

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121324\
 Data File : VN085201.D
 Acq On : 13 Dec 2024 17:03
 Operator : JC\MD
 Sample : P5270-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 13 23:37:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 23 02:54:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	175126	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	289078	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	258775	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	120700	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	111482	44.690	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.380%
35) Dibromofluoromethane	8.165	113	92103	47.246	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.500%
50) Toluene-d8	10.565	98	343635	49.187	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.380%
62) 4-Bromofluorobenzene	12.847	95	139692	53.467	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	106.940%

Target Compounds			Qvalue			
3) Chloromethane	2.324	50	12151	5.290	ug/l #	40
6) Chloroethane	3.153	64	902	0.648	ug/l #	80
16) Acetone	4.430	43	572	0.787	ug/l #	43
18) Methyl Acetate	5.012	43	98	Below Cal	#	50
25) 2-Butanone	7.483	43	763	0.642	ug/l #	48
31) Cyclohexane	8.218	56	27619	8.312	ug/l #	64
36) 1,1-Dichloropropene	8.224	75	13830	5.238	ug/l #	53
37) Ethyl Acetate	7.483	43	763	0.318	ug/l #	71
38) Carbon Tetrachloride	8.224	117	19466	6.387	ug/l #	16
39) Methylcyclohexane	9.594	83	44207	16.111	ug/l	93
40) Benzene	8.600	78	8184	0.980	ug/l #	86
41) Methacrylonitrile	8.006	41	4326	3.255	ug/l #	54
43) Isopropyl Acetate	8.694	43	25467	5.107	ug/l #	55
45) 1,2-Dichloropropane	9.594	63	490	0.238	ug/l #	19
47) Bromodichloromethane	9.782	83	1539	0.508	ug/l #	26
48) Methyl methacrylate	9.594	41	17302	9.325	ug/l #	53
52) Toluene	10.635	92	3417	0.691	ug/l	81
55) 1,1,2-Trichloroethane	11.006	97	2166	1.176	ug/l #	24
56) Ethyl methacrylate	10.906	69	972	0.361	ug/l #	1
67) Ethyl Benzene	11.959	91	160588	16.866	ug/l	98
68) m/p-Xylenes	12.071	106	5910	1.630	ug/l	94
69) o-Xylene	12.394	106	23143	6.712	ug/l	89
70) Styrene	12.406	104	7606	1.326	ug/l #	48
71) Bromoform	12.841	173	672	0.438	ug/l #	1
73) Isopropylbenzene	12.694	105	822104	96.548	ug/l	100
76) 1,2,3-Trichloropropane	13.029	75	5920	2.696	ug/l #	1
78) n-propylbenzene	13.035	91	867703	88.350	ug/l	99
79) 2-Chlorotoluene	13.129	91	60118	9.170	ug/l #	45
80) 1,3,5-Trimethylbenzene	13.170	105	172140	24.092	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.688	75	12087	12.154	ug/l #	60
82) 4-Chlorotoluene	13.129	91	60118	8.808	ug/l #	45
83) tert-Butylbenzene	13.482	119	571480	92.957	ug/l #	62
84) 1,2,4-Trimethylbenzene	13.476	105	4801738	652.863	ug/l	100
85) sec-Butylbenzene	13.476	105	4801738	578.188	ug/l #	57
86) p-Isopropyltoluene	13.670	119	110977	16.188	ug/l	97
89) n-Butylbenzene	13.994	91	454144	71.233	ug/l #	43

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ALS Vial : 14 Sample Multiplier: 1

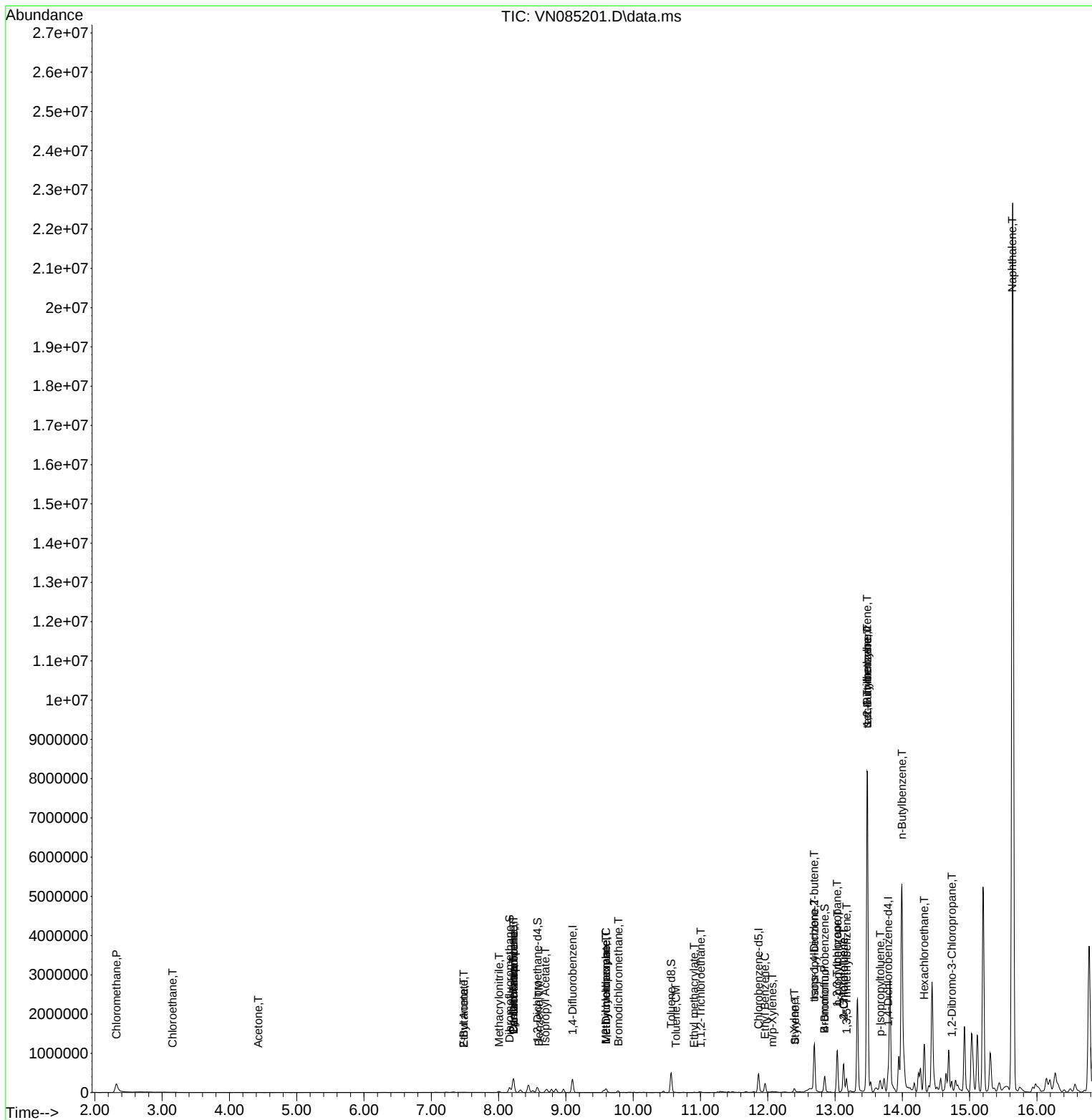
Instrument :
MSVOA_N
ClientSampleId :

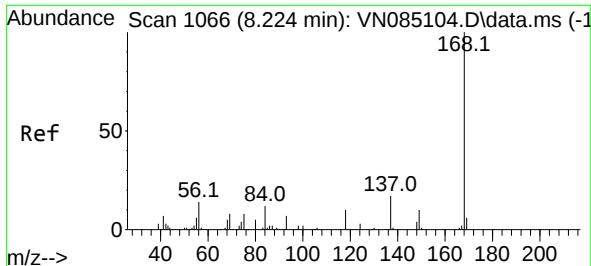
Quant Time: Dec 13 23:37:15 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 23 02:54:10 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	14.323	117	97291	65.106	ug/l #	14
92) 1,2-Dibromo-3-Chloropr...	14.735	75	1307	2.325	ug/l #	14
95) Naphthalene	15.635	128	19362960	2889.417	ug/l	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

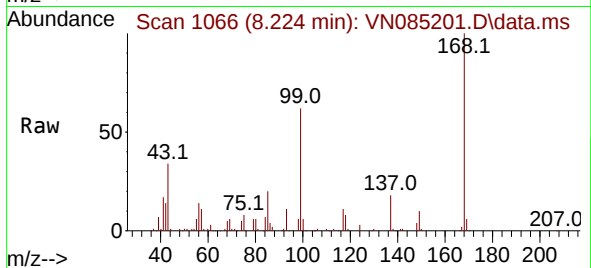
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
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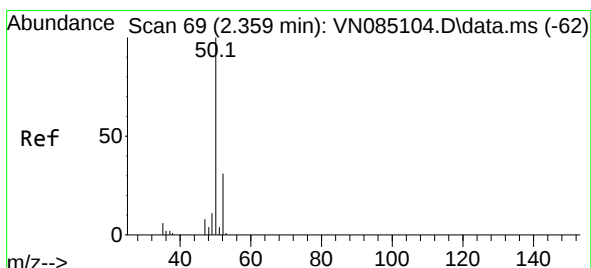
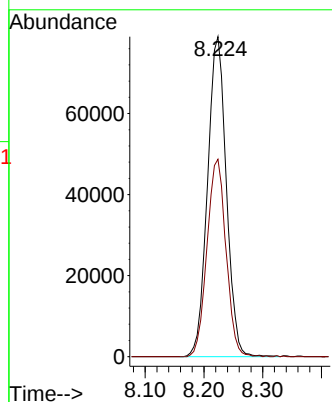
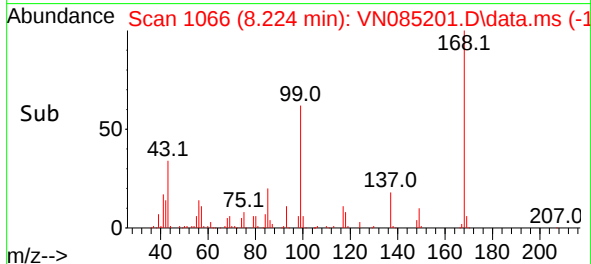


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085201.D
Acq: 13 Dec 2024 17:03

Instrument :
MSVOA_N
ClientSampleId :

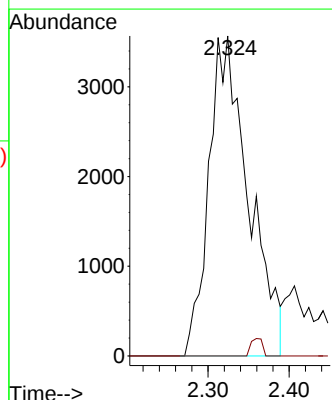
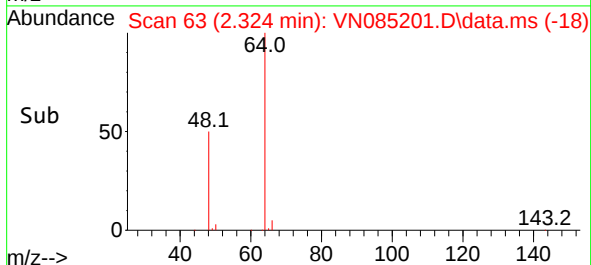
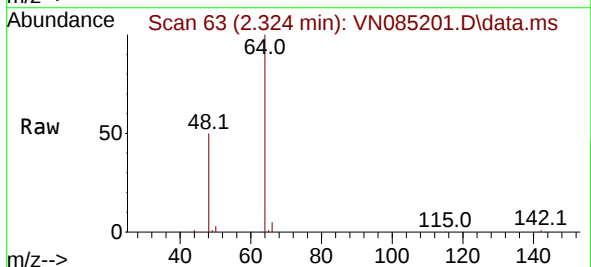


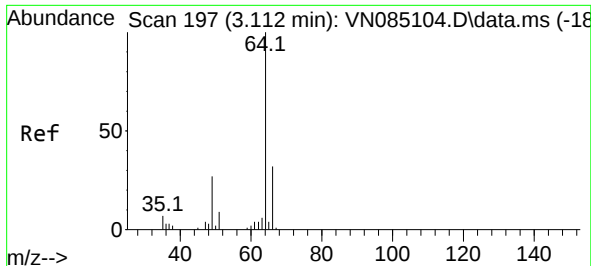
Tgt Ion:168 Resp: 175126
Ion Ratio Lower Upper
168 100
99 61.7 51.2 76.8



#3
Chloromethane
Concen: 5.290 ug/l
RT: 2.324 min Scan# 63
Delta R.T. -0.035 min
Lab File: VN085201.D
Acq: 13 Dec 2024 17:03

Tgt Ion: 50 Resp: 12151
Ion Ratio Lower Upper
50 100
52 0.0 27.8 41.8#





#6

Chloroethane

Concen: 0.648 ug/l

RT: 3.153 min Scan# 204

Delta R.T. 0.088 min

Lab File: VN085201.D

Acq: 13 Dec 2024 17:03

Instrument :

MSVOA_N

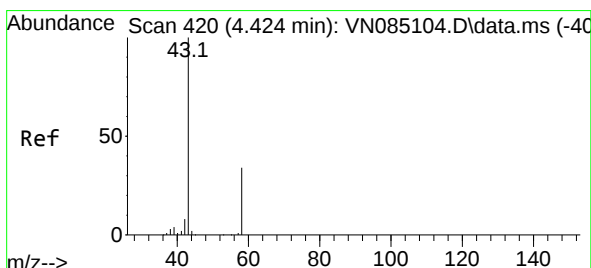
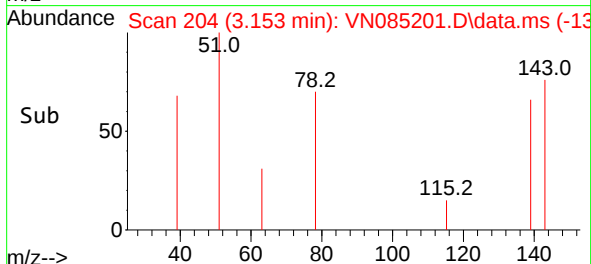
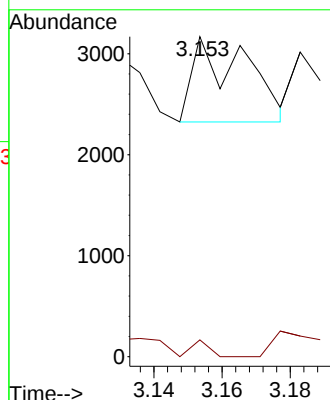
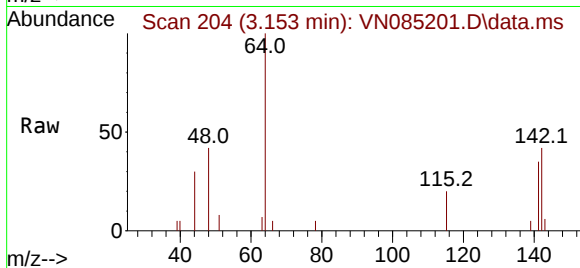
ClientSampleId :

Tgt Ion: 64 Resp: 902

Ion Ratio Lower Upper

64 100

66 19.6 24.4 36.6#



#16

Acetone

Concen: 0.787 ug/l

RT: 4.430 min Scan# 421

Delta R.T. 0.006 min

Lab File: VN085201.D

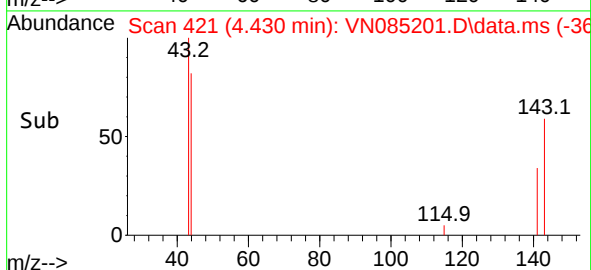
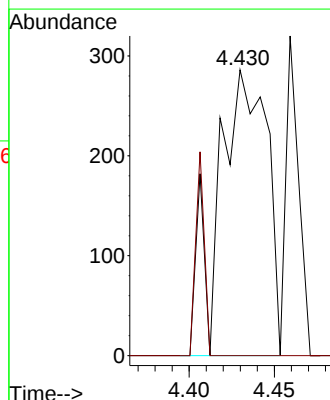
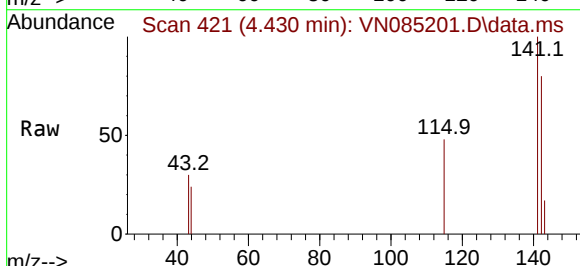
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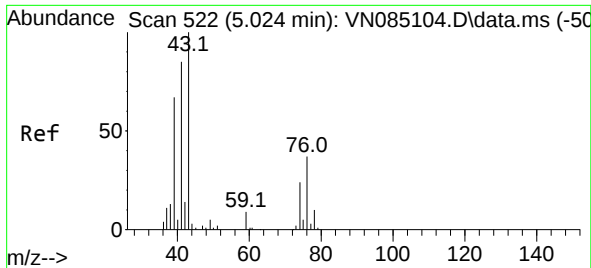
Tgt Ion: 43 Resp: 572

Ion Ratio Lower Upper

43 100

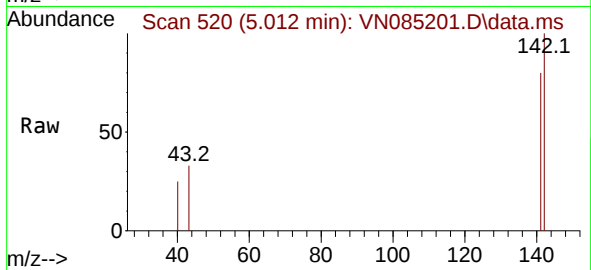
58 0.0 25.4 38.2#



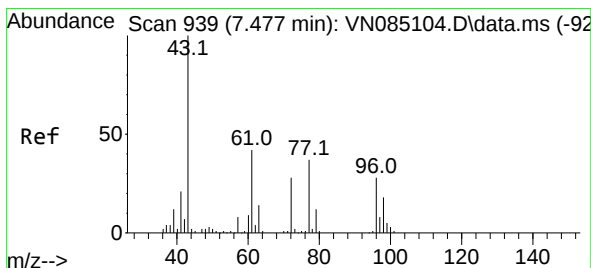
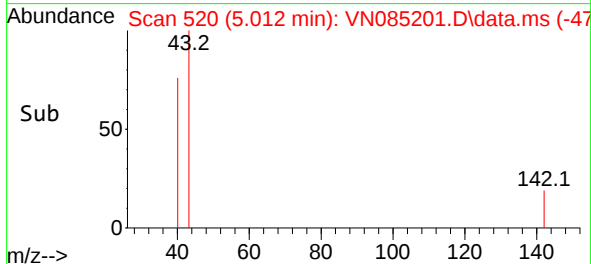
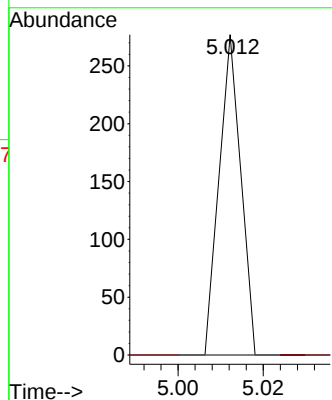


#18
Methyl Acetate
Concen: Below Cal
RT: 5.012 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN085201.D
Acq: 13 Dec 2024 17:03

Instrument :
MSVOA_N
ClientSampleId :

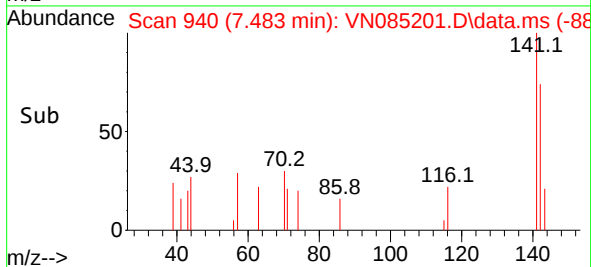
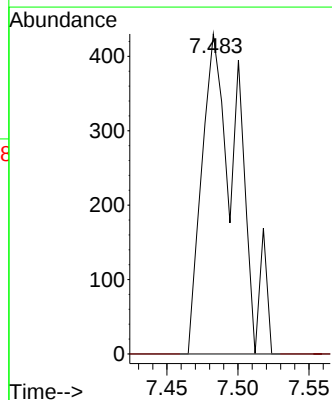
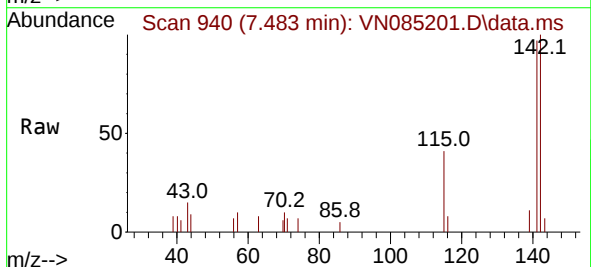


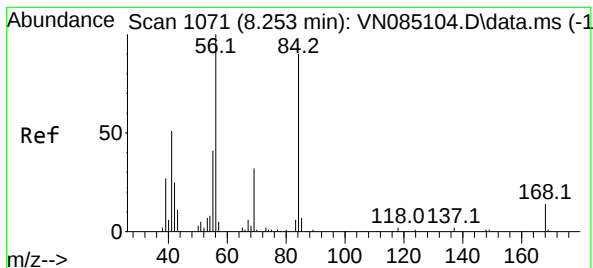
Tgt Ion: 43 Resp: 98
Ion Ratio Lower Upper
43 100
74 0.0 20.1 30.1#



#25
2-Butanone
Concen: 0.642 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN085201.D
Acq: 13 Dec 2024 17:03

Tgt Ion: 43 Resp: 763
Ion Ratio Lower Upper
43 100
72 0.0 21.4 32.0#





#31

Cyclohexane

Concen: 8.312 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.035 min

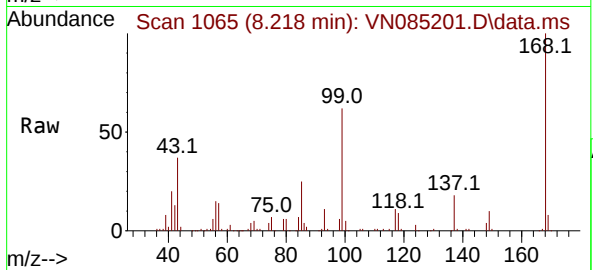
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Acq: 13 Dec 2024 17:03

Instrument :

MSVOA_N

ClientSampleId :



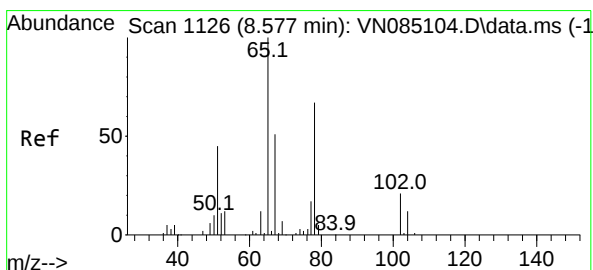
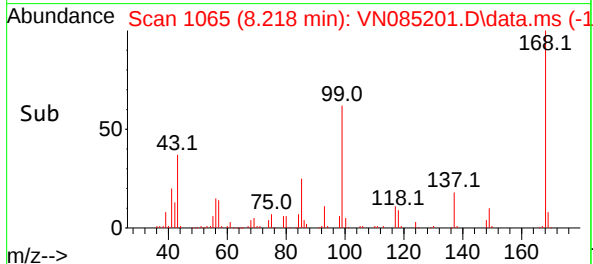
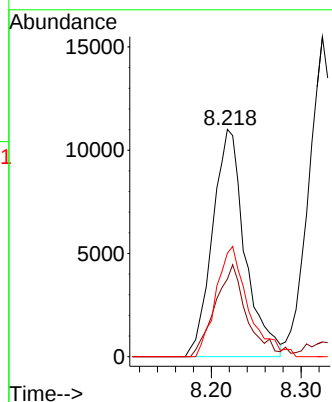
Tgt Ion: 56 Resp: 27619

Ion Ratio Lower Upper

56 100

69 34.2 24.6 36.8

84 45.5 71.4 107.2#



#33

1,2-Dichloroethane-d4

Concen: 44.690 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN085201.D

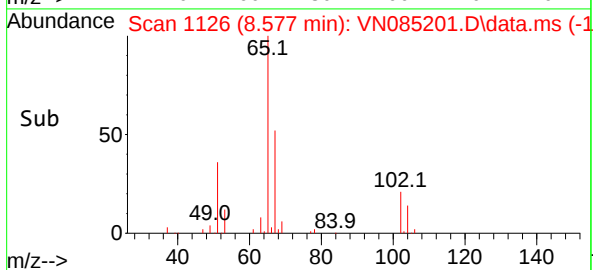
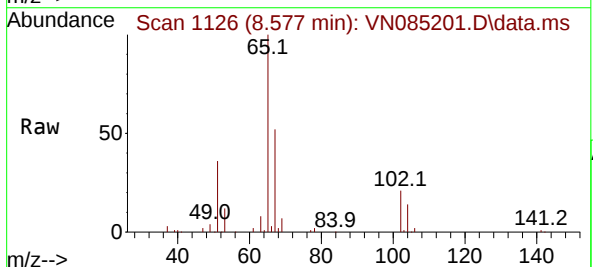
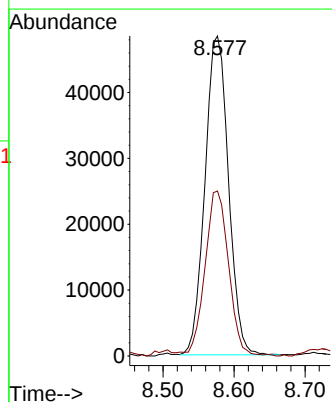
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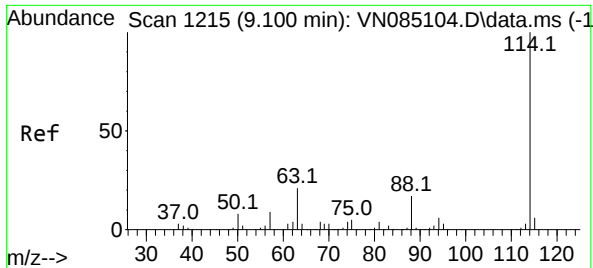
Tgt Ion: 65 Resp: 111482

Ion Ratio Lower Upper

65 100

67 51.8 0.0 105.0

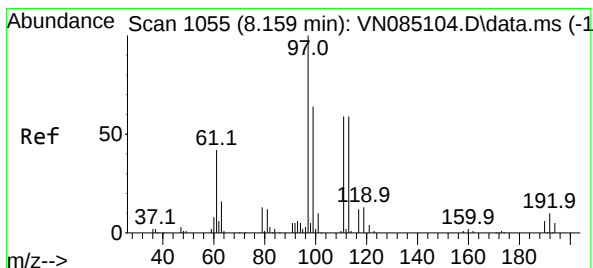
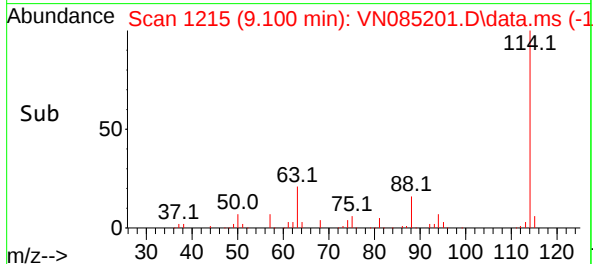
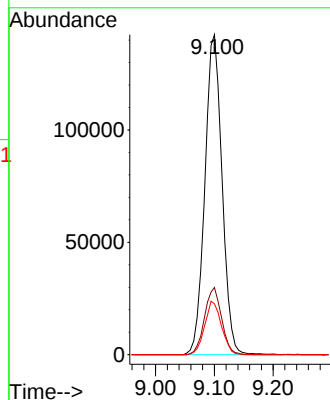
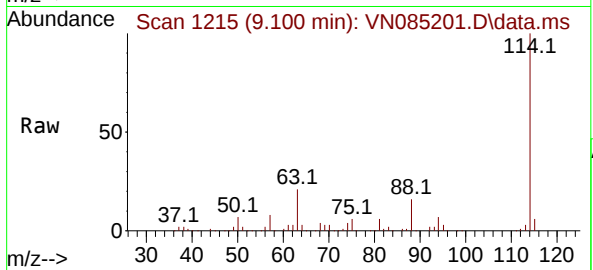




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085201.D
Acq: 13 Dec 2024 17:03

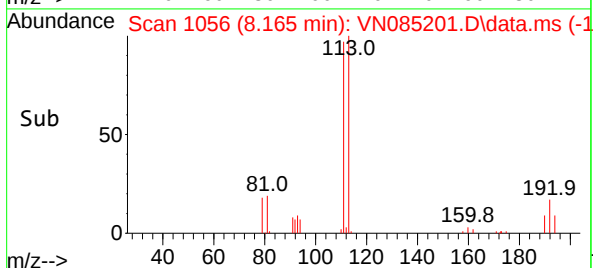
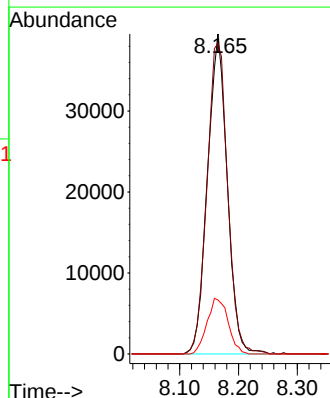
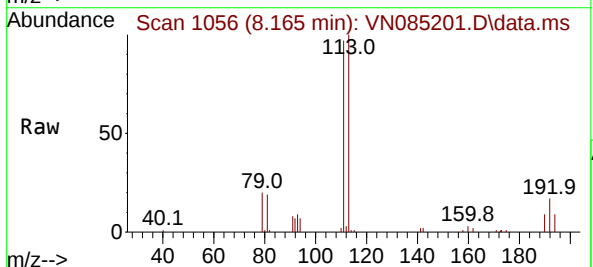
Instrument :
MSVOA_N
ClientSampleId :

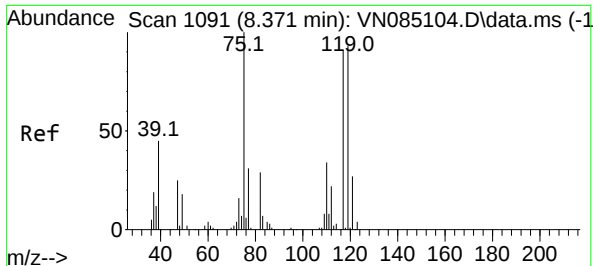
Tgt Ion:114 Resp: 289078
Ion Ratio Lower Upper
114 100
63 21.0 0.0 41.0
88 15.9 0.0 34.8



#35
Dibromofluoromethane
Concen: 47.246 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085201.D
Acq: 13 Dec 2024 17:03

Tgt Ion:113 Resp: 92103
Ion Ratio Lower Upper
113 100
111 101.8 82.0 123.0
192 18.5 14.8 22.2





#36

1,1-Dichloropropene

Concen: 5.238 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.141 min

Lab File: VN085201.D

Acq: 13 Dec 2024 17:03

Instrument :

MSVOA_N

ClientSampleId :

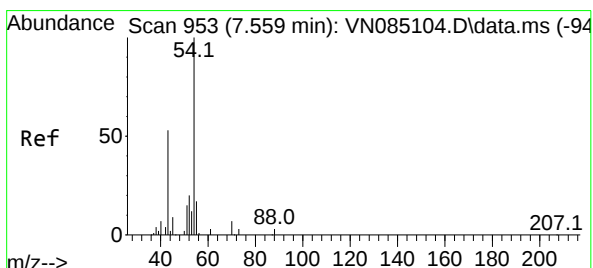
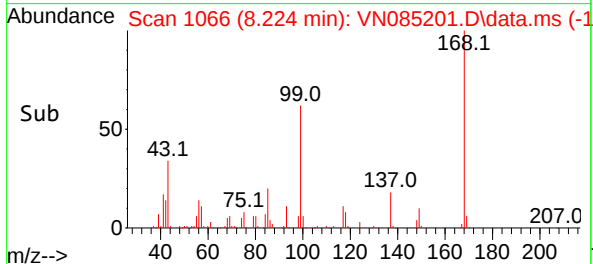
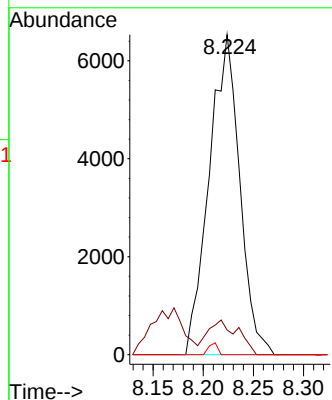
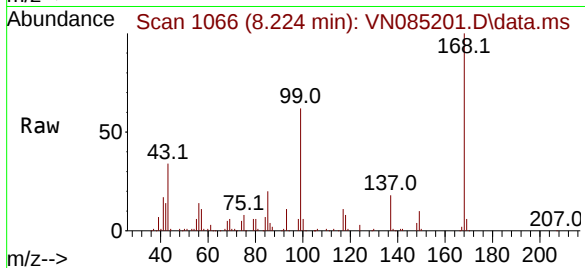
Tgt Ion: 75 Resp: 13830

Ion Ratio Lower Upper

75 100

110 10.7 17.2 51.6#

77 1.1 24.2 36.4#



#37

Ethyl Acetate

Concen: 0.318 ug/l

RT: 7.483 min Scan# 940

Delta R.T. -0.071 min

Lab File: VN085201.D

Acq: 13 Dec 2024 17:03

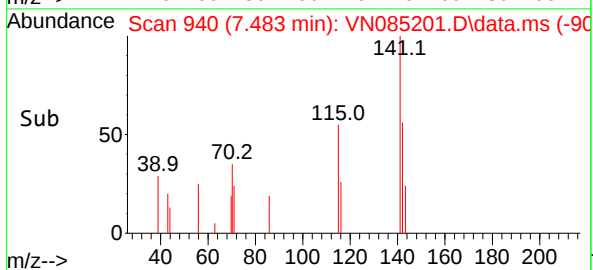
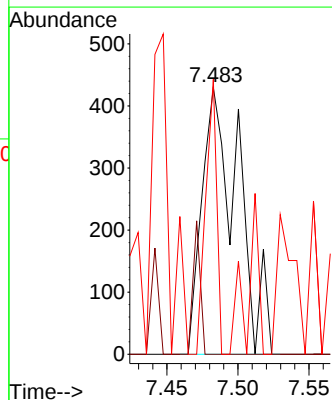
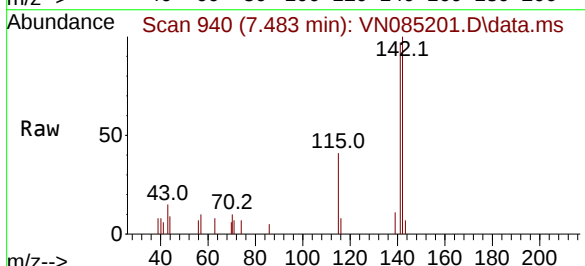
Tgt Ion: 43 Resp: 763

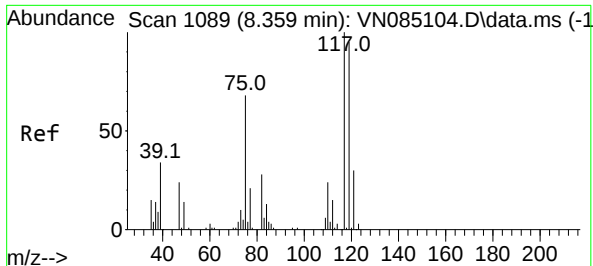
Ion Ratio Lower Upper

43 100

61 10.0 11.7 17.5#

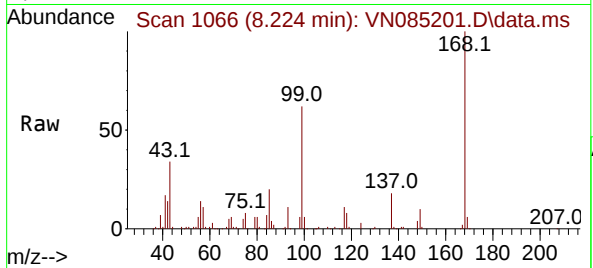
70 31.3 9.3 13.9#



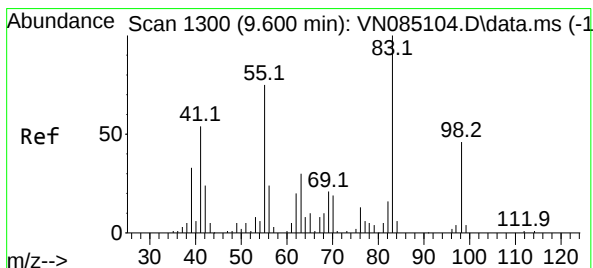
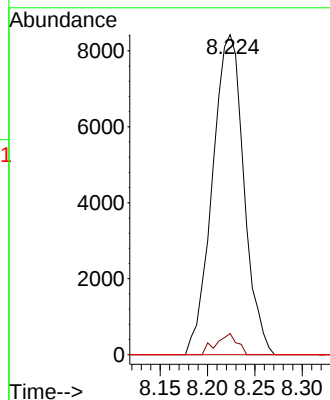
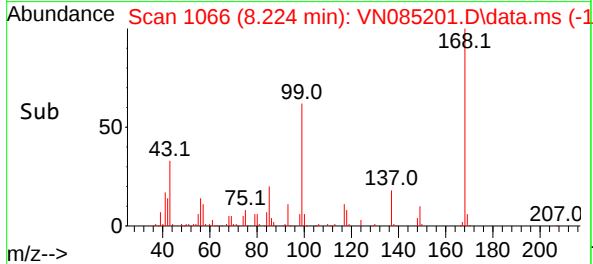


#38
Carbon Tetrachloride
Concen: 6.387 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.129 min
Lab File: VN085201.D
Acq: 13 Dec 2024 17:03

Instrument :
MSVOA_N
ClientSampleId :

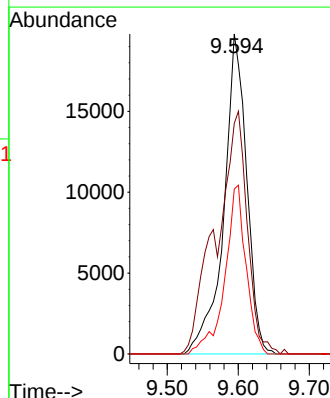
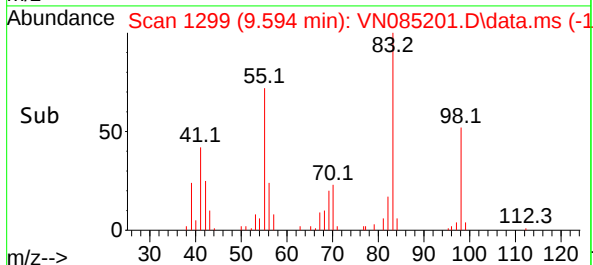
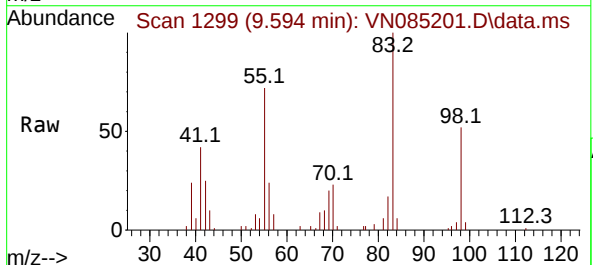


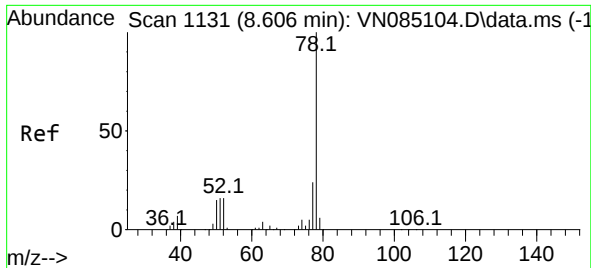
Tgt Ion:117 Resp: 19466
Ion Ratio Lower Upper
117 100
119 6.6 78.6 117.8#
121 0.0 24.2 36.2#



#39
Methylcyclohexane
Concen: 16.111 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. -0.000 min
Lab File: VN085201.D
Acq: 13 Dec 2024 17:03

Tgt Ion: 83 Resp: 44207
Ion Ratio Lower Upper
83 100
55 72.0 61.8 92.6
98 51.6 37.0 55.6





#40

Benzene

Concen: 0.980 ug/l

RT: 8.600 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN085201.D

Acq: 13 Dec 2024 17:03

Instrument :

MSVOA_N

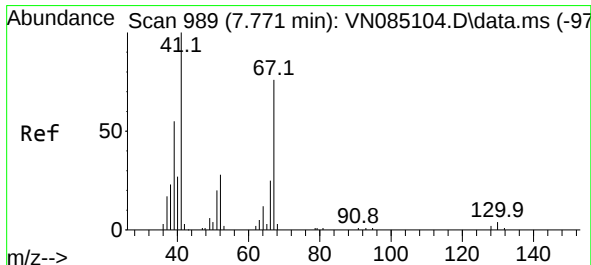
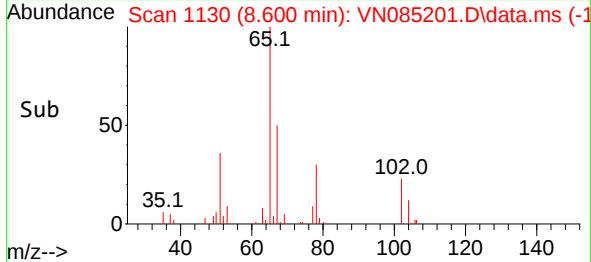
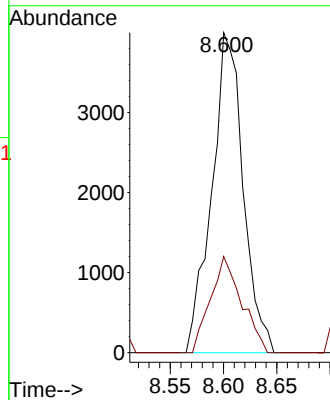
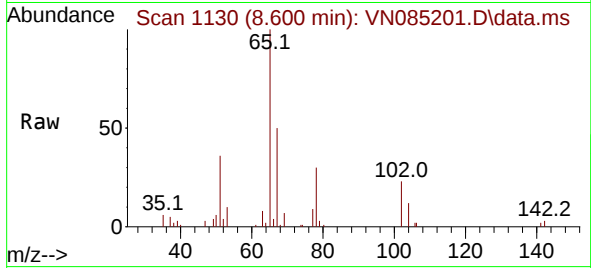
ClientSampleId :

Tgt Ion: 78 Resp: 8184

Ion Ratio Lower Upper

78 100

77 30.0 18.5 27.7#



#41

Methacrylonitrile

Concen: 3.255 ug/l

RT: 8.006 min Scan# 1029

Delta R.T. 0.235 min

Lab File: VN085201.D

Acq: 13 Dec 2024 17:03

Tgt Ion: 41 Resp: 4326

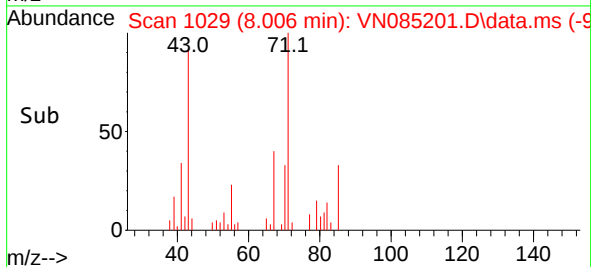
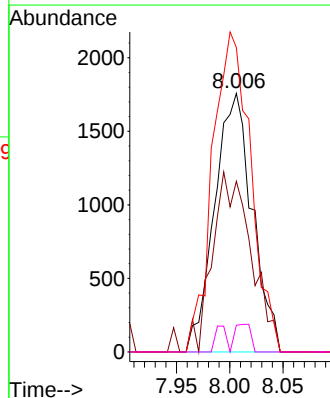
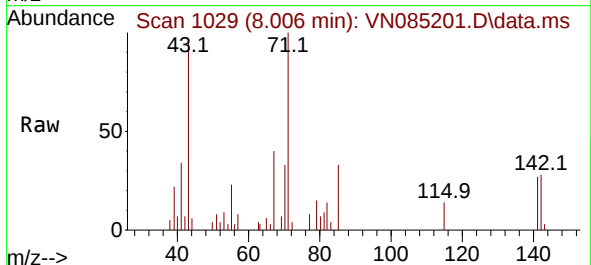
Ion Ratio Lower Upper

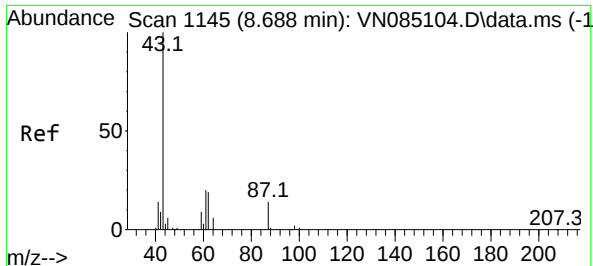
41 100

39 71.5 42.6 63.8#

67 124.7 59.9 89.9#

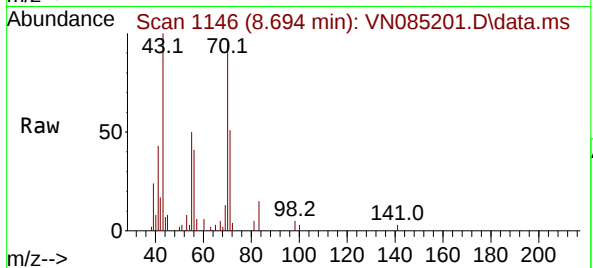
52 2.9 24.8 37.2#



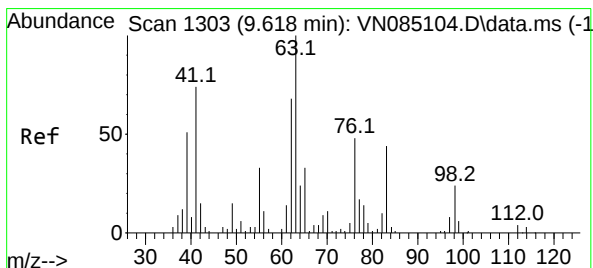
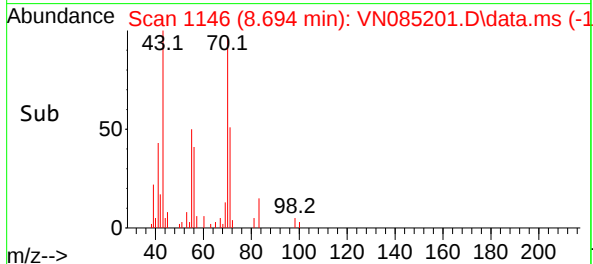
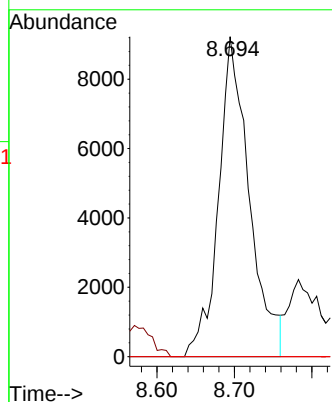


#43
Isopropyl Acetate
Concen: 5.107 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.012 min
Lab File: VN085201.D
Acq: 13 Dec 2024 17:03

Instrument :
MSVOA_N
ClientSampleId :

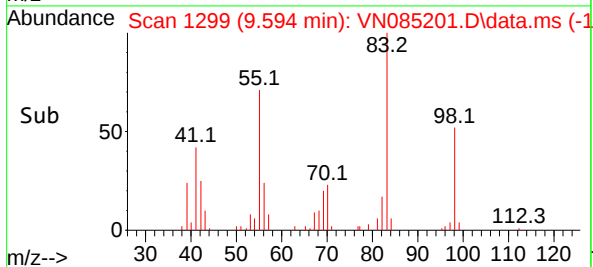
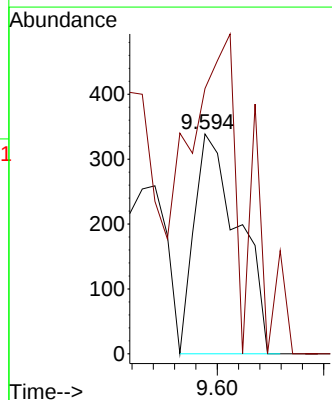
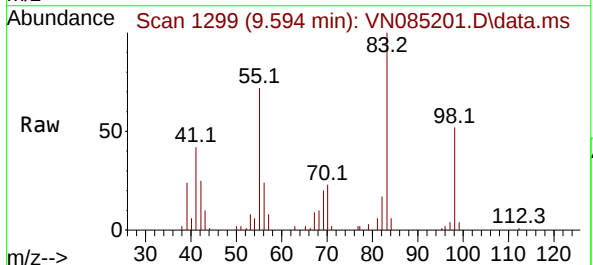


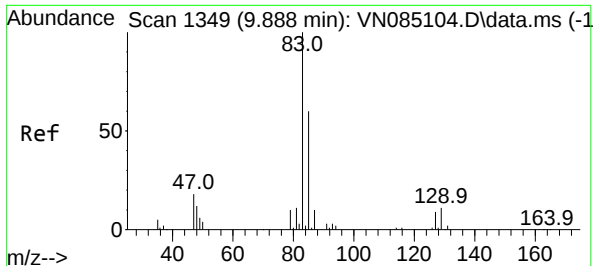
Tgt Ion: 43 Resp: 25467
Ion Ratio Lower Upper
43 100
61 0.0 20.6 30.8#
87 0.0 11.0 16.4#



#45
1,2-Dichloropropane
Concen: 0.238 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. -0.024 min
Lab File: VN085201.D
Acq: 13 Dec 2024 17:03

Tgt Ion: 63 Resp: 490
Ion Ratio Lower Upper
63 100
65 73.7 24.0 36.0#

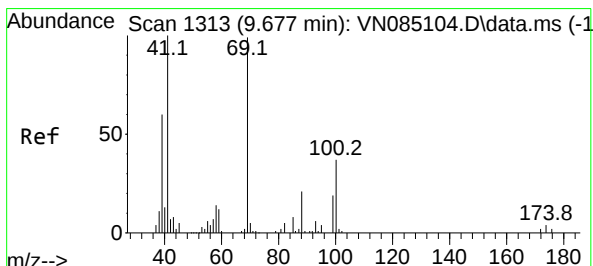
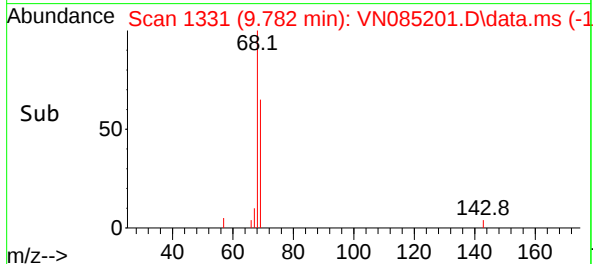
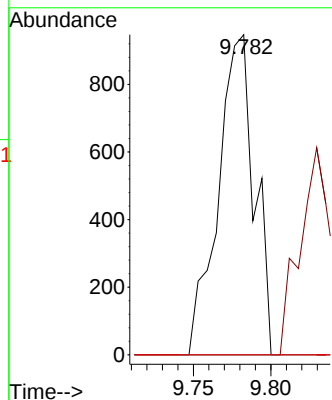
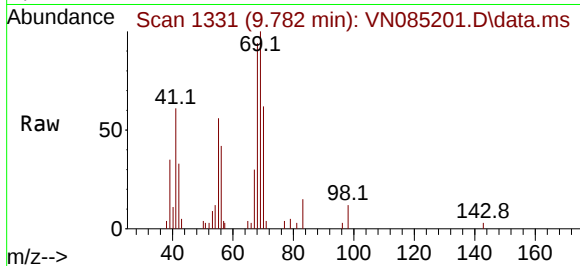




#47
Bromodichloromethane
Concen: 0.508 ug/l
RT: 9.782 min Scan# 11
Delta R.T. -0.100 min
Lab File: VN085201.D
Acq: 13 Dec 2024 17:03

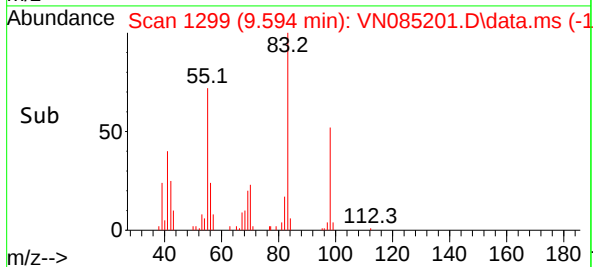
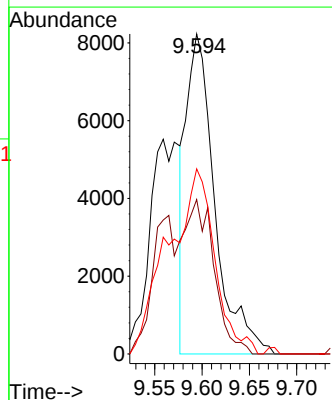
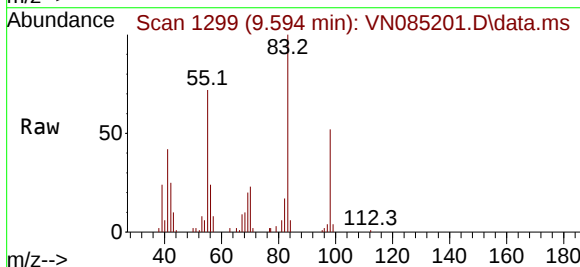
Instrument :
MSVOA_N
ClientSampleId :

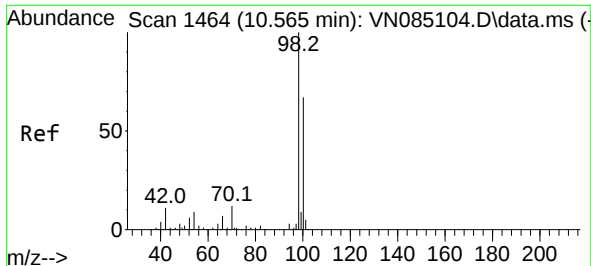
Tgt Ion: 83 Resp: 1539
Ion Ratio Lower Upper
83 100
85 0.0 50.5 75.7#
127 0.0 7.1 10.7#



#48
Methyl methacrylate
Concen: 9.325 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. -0.082 min
Lab File: VN085201.D
Acq: 13 Dec 2024 17:03

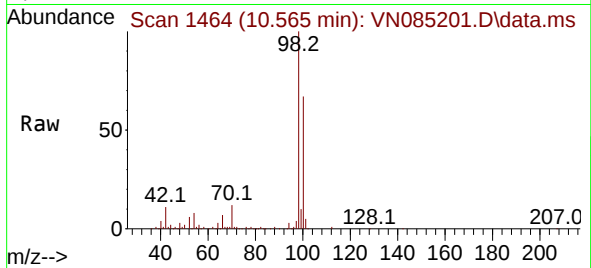
Tgt Ion: 41 Resp: 17302
Ion Ratio Lower Upper
41 100
69 47.8 73.2 109.8#
39 93.7 46.2 69.4#



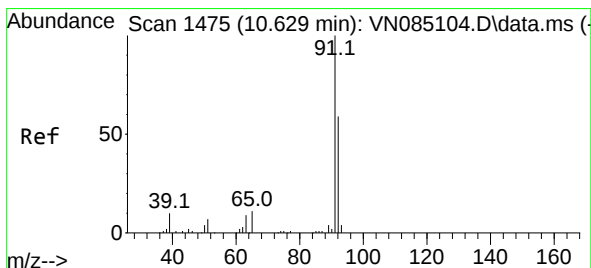
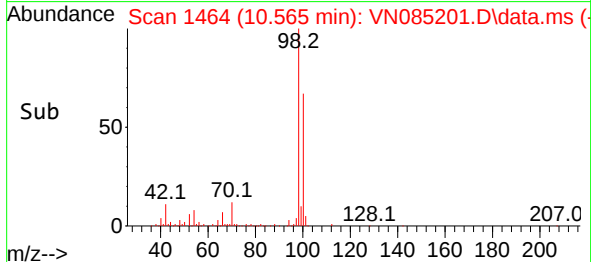
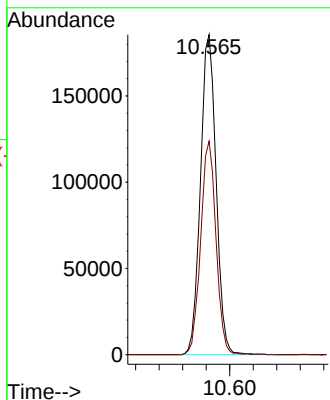


#50
Toluene-d8
Concen: 49.187 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085201.D
Acq: 13 Dec 2024 17:03

Instrument :
MSVOA_N
ClientSampleId :

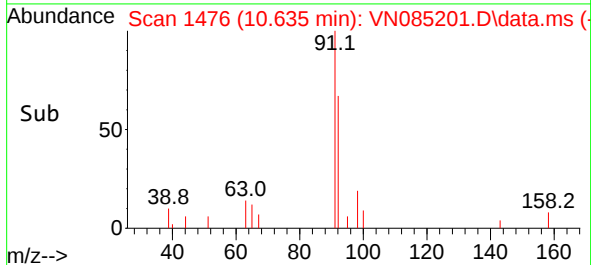
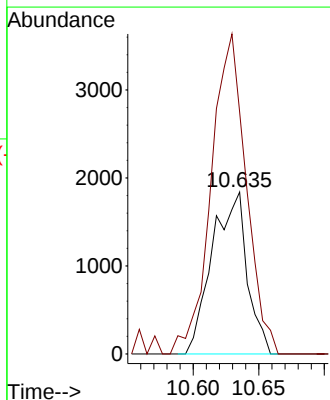
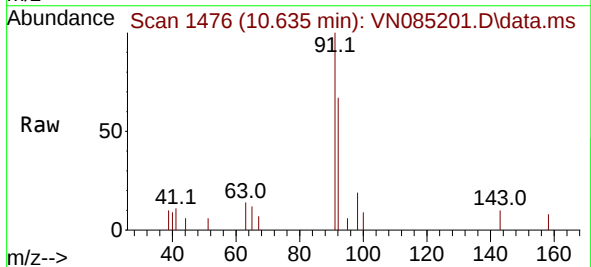


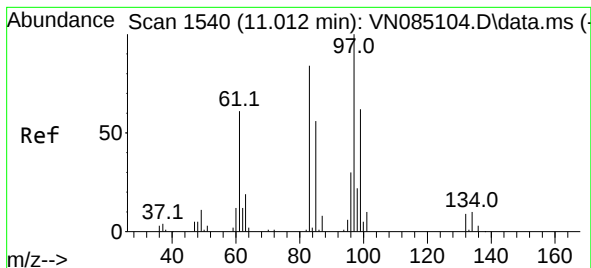
Tgt Ion: 98 Resp: 343635
Ion Ratio Lower Upper
98 100
100 65.4 52.5 78.7



#52
Toluene
Concen: 0.691 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.012 min
Lab File: VN085201.D
Acq: 13 Dec 2024 17:03

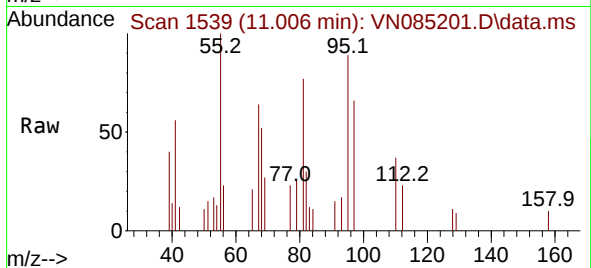
Tgt Ion: 92 Resp: 3417
Ion Ratio Lower Upper
92 100
91 197.3 136.7 205.1



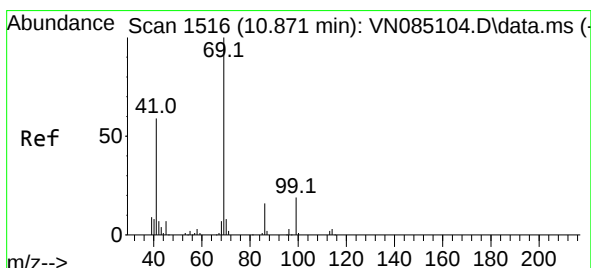
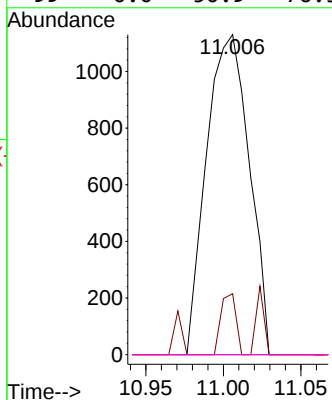
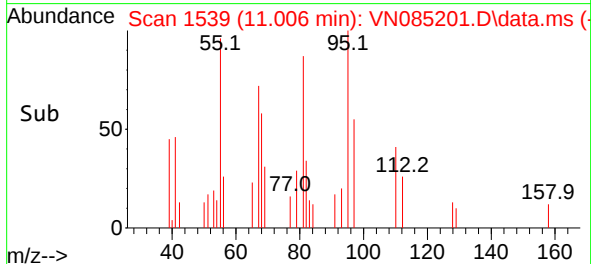


#55
1,1,2-Trichloroethane
Concen: 1.176 ug/l
RT: 11.006 min Scan# 1539
Delta R.T. -0.006 min
Lab File: VN085201.D
Acq: 13 Dec 2024 17:03

Instrument :
MSVOA_N
ClientSampleId :

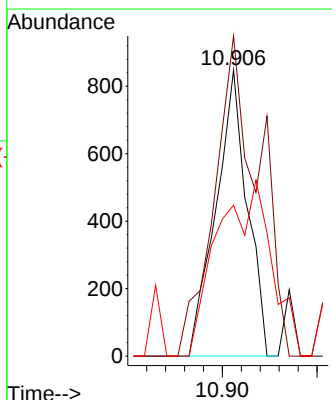
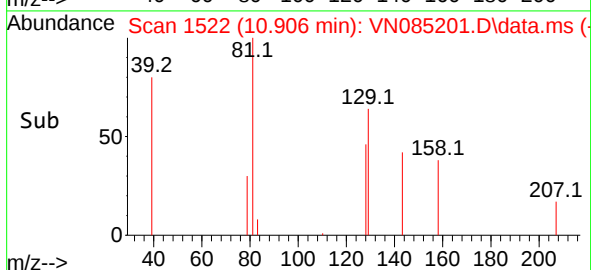
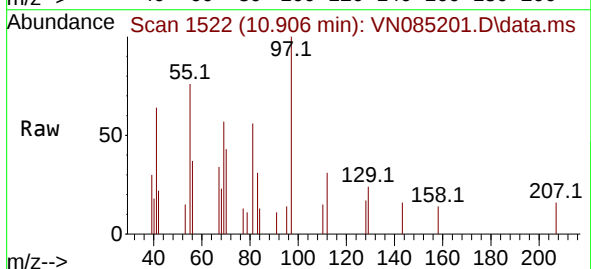


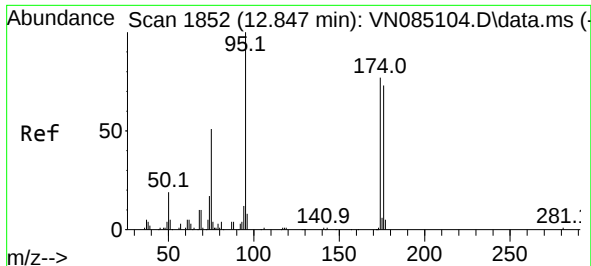
Tgt Ion: 97	Resp: 2166
Ion Ratio	Lower Upper
97	100
83	19.0 67.4 101.2#
85	0.0 43.1 64.7#
99	0.0 50.9 76.3#



#56
Ethyl methacrylate
Concen: 0.361 ug/l
RT: 10.906 min Scan# 1522
Delta R.T. 0.035 min
Lab File: VN085201.D
Acq: 13 Dec 2024 17:03

Tgt Ion: 69	Resp: 972
Ion Ratio	Lower Upper
69	100
41	158.6 50.0 75.0#
39	105.8 27.0 40.6#

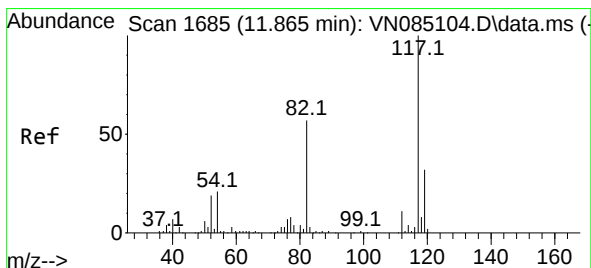
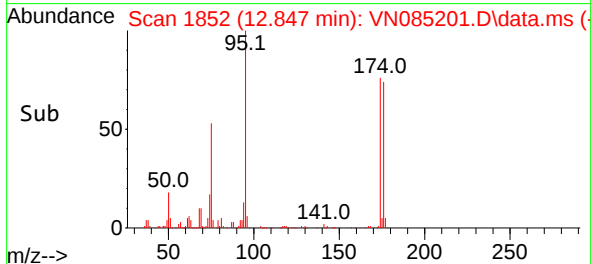
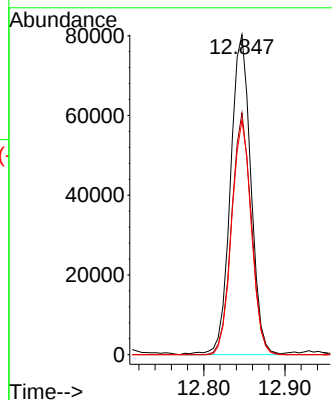
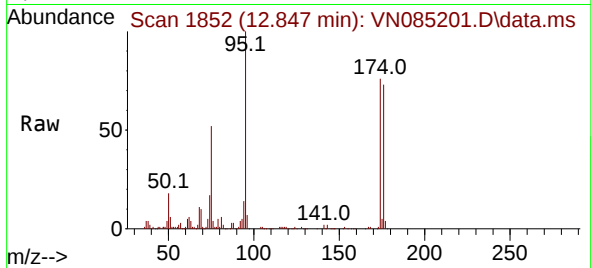




#62
4-Bromofluorobenzene
Concen: 53.467 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085201.D
Acq: 13 Dec 2024 17:03

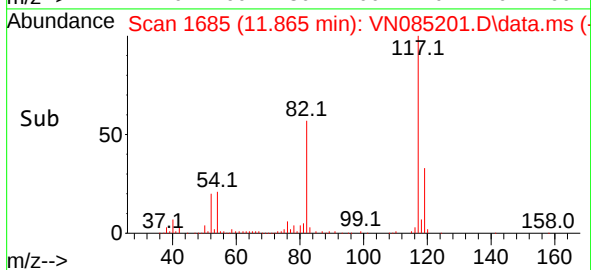
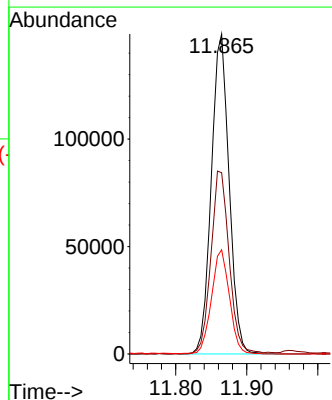
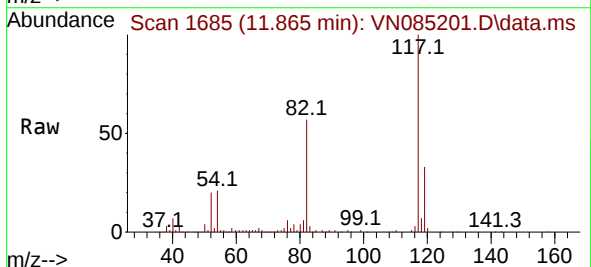
Instrument :
MSVOA_N
ClientSampleId :

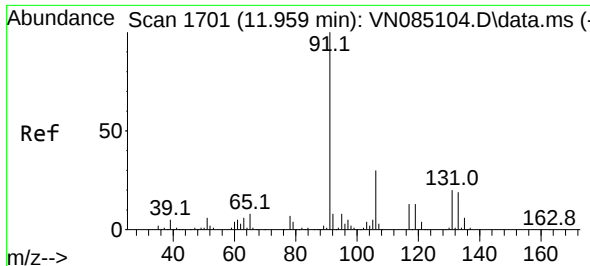
Tgt Ion: 95 Resp: 139692
Ion Ratio Lower Upper
95 100
174 73.1 0.0 146.6
176 70.7 0.0 141.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085201.D
Acq: 13 Dec 2024 17:03

Tgt Ion: 117 Resp: 258775
Ion Ratio Lower Upper
117 100
82 56.7 46.0 69.0
119 32.6 25.6 38.4

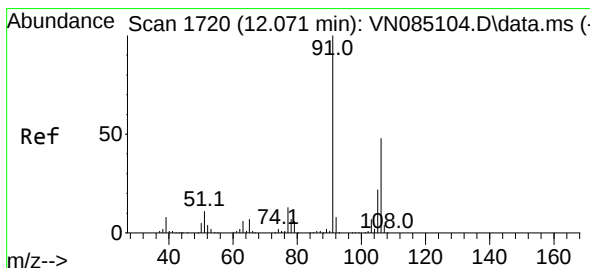
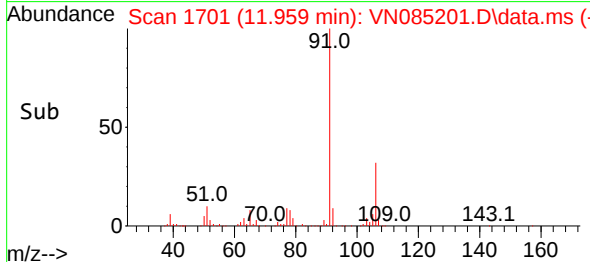
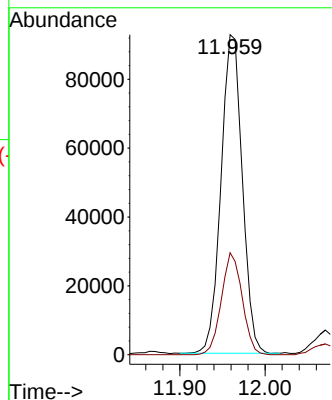
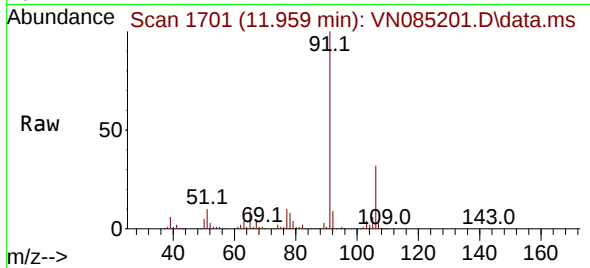




#67
Ethyl Benzene
Concen: 16.866 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085201.D
Acq: 13 Dec 2024 17:03

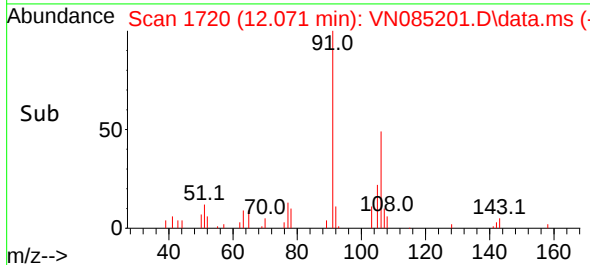
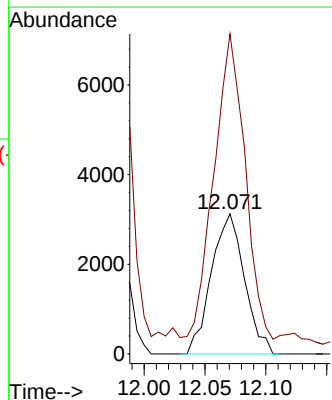
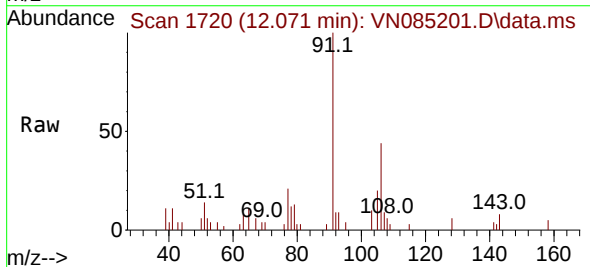
Instrument :
MSVOA_N
ClientSampleId :

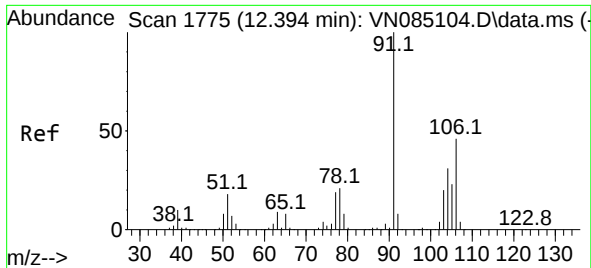
Tgt Ion: 91 Resp: 160588
Ion Ratio Lower Upper
91 100
106 32.0 24.7 37.1



#68
m/p-Xylenes
Concen: 1.630 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN085201.D
Acq: 13 Dec 2024 17:03

Tgt Ion:106 Resp: 5910
Ion Ratio Lower Upper
106 100
91 201.2 168.0 252.0

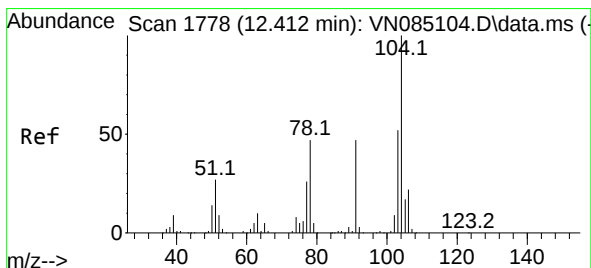
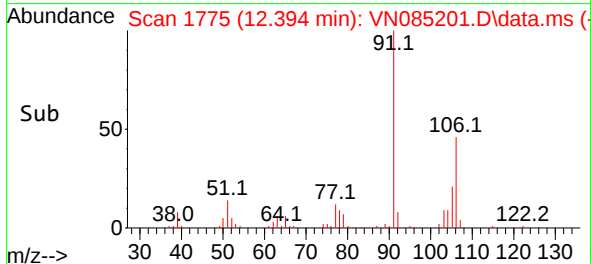
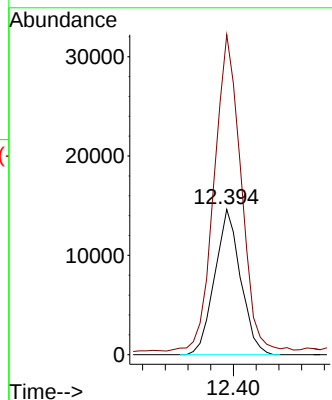
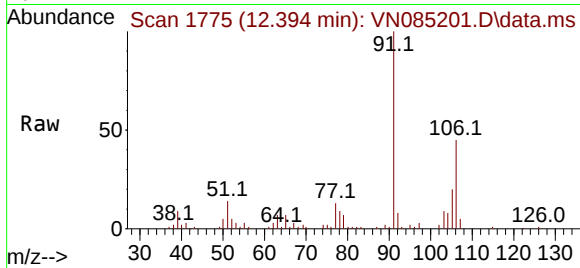




#69
o-Xylene
Concen: 6.712 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN085201.D
Acq: 13 Dec 2024 17:03

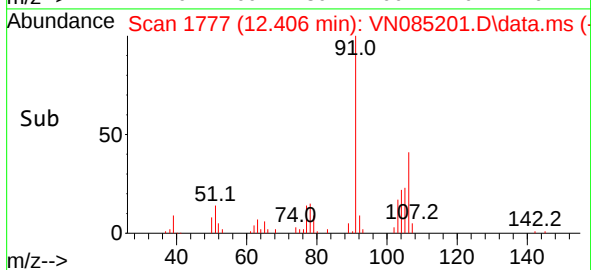
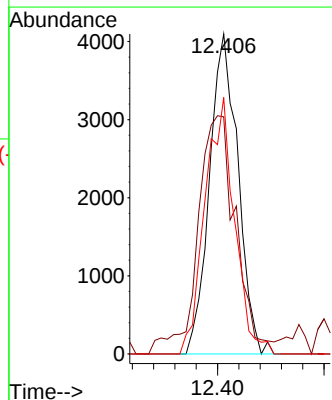
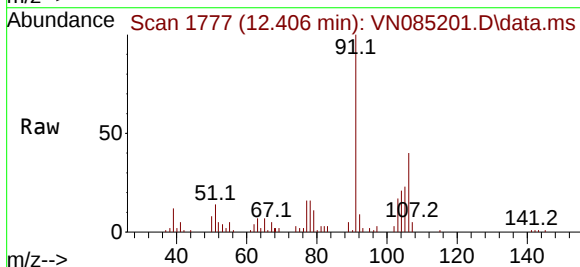
Instrument :
MSVOA_N
ClientSampleId :

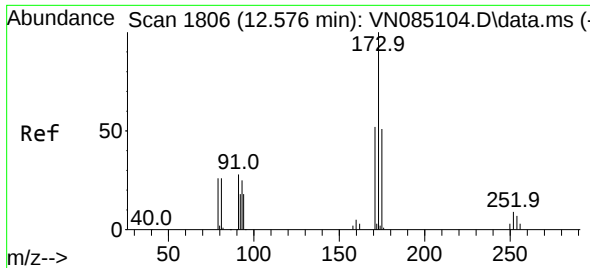
Tgt Ion:106 Resp: 23143
Ion Ratio Lower Upper
106 100
91 239.1 110.7 331.9



#70
Styrene
Concen: 1.326 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN085201.D
Acq: 13 Dec 2024 17:03

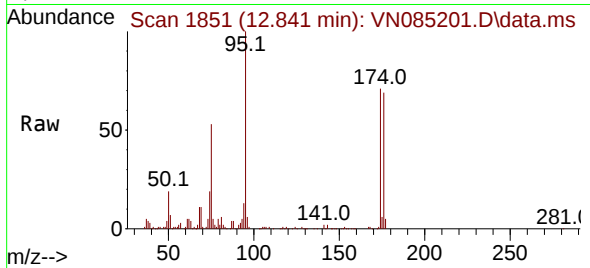
Tgt Ion:104 Resp: 7606
Ion Ratio Lower Upper
104 100
78 99.4 42.3 63.5#
103 83.3 44.2 66.2#



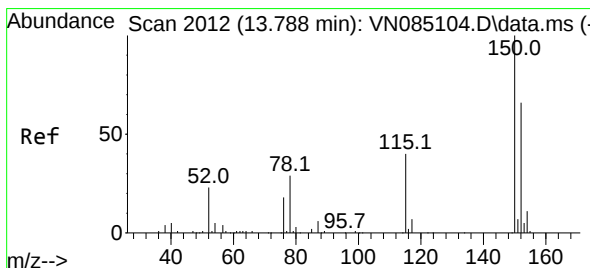
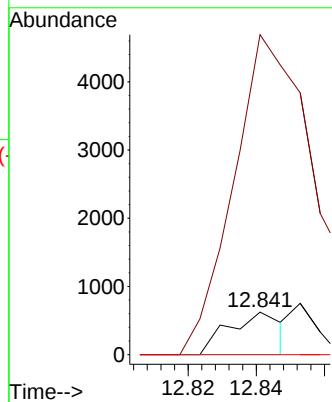
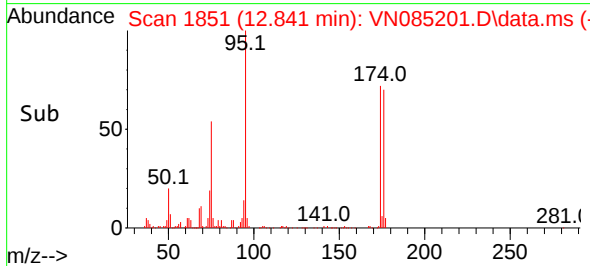


#71
Bromoform
Concen: 0.438 ug/l
RT: 12.841 min Scan# 1806
Delta R.T. 0.265 min
Lab File: VN085201.D
Acq: 13 Dec 2024 17:03

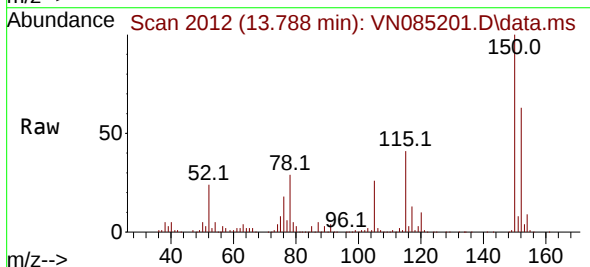
Instrument :
MSVOA_N
ClientSampleId :



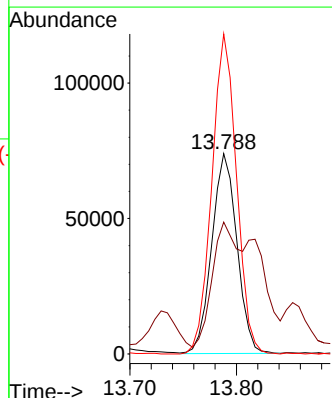
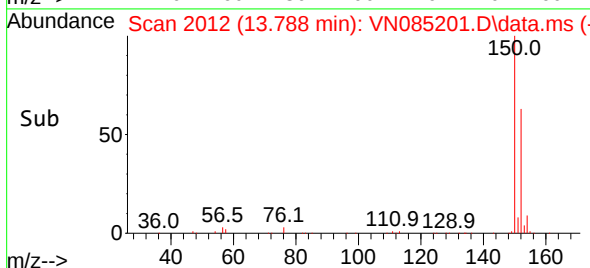
Tgt Ion:173 Resp: 672
Ion Ratio Lower Upper
173 100
175 937.9 23.8 71.2#
254 0.0 0.0 0.0

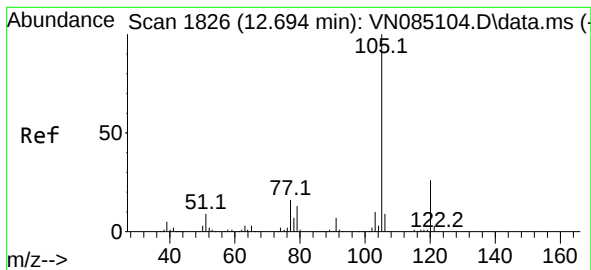


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085201.D
Acq: 13 Dec 2024 17:03



Tgt Ion:152 Resp: 120700
Ion Ratio Lower Upper
152 100
115 68.6 31.7 95.1
150 157.2 0.0 351.4





#73

Isopropylbenzene

Concen: 96.548 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN085201.D

Acq: 13 Dec 2024 17:03

Instrument :

MSVOA_N

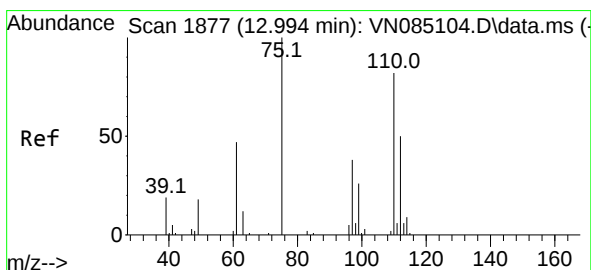
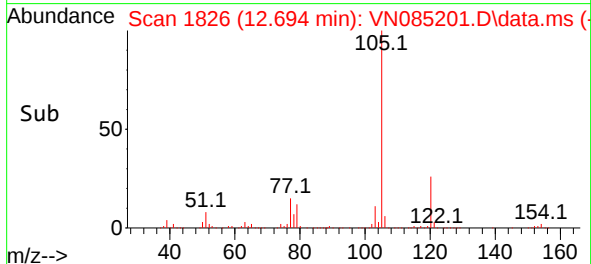
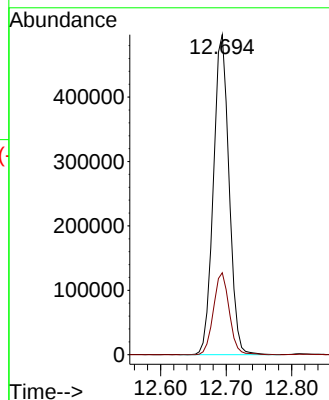
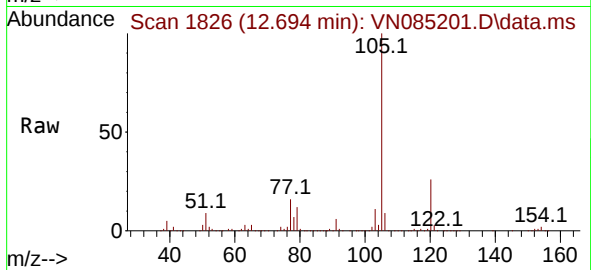
ClientSampleId :

Tgt Ion:105 Resp: 822104

Ion Ratio Lower Upper

105 100

120 25.9 13.0 39.0



#76

1,2,3-Trichloropropane

Concen: 2.696 ug/l

RT: 13.029 min Scan# 1883

Delta R.T. 0.035 min

Lab File: VN085201.D

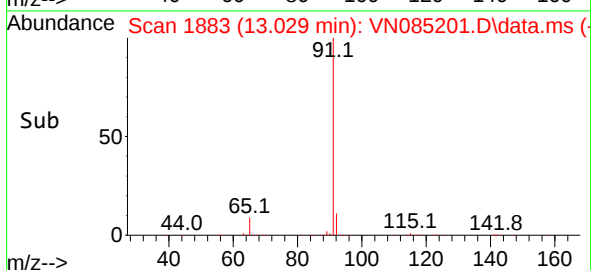
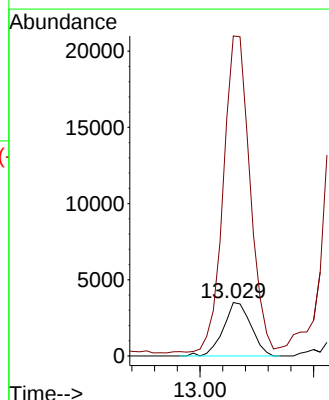
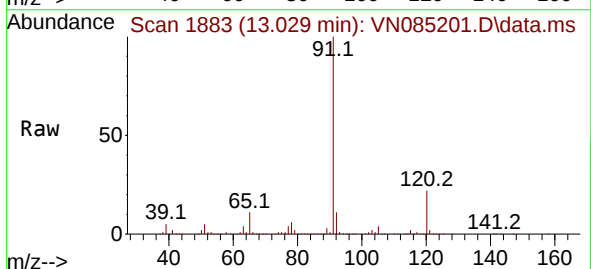
Acq: 13 Dec 2024 17:03

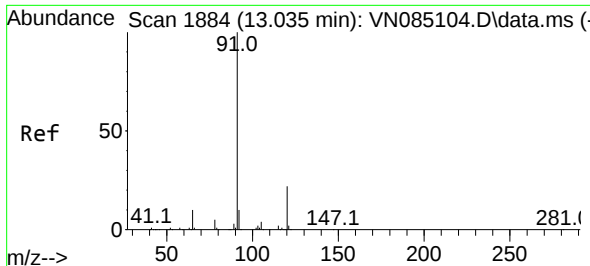
Tgt Ion: 75 Resp: 5920

Ion Ratio Lower Upper

75 100

77 575.7 109.1 327.4#

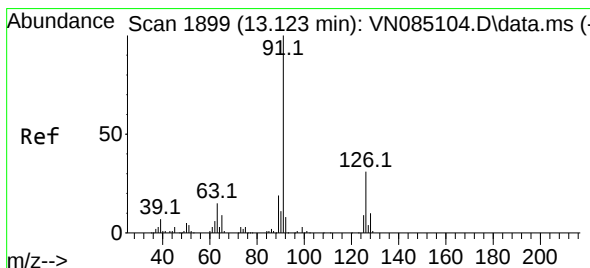
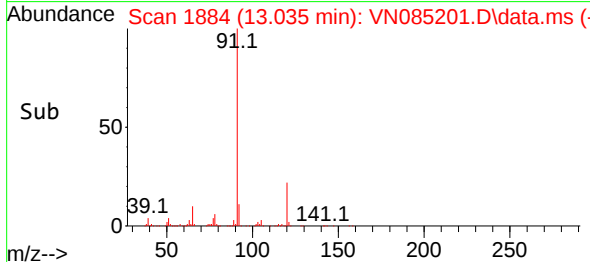
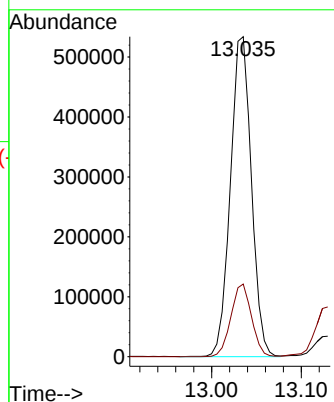
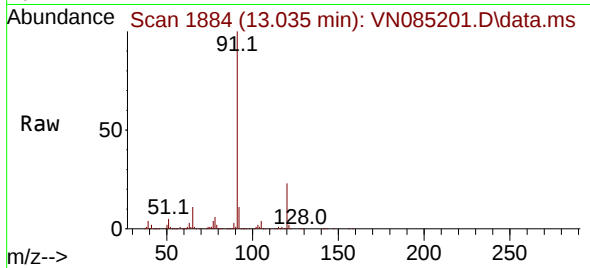




#78
n-propylbenzene
Concen: 88.350 ug/l
RT: 13.035 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085201.D
Acq: 13 Dec 2024 17:03

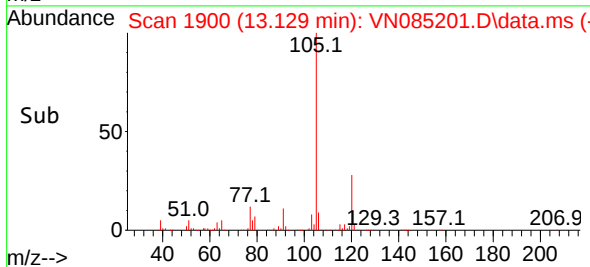
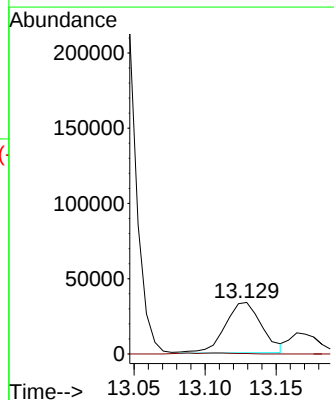
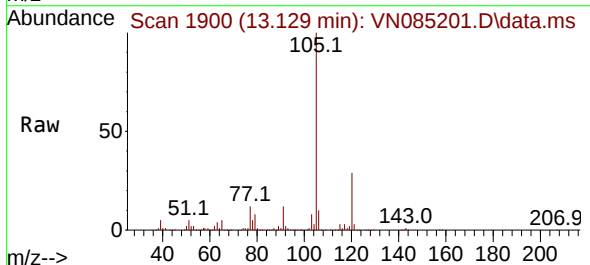
Instrument :
MSVOA_N
ClientSampleId :

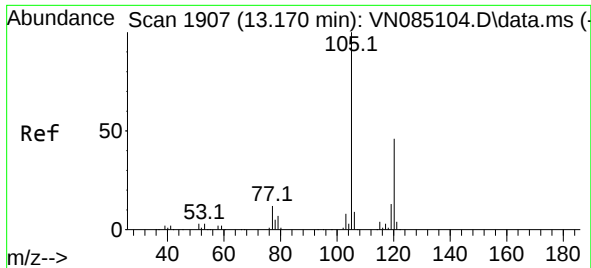
Tgt Ion: 91 Resp: 867703
Ion Ratio Lower Upper
91 100
120 22.3 11.3 33.9



#79
2-Chlorotoluene
Concen: 9.170 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.006 min
Lab File: VN085201.D
Acq: 13 Dec 2024 17:03

Tgt Ion: 91 Resp: 60118
Ion Ratio Lower Upper
91 100
126 1.4 16.1 48.3#

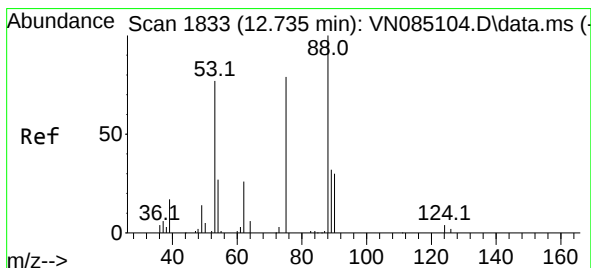
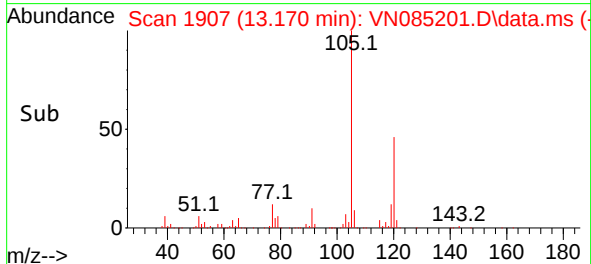
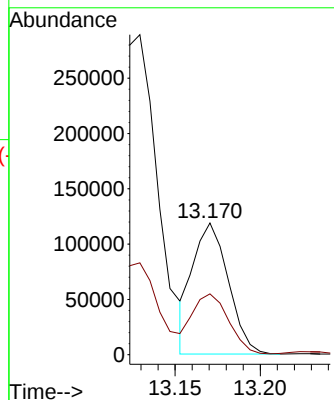
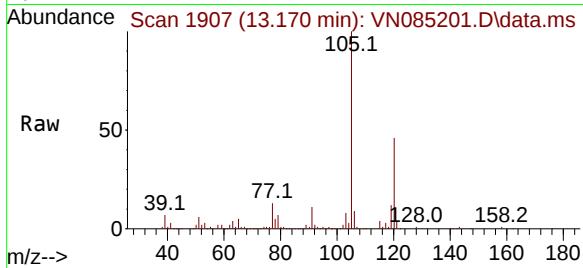




#80
1,3,5-Trimethylbenzene
Concen: 24.092 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN085201.D
Acq: 13 Dec 2024 17:03

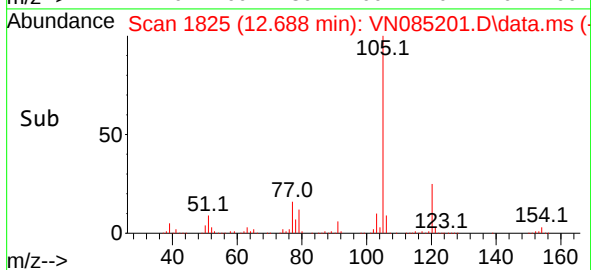
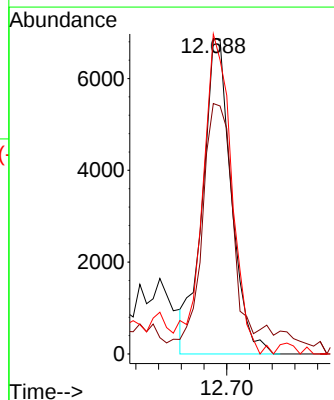
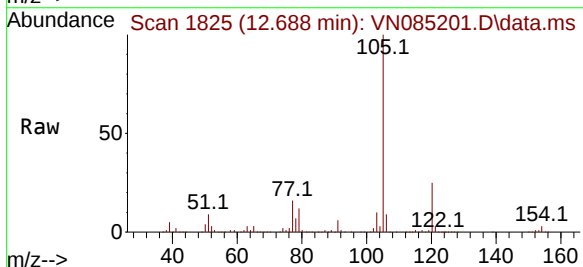
Instrument :
MSVOA_N
ClientSampleId :

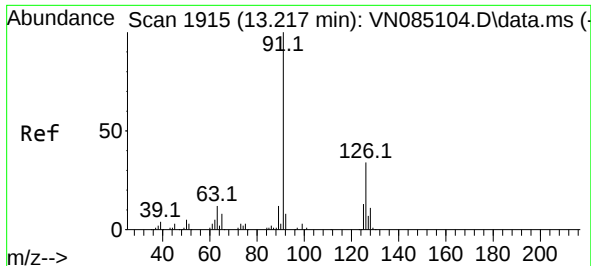
Tgt Ion:105 Resp: 172140
Ion Ratio Lower Upper
105 100
120 46.6 23.6 71.0



#81
trans-1,4-Dichloro-2-butene
Concen: 12.154 ug/l
RT: 12.688 min Scan# 1825
Delta R.T. -0.047 min
Lab File: VN085201.D
Acq: 13 Dec 2024 17:03

Tgt Ion: 75 Resp: 12087
Ion Ratio Lower Upper
75 100
53 77.9 78.2 117.4#
89 102.6 37.9 56.9#

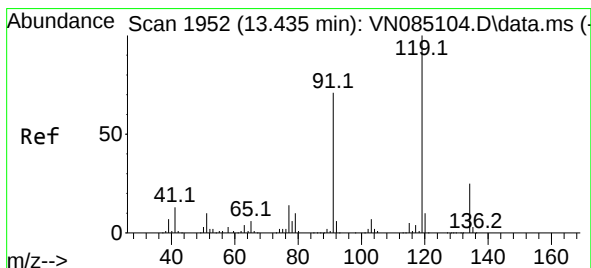
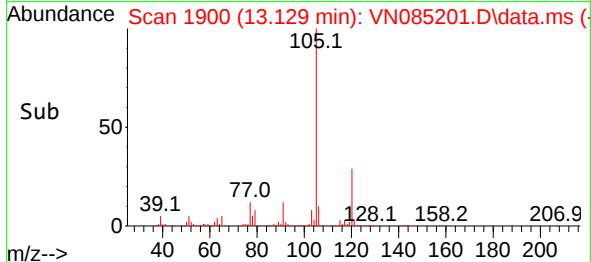
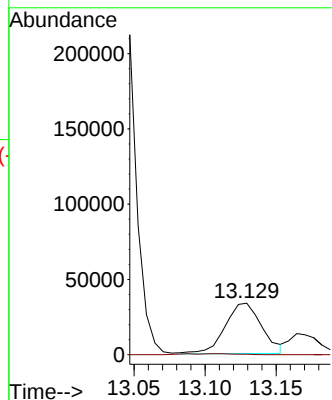
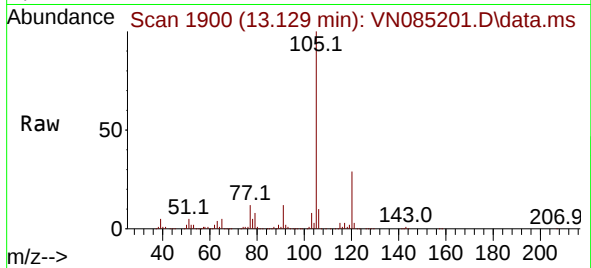




#82
4-Chlorotoluene
Concen: 8.808 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.088 min
Lab File: VN085201.D
Acq: 13 Dec 2024 17:03

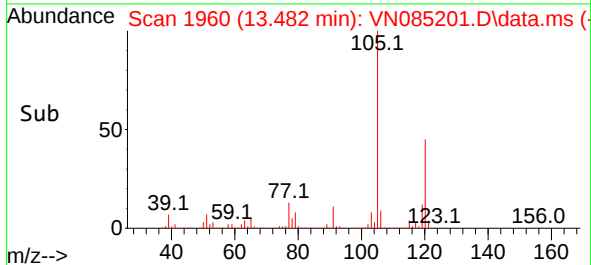
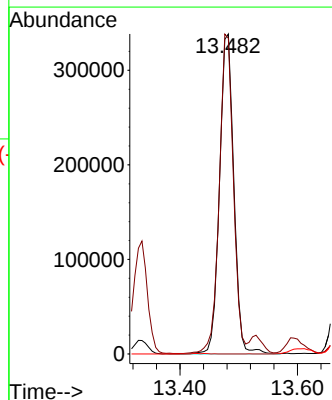
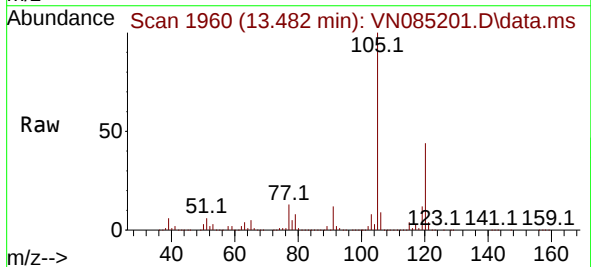
Instrument :
MSVOA_N
ClientSampleId :

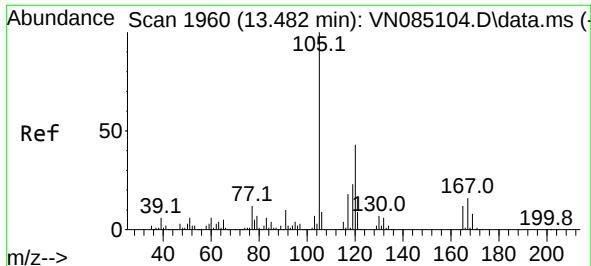
Tgt Ion: 91 Resp: 60118
Ion Ratio Lower Upper
91 100
126 1.4 16.1 48.3#



#83
tert-Butylbenzene
Concen: 92.957 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.047 min
Lab File: VN085201.D
Acq: 13 Dec 2024 17:03

Tgt Ion: 119 Resp: 571480
Ion Ratio Lower Upper
119 100
91 98.5 35.1 105.5
134 0.0 12.1 36.3#

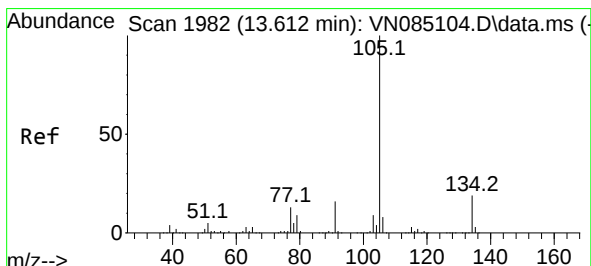
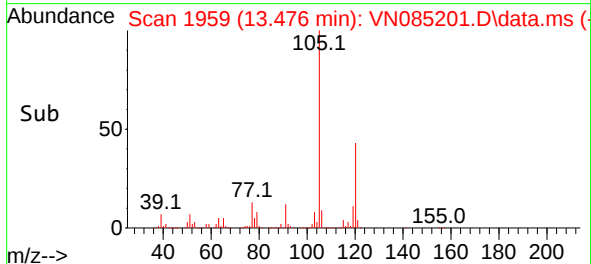
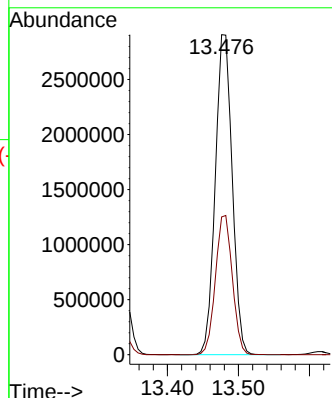
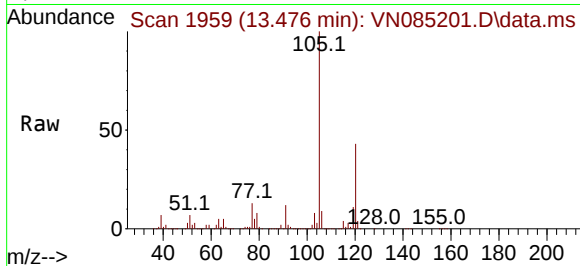




#84
1,2,4-Trimethylbenzene
Concen: 652.863 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VN085201.D
Acq: 13 Dec 2024 17:03

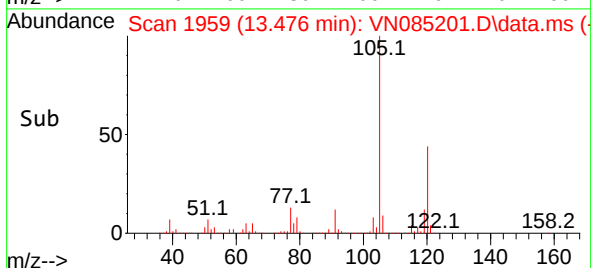
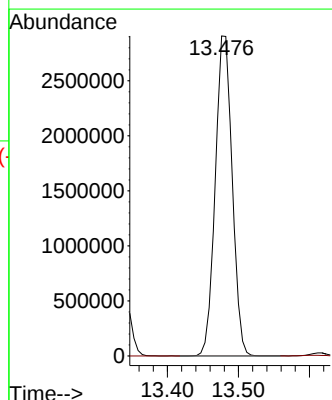
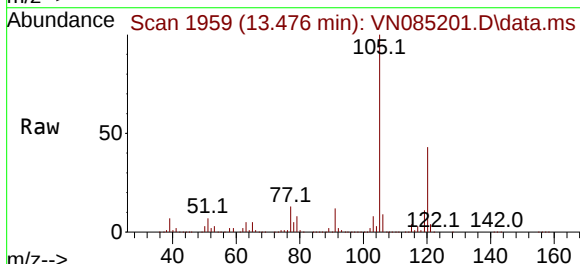
Instrument :
MSVOA_N
ClientSampleId :

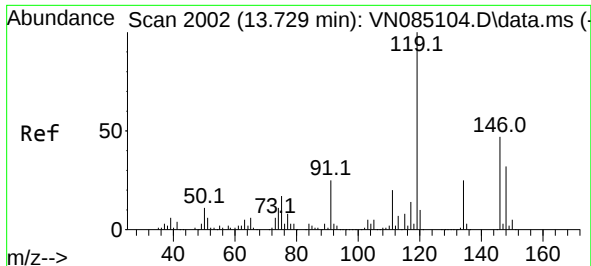
Tgt Ion:105 Resp: 4801738
Ion Ratio Lower Upper
105 100
120 43.5 21.8 65.4



#85
sec-Butylbenzene
Concen: 578.188 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.135 min
Lab File: VN085201.D
Acq: 13 Dec 2024 17:03

Tgt Ion:105 Resp: 4801738
Ion Ratio Lower Upper
105 100
134 0.0 9.8 29.3#

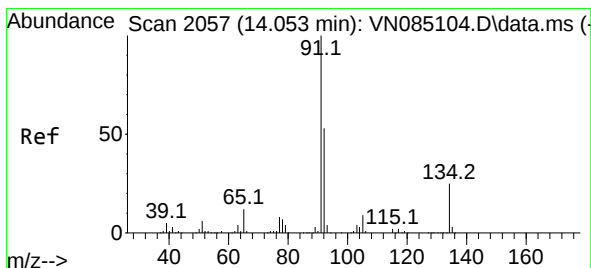
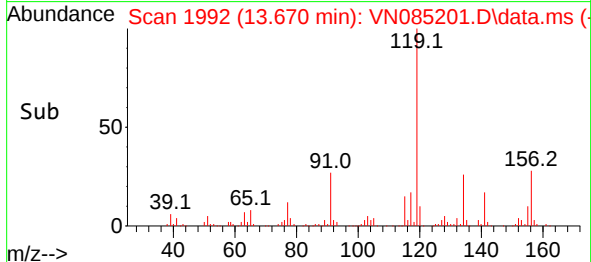
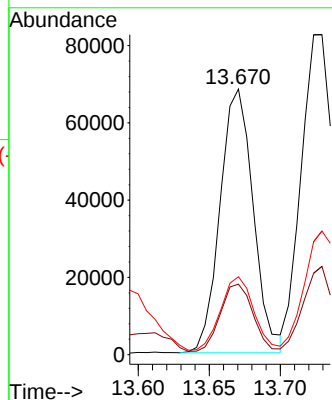
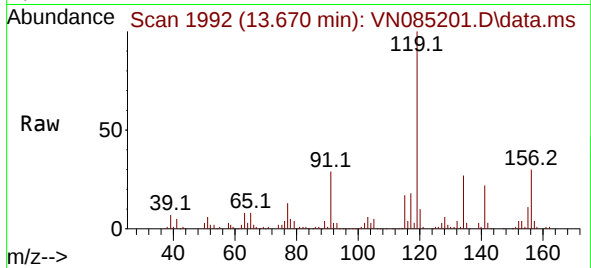




#86
p-Isopropyltoluene
Concen: 16.188 ug/l
RT: 13.670 min Scan# 110977
Delta R.T. -0.053 min
Lab File: VN085201.D
Acq: 13 Dec 2024 17:03

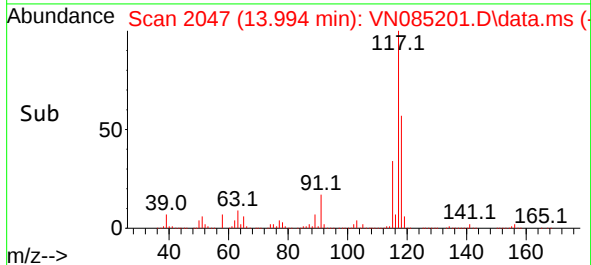
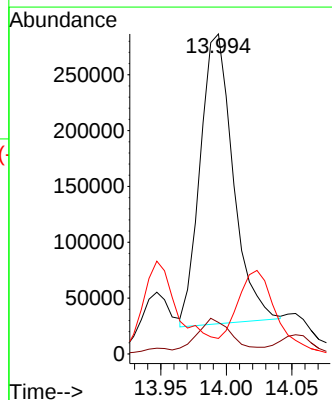
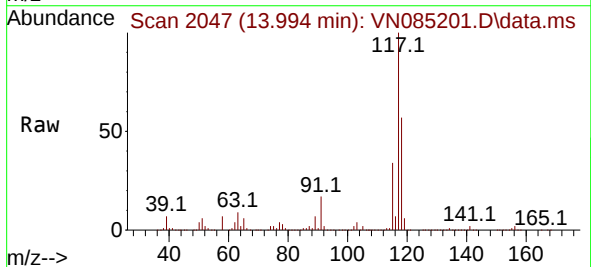
Instrument :
MSVOA_N
ClientSampleId :

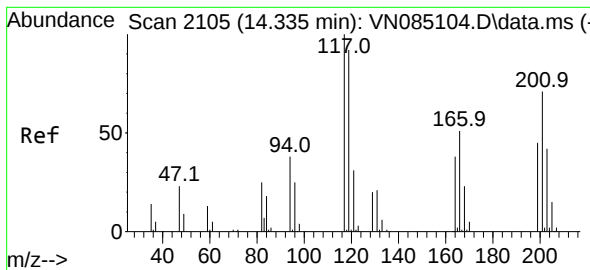
Tgt Ion:119 Resp: 110977
Ion Ratio Lower Upper
119 100
134 27.5 13.0 39.0
91 27.5 12.8 38.4



#89
n-Butylbenzene
Concen: 71.233 ug/l
RT: 13.994 min Scan# 2047
Delta R.T. -0.059 min
Lab File: VN085201.D
Acq: 13 Dec 2024 17:03

Tgt Ion: 91 Resp: 454144
Ion Ratio Lower Upper
91 100
92 11.1 26.8 80.3#
134 0.0 12.8 38.4#





#90

Hexachloroethane

Concen: 65.106 ug/l

RT: 14.323 min Scan# 2103

Delta R.T. -0.006 min

Lab File: VN085201.D

Acq: 13 Dec 2024 17:03

Instrument :

MSVOA_N

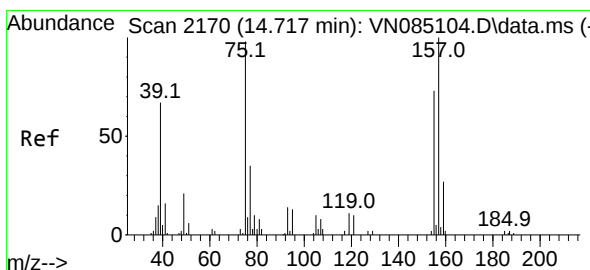
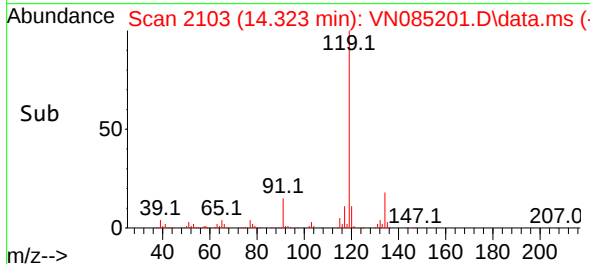
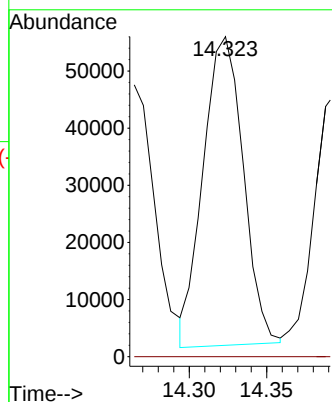
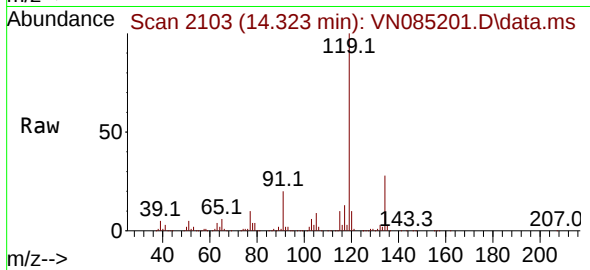
ClientSampleId :

Tgt Ion:117 Resp: 97291

Ion Ratio Lower Upper

117 100

201 0.0 35.2 105.6#



#92

1,2-Dibromo-3-Chloropropane

Concen: 2.325 ug/l

RT: 14.735 min Scan# 2173

Delta R.T. 0.018 min

Lab File: VN085201.D

Acq: 13 Dec 2024 17:03

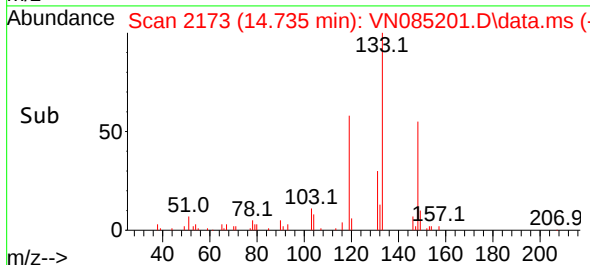
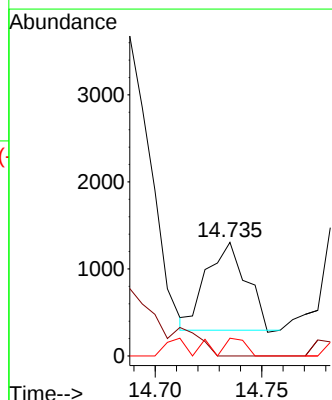
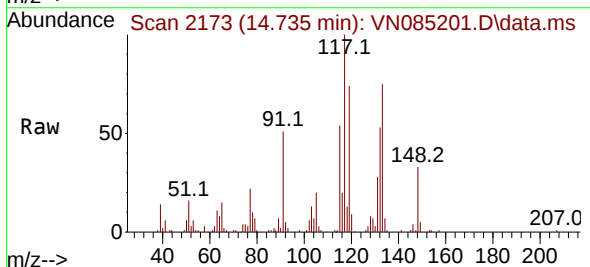
Tgt Ion: 75 Resp: 1307

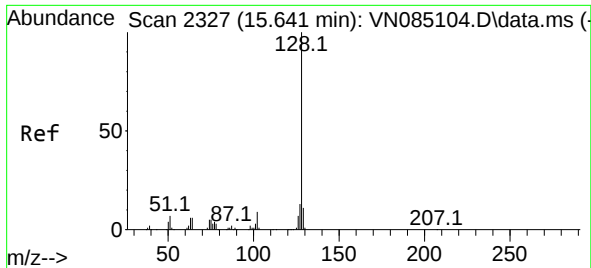
Ion Ratio Lower Upper

75 100

155 0.0 38.9 116.7#

157 15.5 48.3 144.9#





#95

Naphthalene

Concen: 2889.417 ug/l

RT: 15.635 min Scan# 21

Delta R.T. -0.006 min

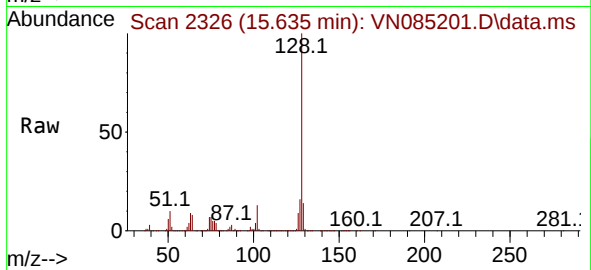
Lab File: VN085201.D

Acq: 13 Dec 2024 17:03

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:128 Resp:19362960

Ion Ratio Lower Upper

128 100

127 14.6 10.6 16.0

129 12.3 8.6 12.8

