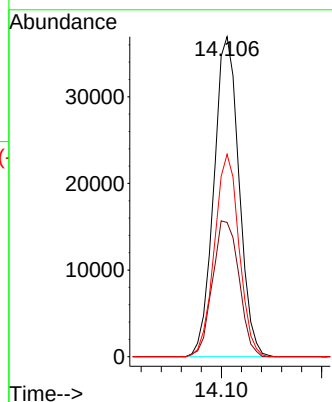
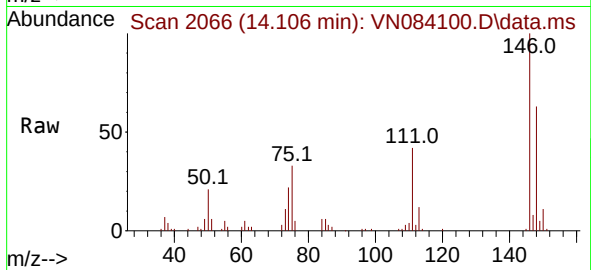
Ion	Ratio	Lower	Upper
146	100		
111	44.7	22.8	68.3
148	61.9	32.1	96.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/24/2024

Supervised By :Mahesh Dadoda 09/24/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.811 ug/l

RT: 14.723 min Scan# 2171

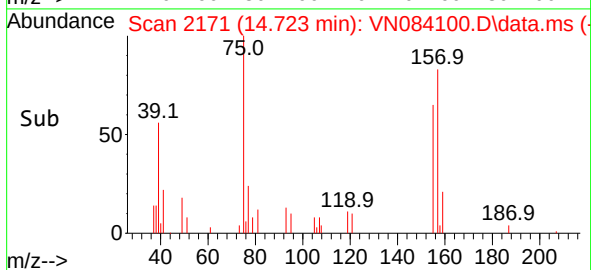
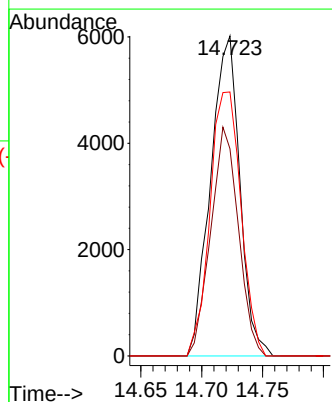
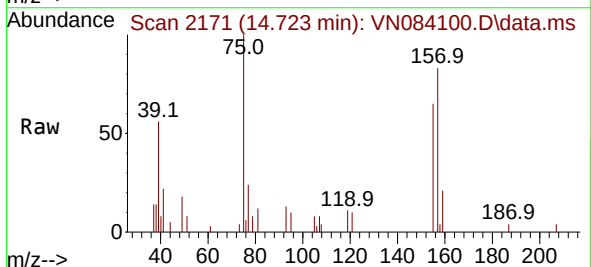
Delta R.T. 0.006 min

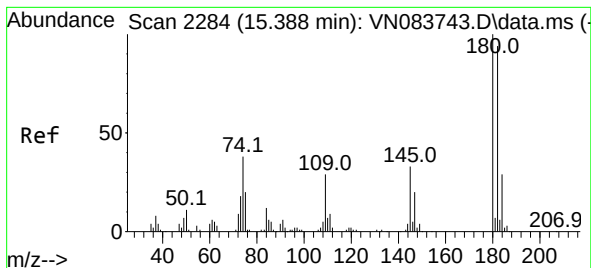
Lab File: VN084100.D

Acq: 23 Sep 2024 11:05

Tgt Ion: 75 Resp: 10049

Ion	Ratio	Lower	Upper
75	100		
155	67.8	35.9	107.7
157	87.7	47.5	142.5





#93

1,2,4-Trichlorobenzene

Concen: 16.637 ug/l

RT: 15.388 min Scan# 2284

Delta R.T. -0.000 min

Lab File: VN084100.D

Acq: 23 Sep 2024 11:05

Instrument :

MSVOA_N

ClientSampleId :

VN0923WBSD01

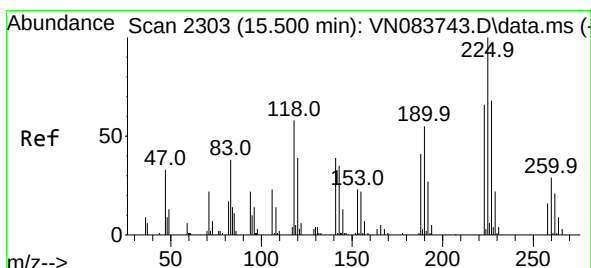
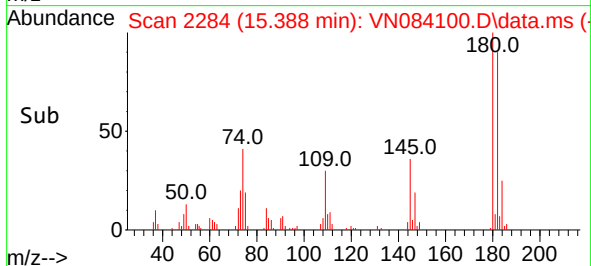
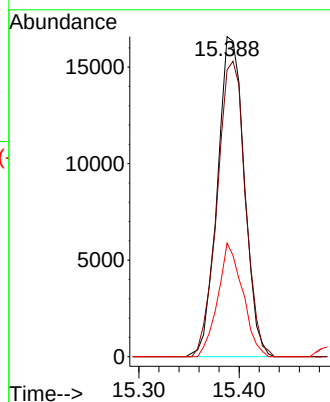
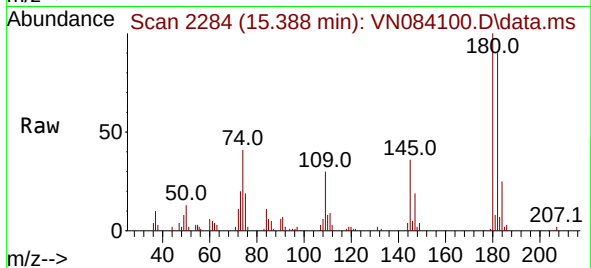
Tgt Ion:180	Resp:	30790
Ion Ratio	Lower	Upper
180	100	
182	96.1	48.1 144.3
145	32.8	16.9 50.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/24/2024

Supervised By :Mahesh Dadoda 09/24/2024



#94

Hexachlorobutadiene

Concen: 18.527 ug/l

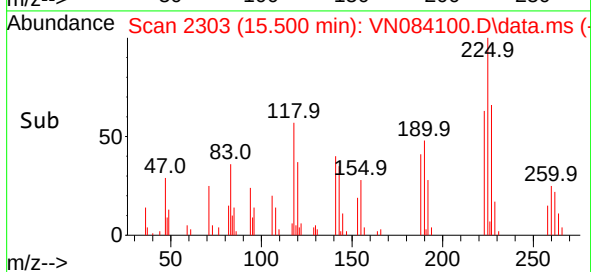
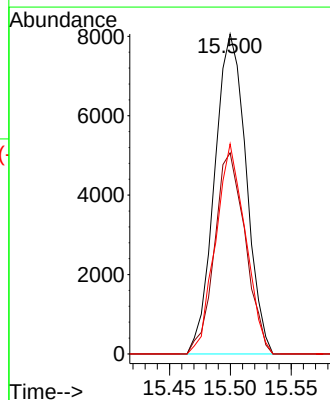
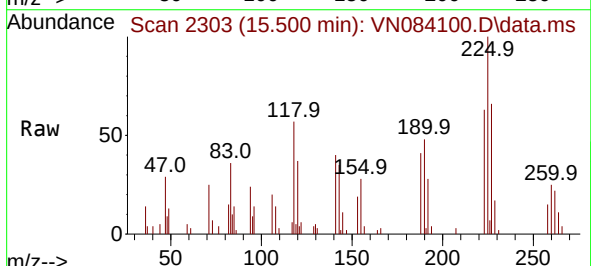
RT: 15.500 min Scan# 2303

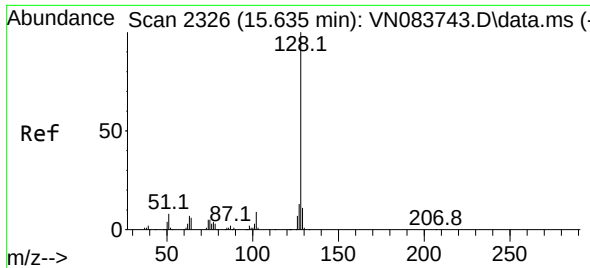
Delta R.T. -0.000 min

Lab File: VN084100.D

Acq: 23 Sep 2024 11:05

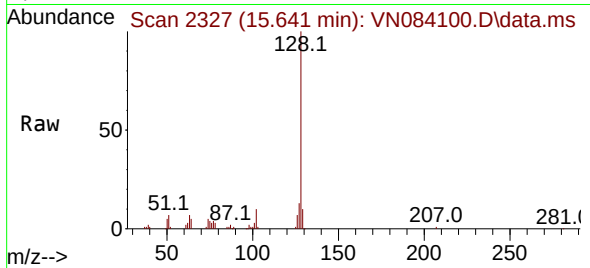
Tgt Ion:225	Resp:	14561
Ion Ratio	Lower	Upper
225	100	
223	61.3	31.9 95.5
227	62.0	32.0 96.2





#95
Naphthalene
Concen: 17.982 ug/l
RT: 15.641 min Scan# 2326
Delta R.T. 0.006 min
Lab File: VN084100.D
Acq: 23 Sep 2024 11:05

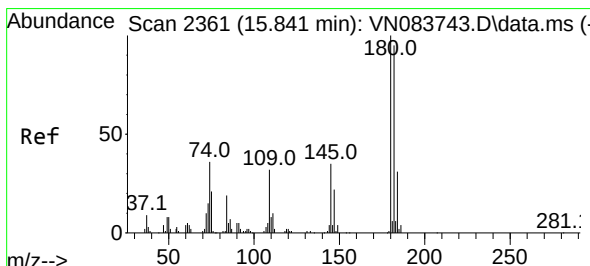
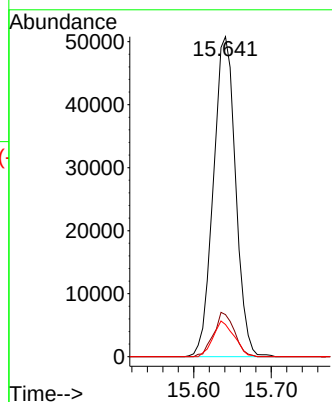
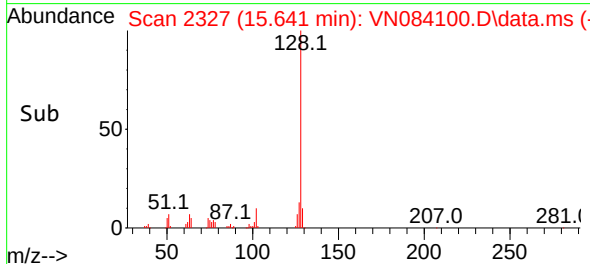
Instrument :
MSVOA_N
ClientSampleId :
VN0923WBSD01



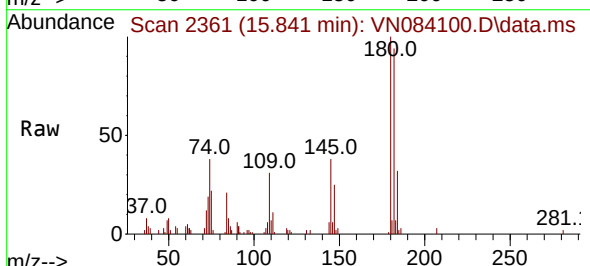
Tgt Ion:128 Resp: 101240
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 10.6 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024



#96
1,2,3-Trichlorobenzene
Concen: 17.548 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN084100.D
Acq: 23 Sep 2024 11:05



Tgt Ion:180 Resp: 31037
Ion Ratio Lower Upper
180 100
182 93.8 47.1 141.4
145 37.9 17.8 53.5

