

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031125\
 Data File : VN085950.D
 Acq On : 11 Mar 2025 22:41
 Operator : JC\MD
 Sample : Q1514-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 12 01:32:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:43:32 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	158843	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	304534	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	277310	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	132575	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	121127	58.818	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 117.640%	
35) Dibromofluoromethane	8.165	113	81889	41.094	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 82.180%	
50) Toluene-d8	10.565	98	351447	48.474	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 96.940%	
62) 4-Bromofluorobenzene	12.847	95	131130	54.895	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 109.780%	

Target Compounds					Qvalue	
11) Tert butyl alcohol	5.518	59	667	2.633	ug/l #	72
16) Acetone	4.424	43	79751	122.390	ug/l	96
17) Carbon Disulfide	4.712	76	1051	0.204	ug/l #	75
18) Methyl Acetate	5.030	43	8102	3.615	ug/l	93
20) Methylene Chloride	5.277	84	7214	3.443	ug/l	84
25) 2-Butanone	7.500	43	4329	4.516	ug/l	95
29) Tetrahydrofuran	7.847	42	291	0.470	ug/l #	29
31) Cyclohexane	8.224	56	4197	1.427	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	13155	4.664	ug/l #	51
37) Ethyl Acetate	7.500	43	4329	1.865	ug/l #	66
38) Carbon Tetrachloride	8.224	117	16798	5.013	ug/l #	17
39) Methylcyclohexane	9.600	83	1363	0.492	ug/l #	92
40) Benzene	8.606	78	111463	12.331	ug/l	99
42) 1,2-Dichloroethane	8.606	62	956	0.325	ug/l #	73
43) Isopropyl Acetate	8.665	43	8492	1.556	ug/l #	53
48) Methyl methacrylate	9.659	41	1285	0.746	ug/l #	35
51) 4-Methyl-2-Pentanone	10.441	43	2785	1.245	ug/l #	85
52) Toluene	10.629	92	1608	0.303	ug/l	86
56) Ethyl methacrylate	10.735	69	149	0.515	ug/l #	36
59) 2-Hexanone	11.165	43	26914	17.484	ug/l #	21
67) Ethyl Benzene	11.959	91	155826	15.659	ug/l	97
68) m/p-Xylenes	12.065	106	11259	2.979	ug/l	97
69) o-Xylene	12.394	106	9977	2.778	ug/l	97
70) Styrene	12.400	104	1272	0.792	ug/l #	1
73) Isopropylbenzene	12.694	105	51020	5.617	ug/l	99
76) 1,2,3-Trichloropropane	12.847	75	66907	22.719	ug/l #	1
78) n-propylbenzene	13.035	91	36974	3.555	ug/l	97
79) 2-Chlorotoluene	13.129	91	2846	0.410	ug/l #	42
80) 1,3,5-Trimethylbenzene	13.170	105	15272	2.064	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.847	75	66907	66.289	ug/l #	13
82) 4-Chlorotoluene	13.164	91	1998	0.290	ug/l #	42
83) tert-Butylbenzene	13.482	119	11663	1.875	ug/l #	46
84) 1,2,4-Trimethylbenzene	13.482	105	77617	10.603	ug/l	100
85) sec-Butylbenzene	13.611	105	3089	0.351	ug/l	86
86) p-Isopropyltoluene	13.729	119	3850	1.137	ug/l #	75
89) n-Butylbenzene	13.994	91	206259	33.048	ug/l #	42

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Quant Title : SW846 8260
QLast Update : Wed Feb 19 03:43:32 2025
Response via : Initial Calibration

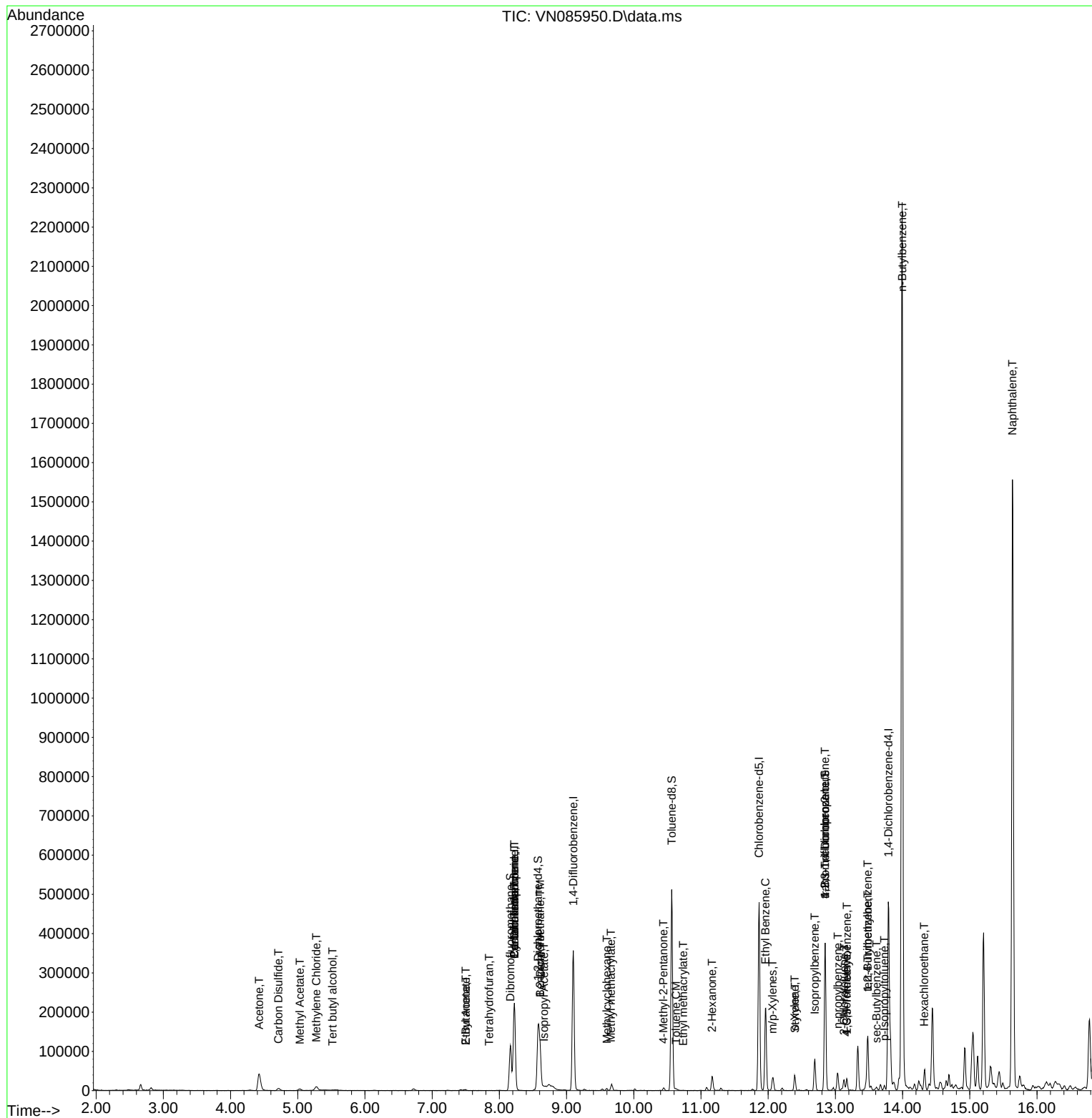
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	14.323	117	4421	2.656	ug/l	# 14
95) Naphthalene	15.635	128	1410441	243.874	ug/l	100

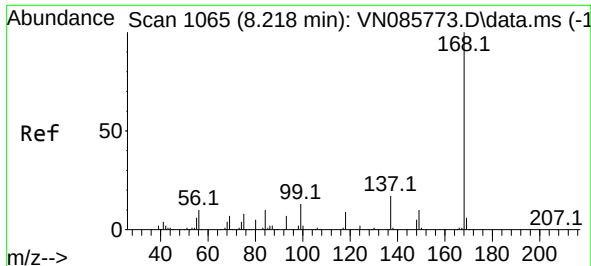
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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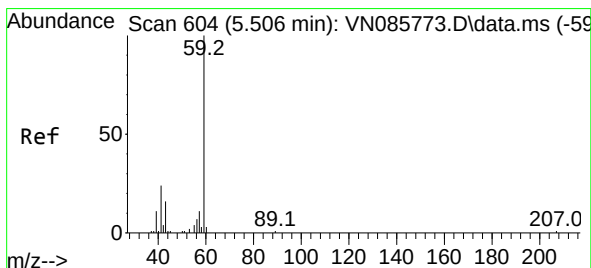
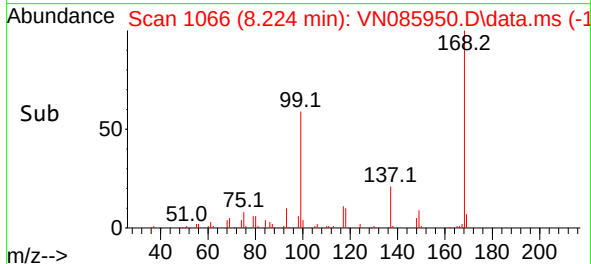
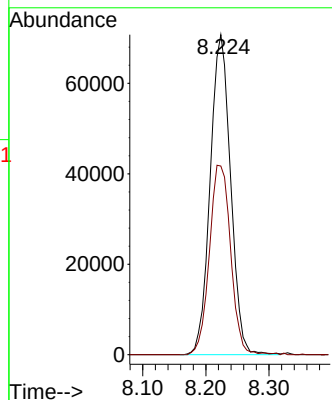
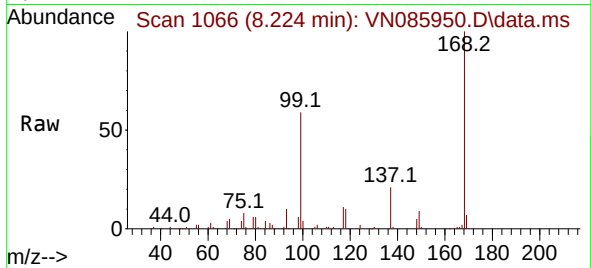




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085950.D
Acq: 11 Mar 2025 22:41

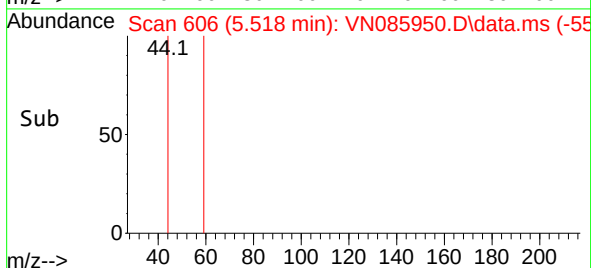
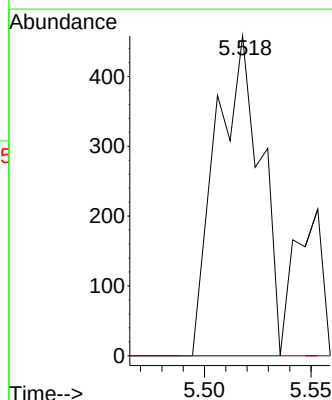
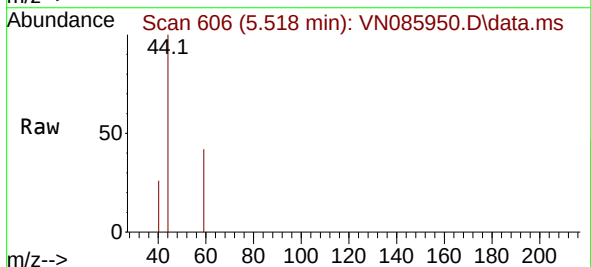
Instrument :
MSVOA_N
ClientSampleId :

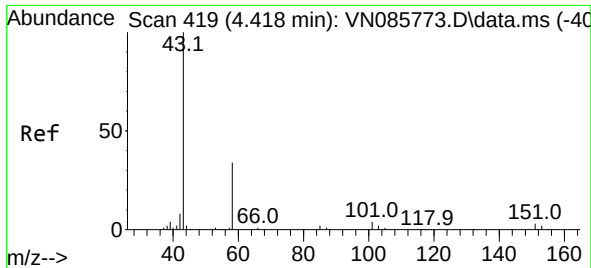
Tgt Ion:168 Resp: 158843
Ion Ratio Lower Upper
168 100
99 58.9 47.9 71.9



#11
Tert butyl alcohol
Concen: 2.633 ug/l
RT: 5.518 min Scan# 606
Delta R.T. 0.012 min
Lab File: VN085950.D
Acq: 11 Mar 2025 22:41

Tgt Ion: 59 Resp: 667
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

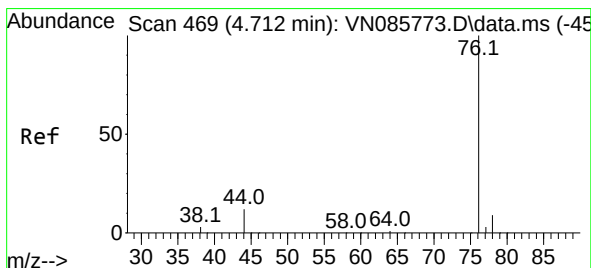
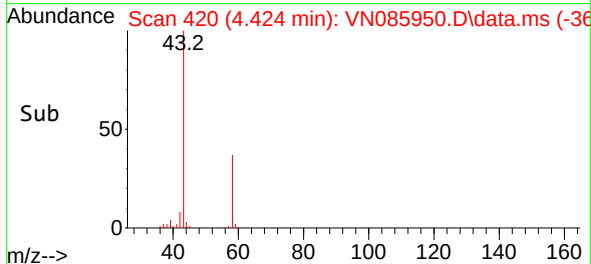
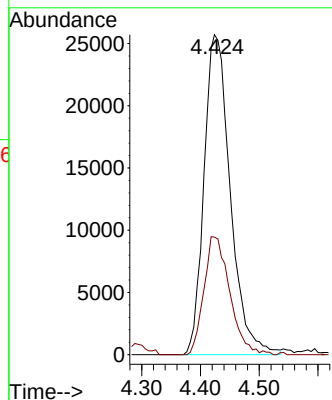
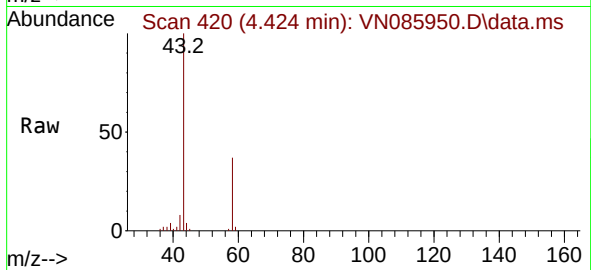




#16
Acetone
Concen: 122.390 ug/l
RT: 4.424 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN085950.D
Acq: 11 Mar 2025 22:41

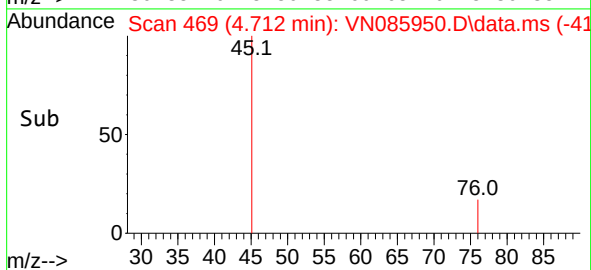
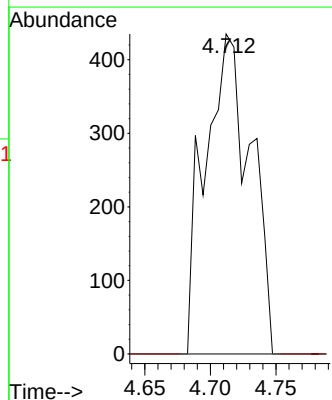
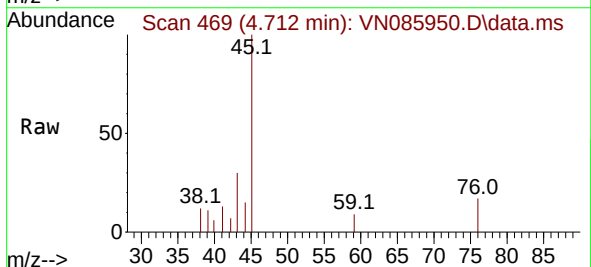
Instrument :
MSVOA_N
ClientSampleId :

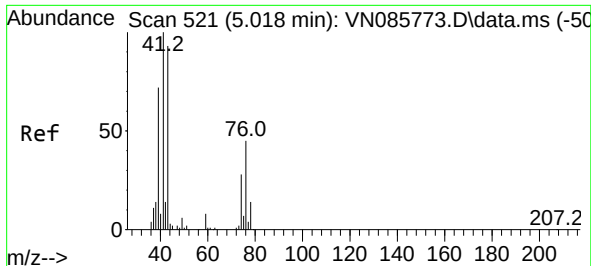
Tgt Ion: 43 Resp: 79751
Ion Ratio Lower Upper
43 100
58 36.8 27.5 41.3



#17
Carbon Disulfide
Concen: 0.204 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN085950.D
Acq: 11 Mar 2025 22:41

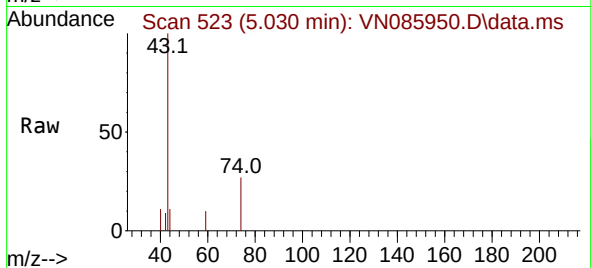
Tgt Ion: 76 Resp: 1051
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



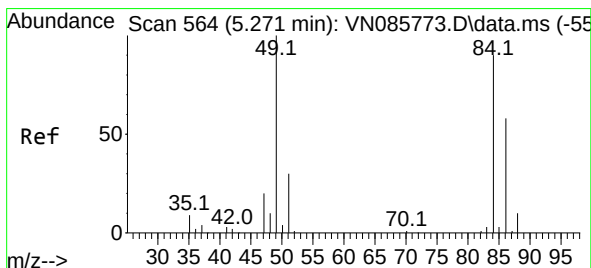
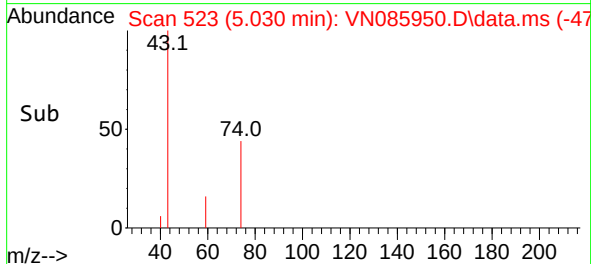
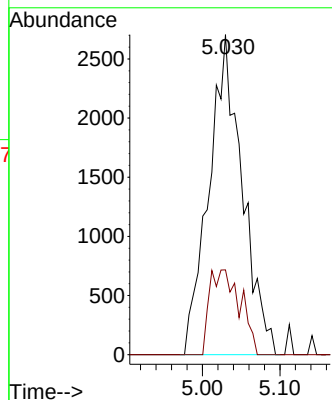


#18
Methyl Acetate
Concen: 3.615 ug/l
RT: 5.030 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN085950.D
Acq: 11 Mar 2025 22:41

Instrument :
MSVOA_N
ClientSampleId :

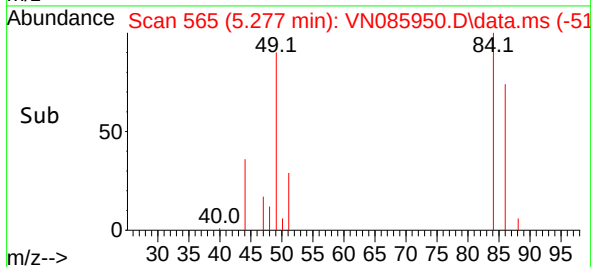
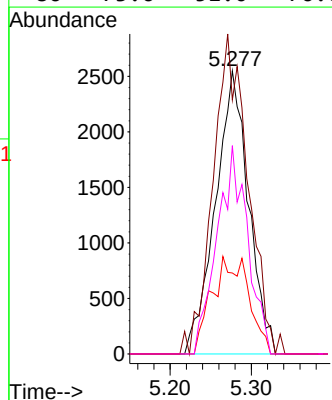
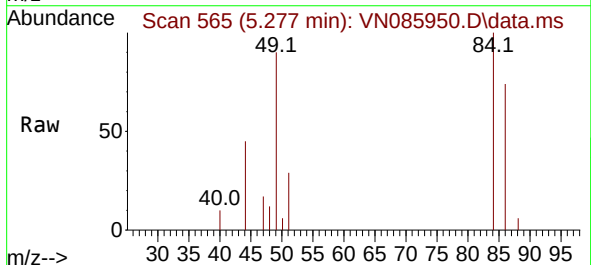


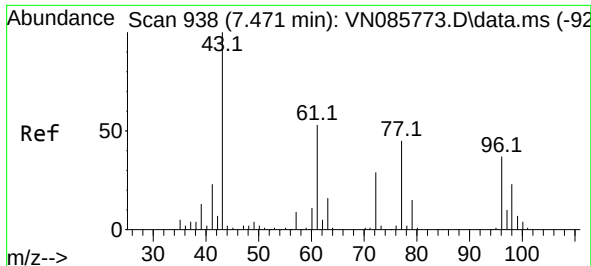
Tgt Ion: 43 Resp: 8102
Ion Ratio Lower Upper
43 100
74 24.2 22.2 33.4



#20
Methylene Chloride
Concen: 3.443 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN085950.D
Acq: 11 Mar 2025 22:41

Tgt Ion: 84 Resp: 7214
Ion Ratio Lower Upper
84 100
49 89.8 88.4 132.6
51 28.6 26.6 40.0
86 73.6 51.0 76.6





#25

2-Butanone

Concen: 4.516 ug/l

RT: 7.500 min Scan# 943

Delta R.T. 0.029 min

Lab File: VN085950.D

Acq: 11 Mar 2025 22:41

Instrument :

MSVOA_N

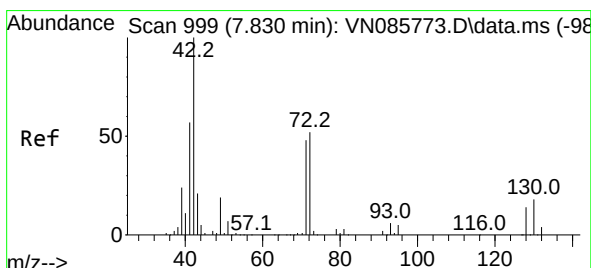
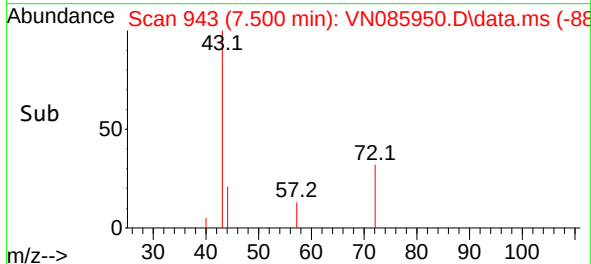
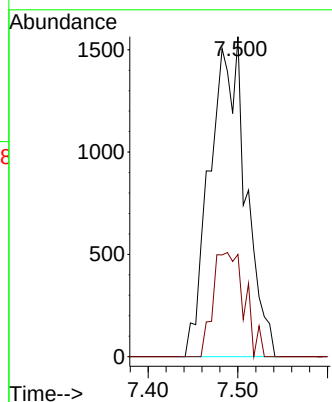
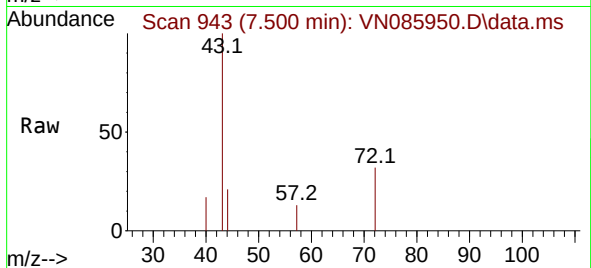
ClientSampleId :

Tgt Ion: 43 Resp: 4329

Ion Ratio Lower Upper

43 100

72 32.0 23.6 35.4



#29

Tetrahydrofuran

Concen: 0.470 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.017 min

Lab File: VN085950.D

Acq: 11 Mar 2025 22:41

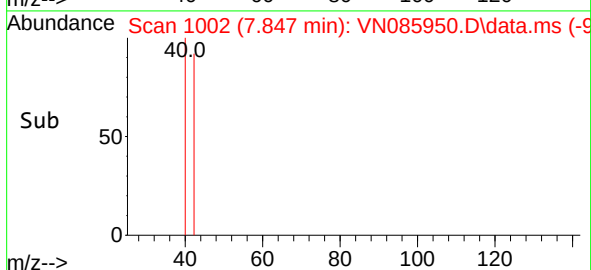
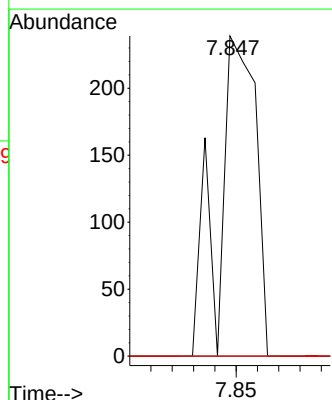
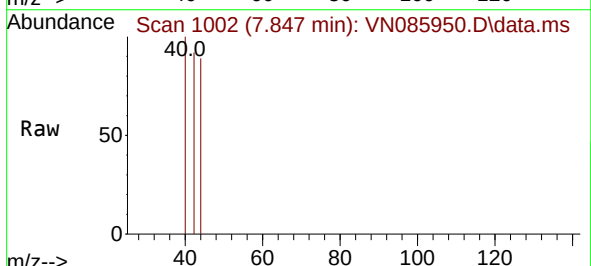
Tgt Ion: 42 Resp: 291

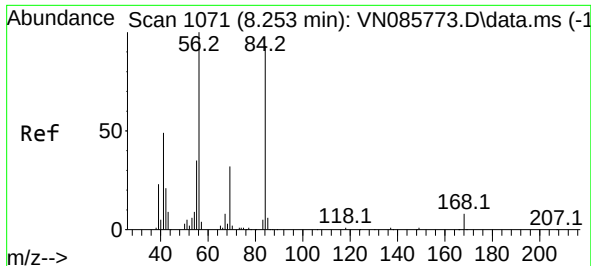
Ion Ratio Lower Upper

42 100

72 0.0 40.0 60.0#

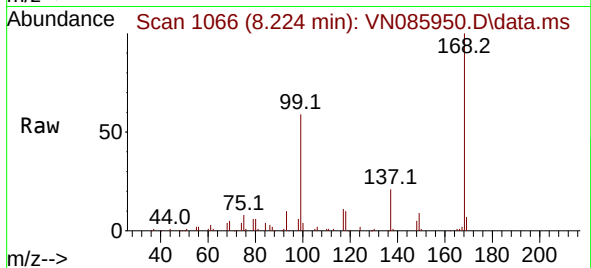
71 0.0 37.0 55.4#



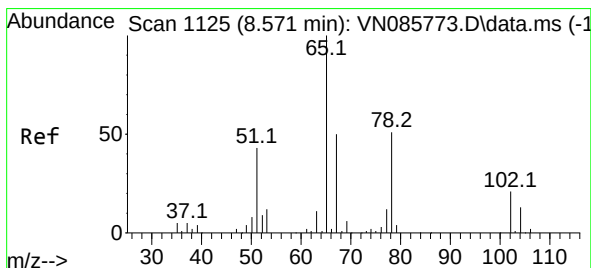
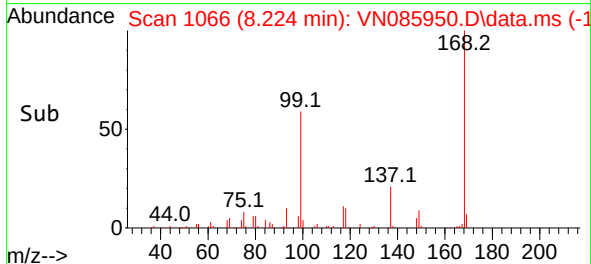
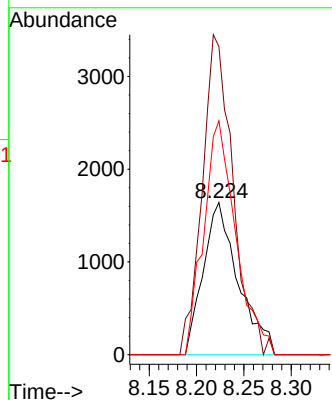


#31
Cyclohexane
Concen: 1.427 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.030 min
Lab File: VN085950.D
Acq: 11 Mar 2025 22:41

Instrument :
MSVOA_N
ClientSampleId :

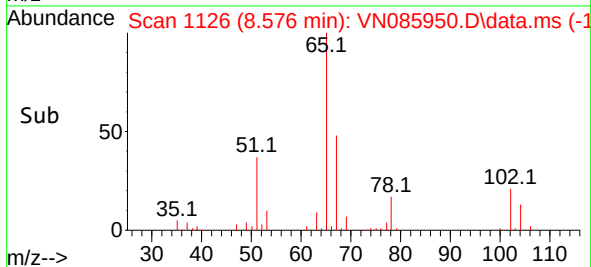
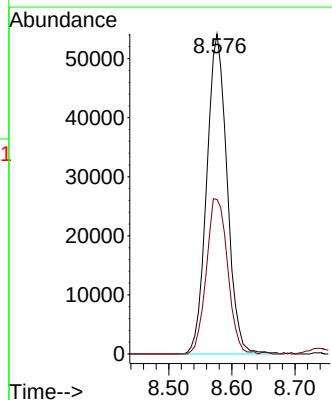
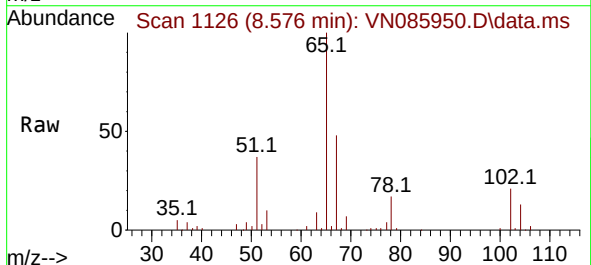


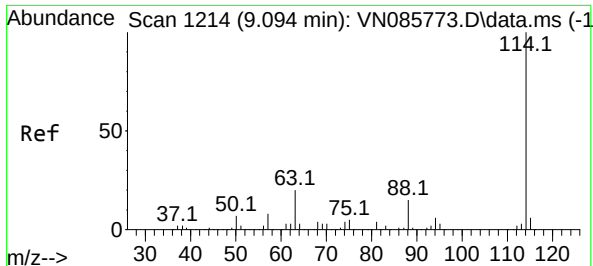
Tgt Ion: 56 Resp: 4197
Ion Ratio Lower Upper
56 100
69 202.5 25.8 38.6#
84 153.8 74.5 111.7#



#33
1,2-Dichloroethane-d4
Concen: 58.818 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085950.D
Acq: 11 Mar 2025 22:41

Tgt Ion: 65 Resp: 121127
Ion Ratio Lower Upper
65 100
67 50.8 0.0 106.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN085950.D

Acq: 11 Mar 2025 22:41

Instrument :

MSVOA_N

ClientSampleId :

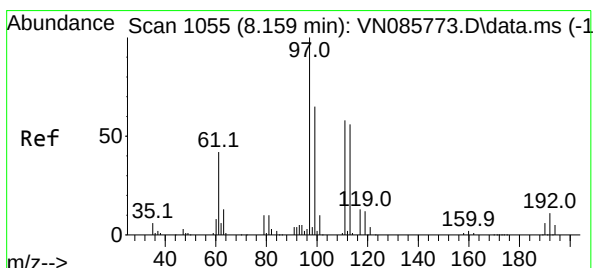
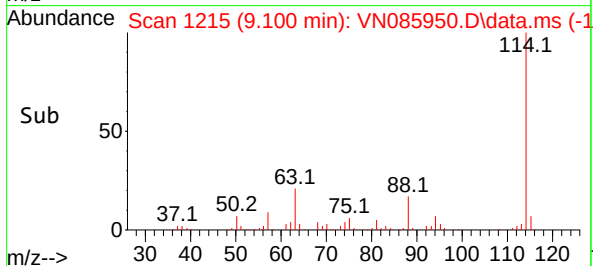
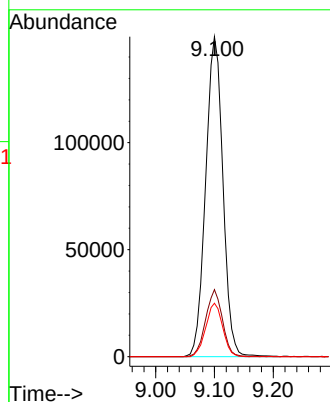
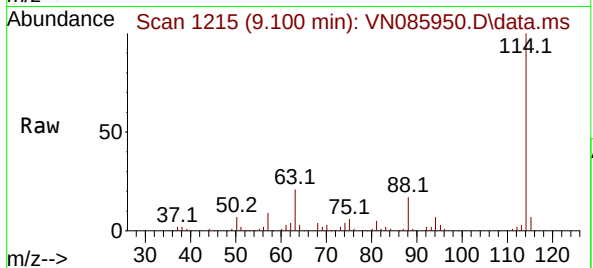
Tgt Ion:114 Resp: 304534

Ion Ratio Lower Upper

114 100

63 21.0 0.0 39.2

88 16.7 0.0 30.0



#35

Dibromofluoromethane

Concen: 41.094 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085950.D

Acq: 11 Mar 2025 22:41

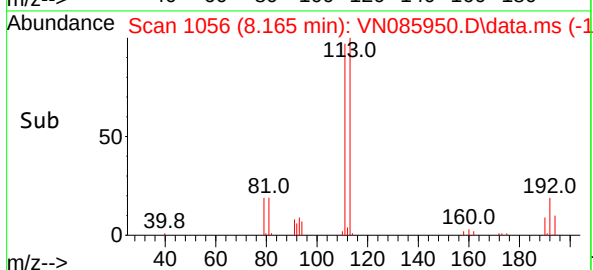
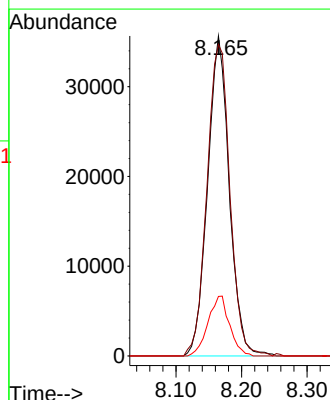
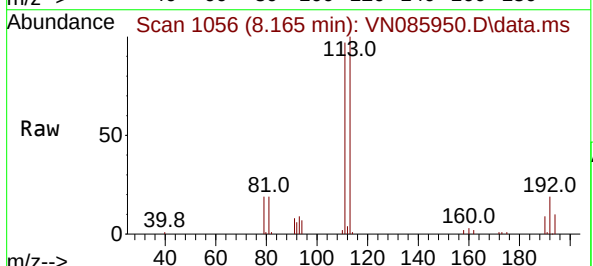
Tgt Ion:113 Resp: 81889

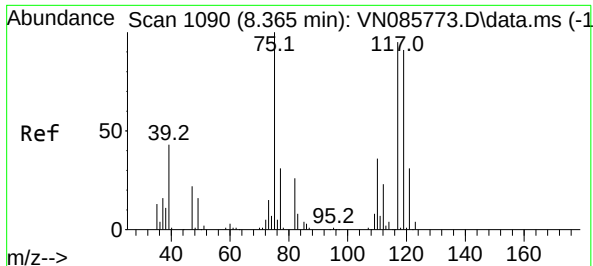
Ion Ratio Lower Upper

113 100

111 102.9 82.2 123.4

192 18.6 14.7 22.1





#36

1,1-Dichloropropene

Concen: 4.664 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN085950.D

Acq: 11 Mar 2025 22:41

Instrument :

MSVOA_N

ClientSampleId :

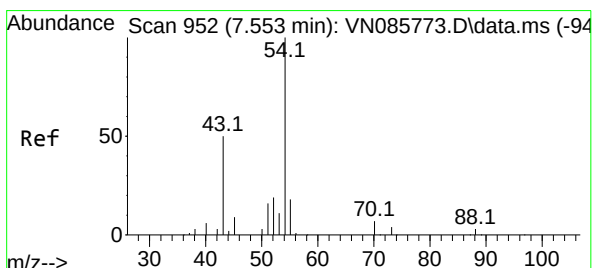
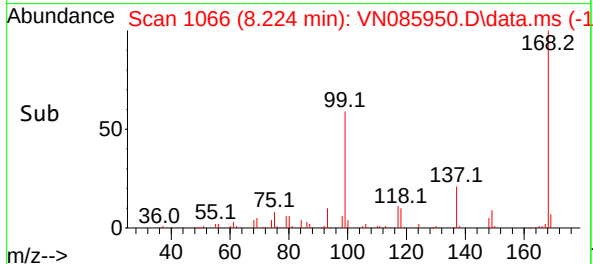
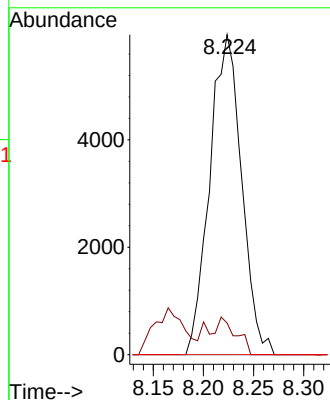
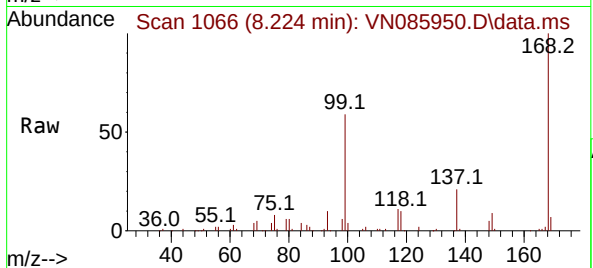
Tgt Ion: 75 Resp: 13155

Ion Ratio Lower Upper

75 100

110 10.1 17.3 52.0#

77 0.0 24.6 37.0#



#37

Ethyl Acetate

Concen: 1.865 ug/l

RT: 7.500 min Scan# 943

Delta R.T. -0.053 min

Lab File: VN085950.D

Acq: 11 Mar 2025 22:41

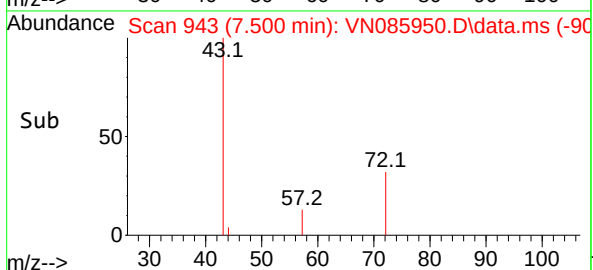
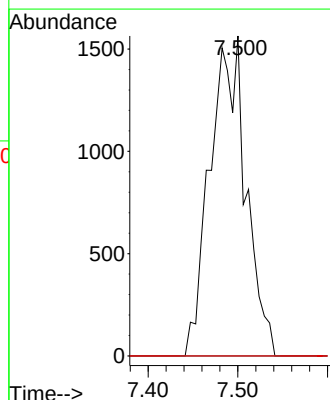
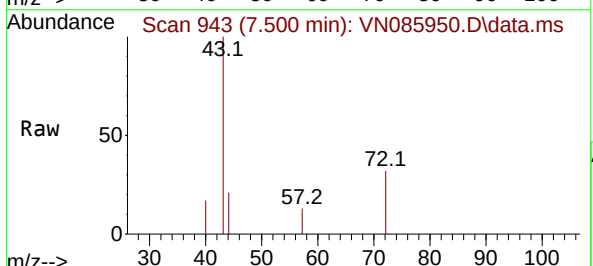
Tgt Ion: 43 Resp: 4329

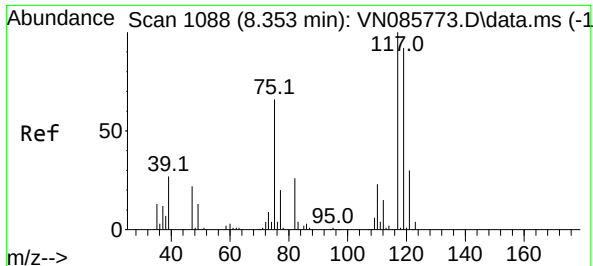
Ion Ratio Lower Upper

43 100

61 0.0 12.2 18.2#

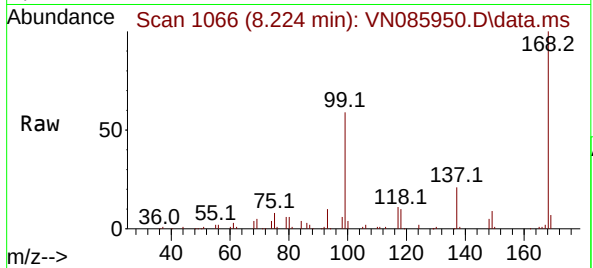
70 0.0 9.5 14.3#



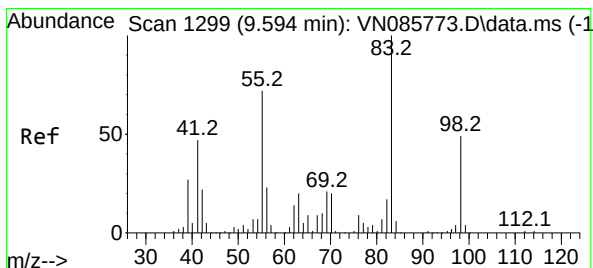
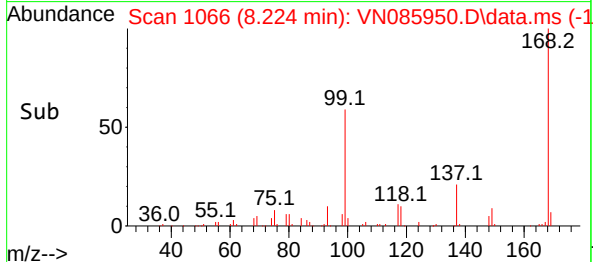
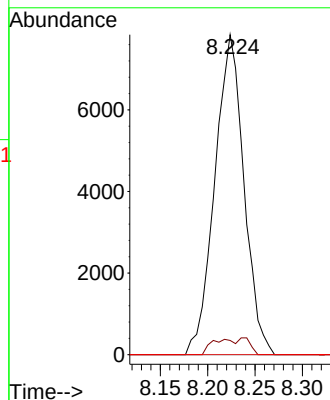


#38
Carbon Tetrachloride
Concen: 5.013 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.130 min
Lab File: VN085950.D
Acq: 11 Mar 2025 22:41

Instrument :
MSVOA_N
ClientSampleId :

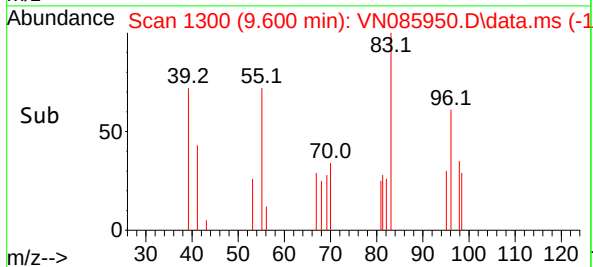
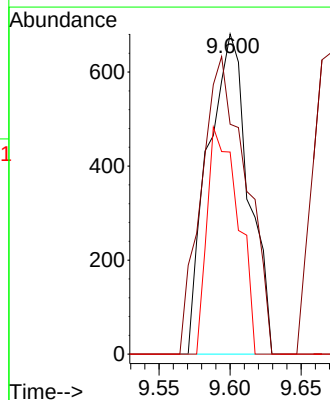
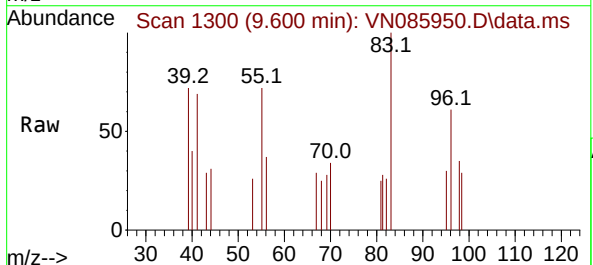


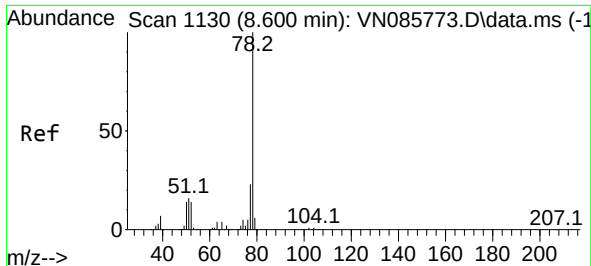
Tgt Ion:117 Resp: 16798
Ion Ratio Lower Upper
117 100
119 4.5 73.8 110.6#
121 0.0 24.3 36.5#



#39
Methylcyclohexane
Concen: 0.492 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.006 min
Lab File: VN085950.D
Acq: 11 Mar 2025 22:41

Tgt Ion: 83 Resp: 1363
Ion Ratio Lower Upper
83 100
55 71.8 57.5 86.3
98 63.1 39.2 58.8#





#40

Benzene

Concen: 12.331 ug/l

RT: 8.606 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN085950.D

Acq: 11 Mar 2025 22:41

Instrument :

MSVOA_N

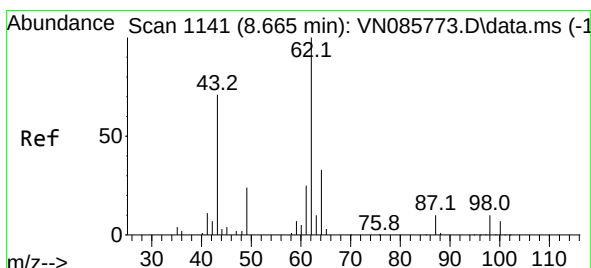
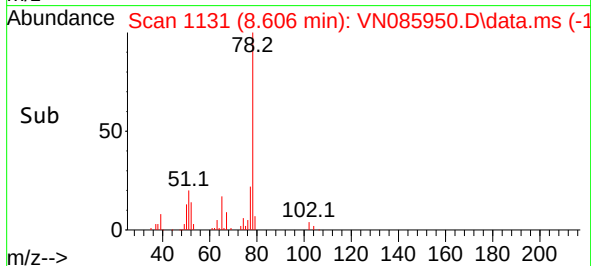
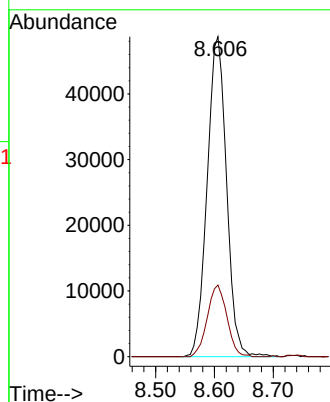
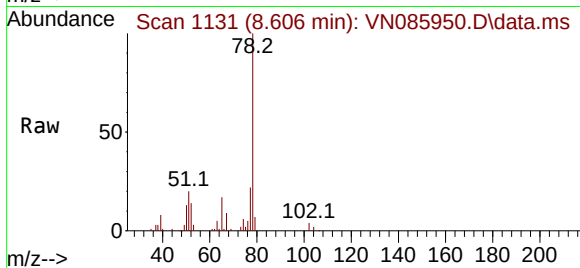
ClientSampleId :

Tgt Ion: 78 Resp: 111463

Ion Ratio Lower Upper

78 100

77 22.4 18.3 27.5



#42

1,2-Dichloroethane

Concen: 0.325 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.059 min

Lab File: VN085950.D

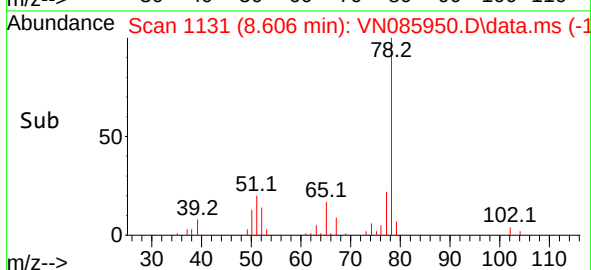
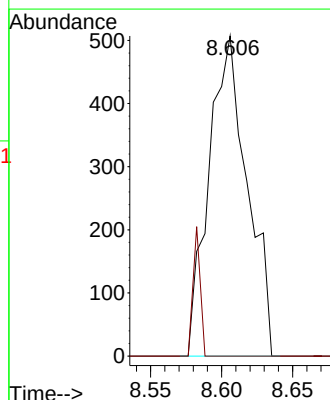
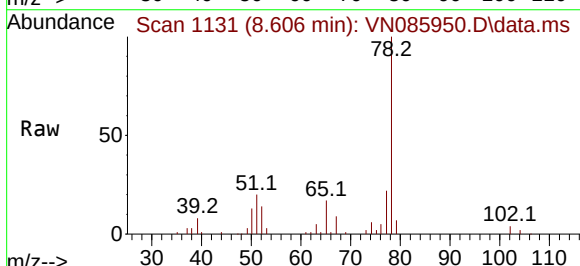
Acq: 11 Mar 2025 22:41

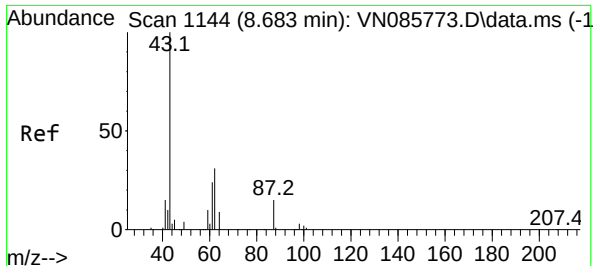
Tgt Ion: 62 Resp: 956

Ion Ratio Lower Upper

62 100

98 0.0 0.0 19.6





#43

Isopropyl Acetate

Concen: 1.556 ug/l

RT: 8.665 min Scan# 1141

Delta R.T. -0.018 min

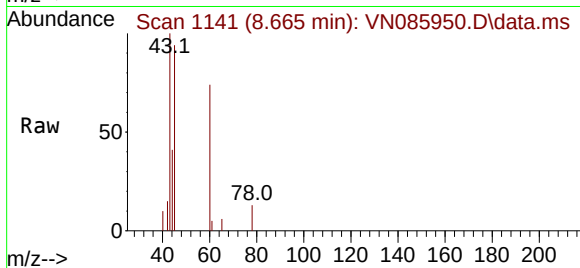
Lab File: VN085950.D

Acq: 11 Mar 2025 22:41

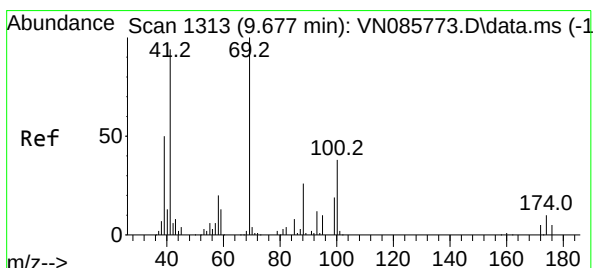
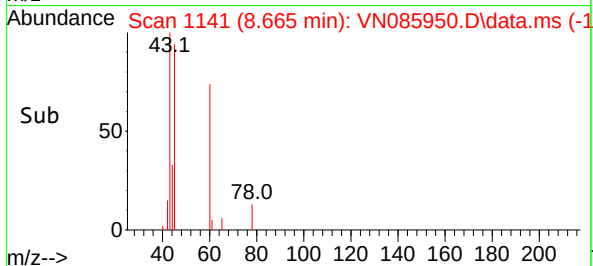
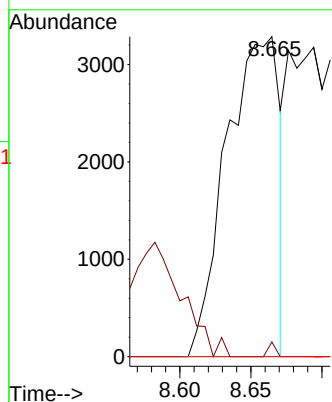
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 43	Resp: 8492
Ion Ratio	Lower Upper
43	100
61	0.0 22.6 34.0#
87	0.0 11.8 17.8#



#48

Methyl methacrylate

Concen: 0.746 ug/l

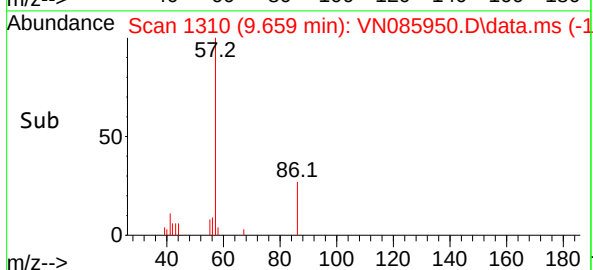
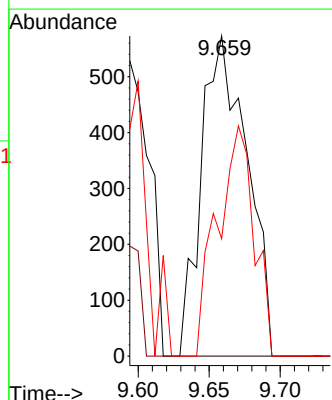
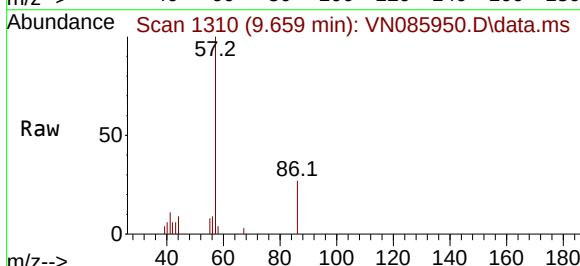
RT: 9.659 min Scan# 1310

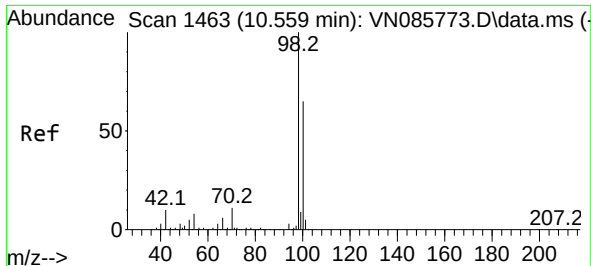
Delta R.T. -0.018 min

Lab File: VN085950.D

Acq: 11 Mar 2025 22:41

Tgt Ion: 41	Resp: 1285
Ion Ratio	Lower Upper
41	100
69	0.0 76.0 114.0#
39	58.0 42.3 63.5

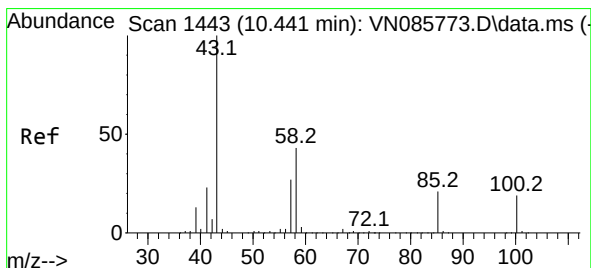
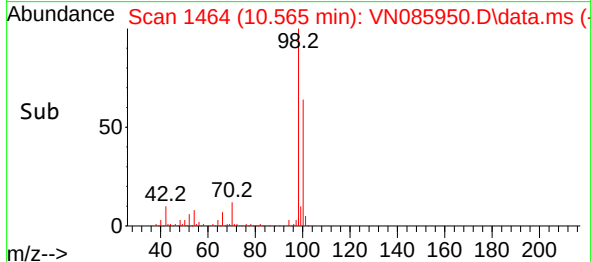
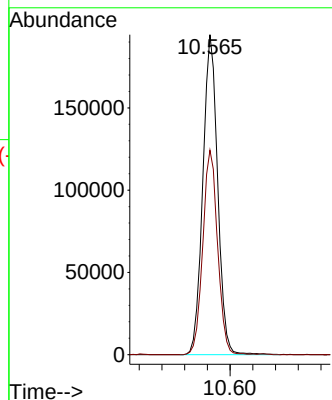
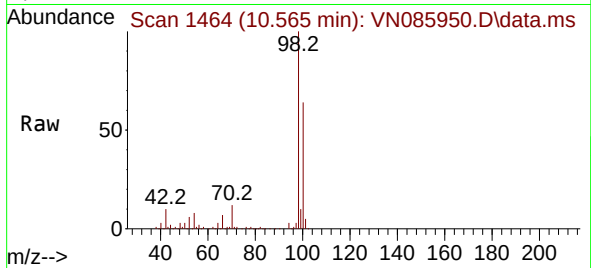




#50
Toluene-d8
Concen: 48.474 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085950.D
Acq: 11 Mar 2025 22:41

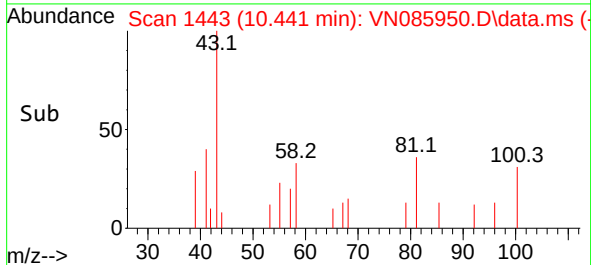
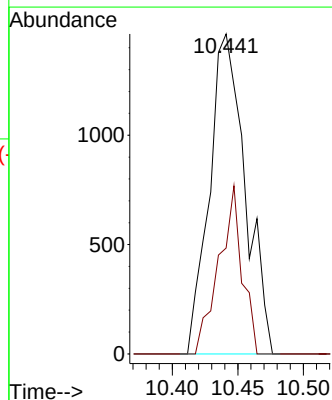
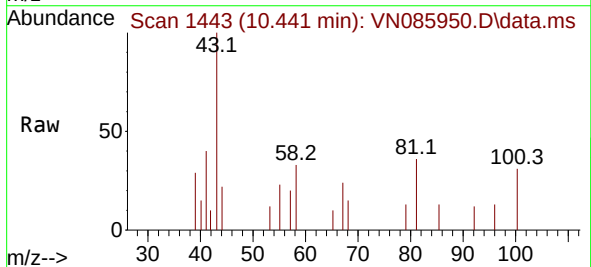
Instrument :
MSVOA_N
ClientSampleId :

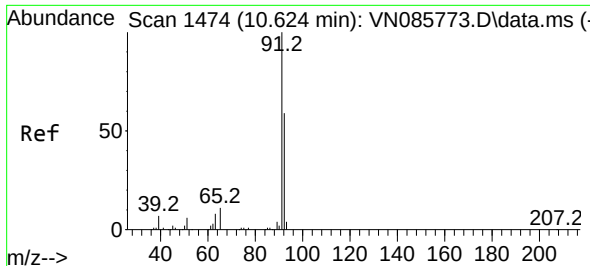
Tgt Ion: 98 Resp: 351447
Ion Ratio Lower Upper
98 100
100 63.8 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 1.245 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN085950.D
Acq: 11 Mar 2025 22:41

Tgt Ion: 43 Resp: 2785
Ion Ratio Lower Upper
43 100
58 33.8 34.6 52.0#

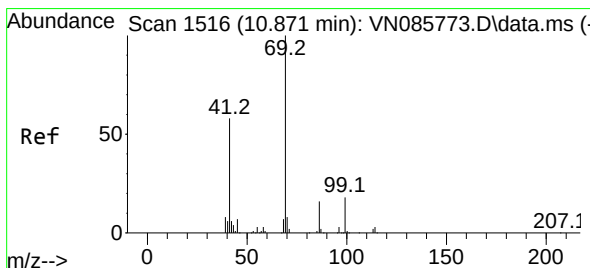
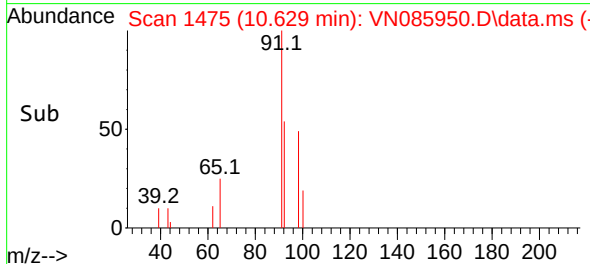
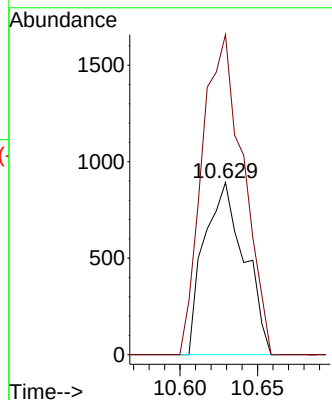
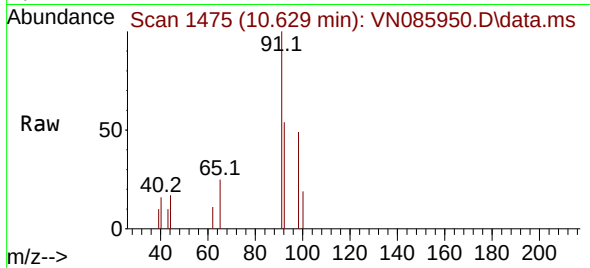




#52
Toluene
Concen: 0.303 ug/l
RT: 10.629 min Scan# 1474
Delta R.T. 0.006 min
Lab File: VN085950.D
Acq: 11 Mar 2025 22:41

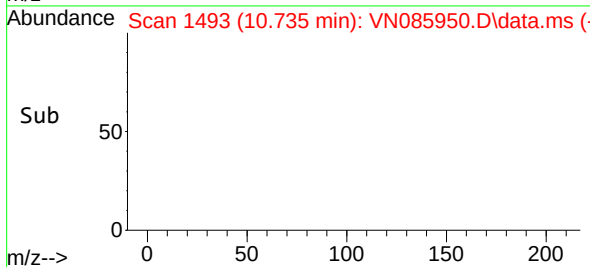
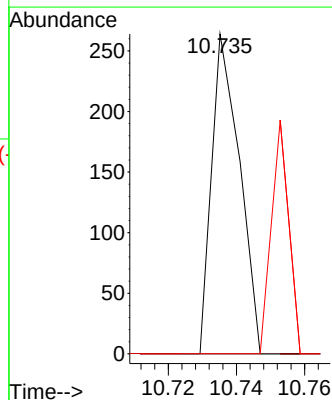
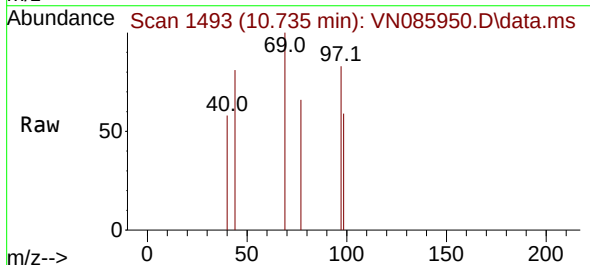
Instrument :
MSVOA_N
ClientSampleId :

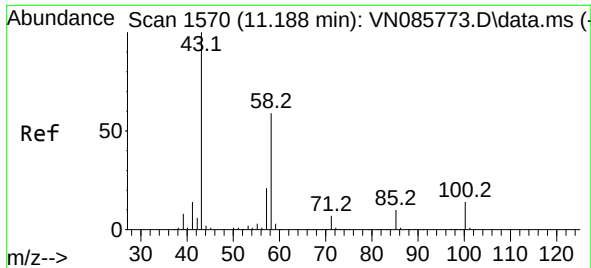
Tgt Ion: 92 Resp: 1608
Ion Ratio Lower Upper
92 100
91 189.9 136.9 205.3



#56
Ethyl methacrylate
Concen: 0.515 ug/l
RT: 10.735 min Scan# 1493
Delta R.T. -0.136 min
Lab File: VN085950.D
Acq: 11 Mar 2025 22:41

Tgt Ion: 69 Resp: 149
Ion Ratio Lower Upper
69 100
41 0.0 46.0 69.0#
39 45.6 22.0 33.0#

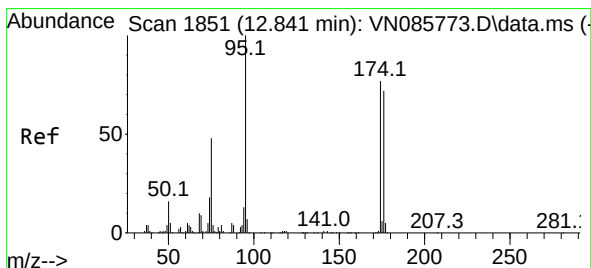
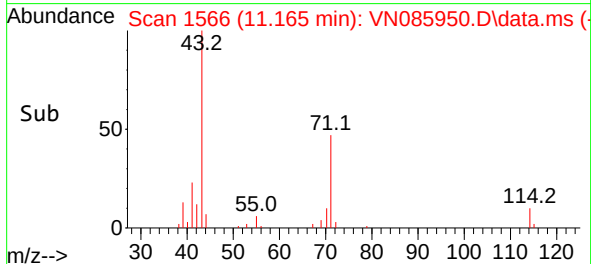
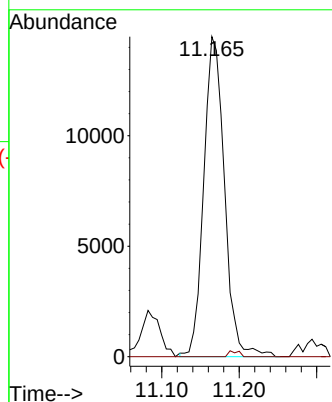
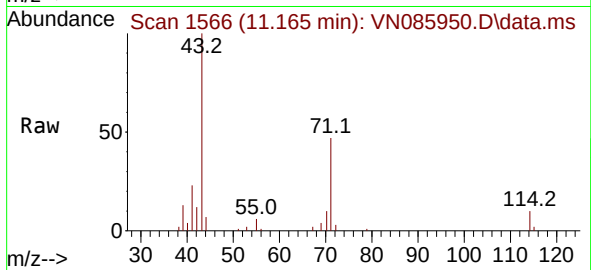




#59
2-Hexanone
Concen: 17.484 ug/l
RT: 11.165 min Scan# 11
Delta R.T. -0.023 min
Lab File: VN085950.D
Acq: 11 Mar 2025 22:41

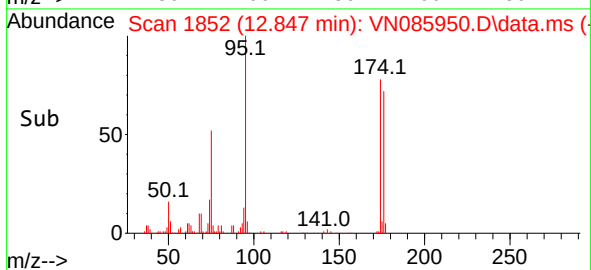
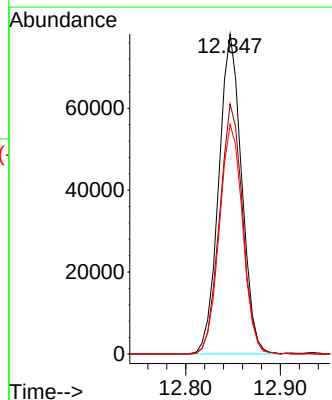
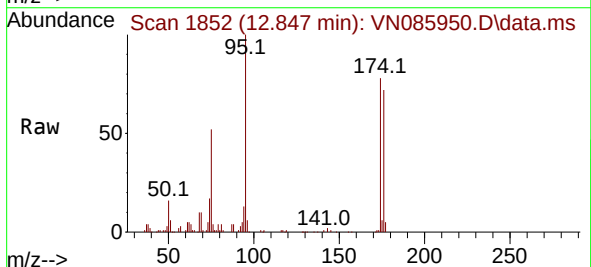
Instrument :
MSVOA_N
ClientSampleId :

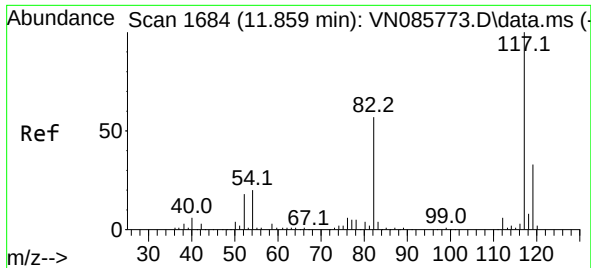
Tgt Ion: 43 Resp: 26914
Ion Ratio Lower Upper
43 100
58 0.0 29.8 89.5#



#62
4-Bromofluorobenzene
Concen: 54.895 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN085950.D
Acq: 11 Mar 2025 22:41

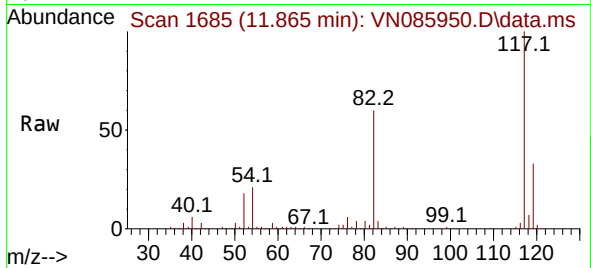
Tgt Ion: 95 Resp: 131130
Ion Ratio Lower Upper
95 100
174 78.8 0.0 152.4
176 73.0 0.0 146.6



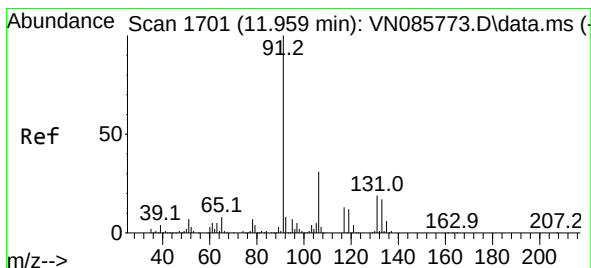
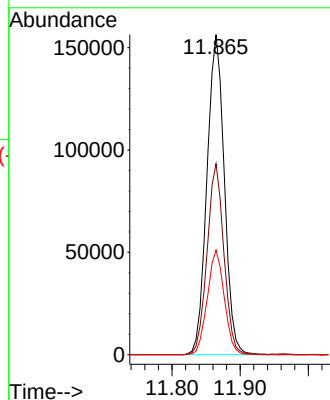
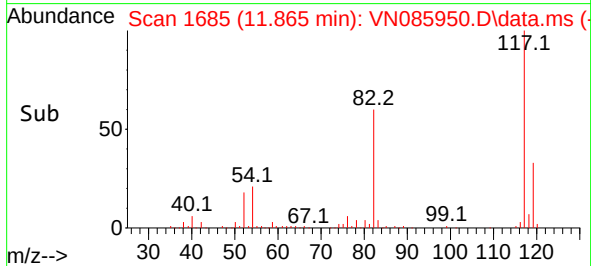


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN085950.D
Acq: 11 Mar 2025 22:41

Instrument :
MSVOA_N
ClientSampleId :

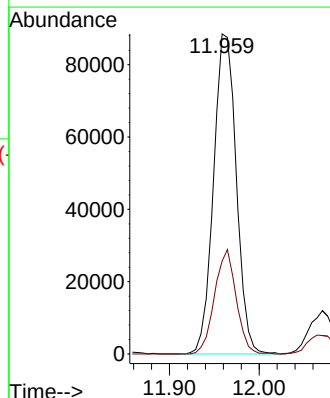
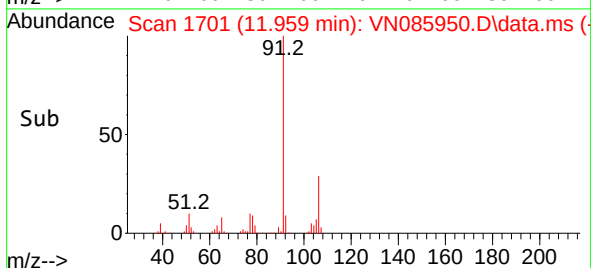
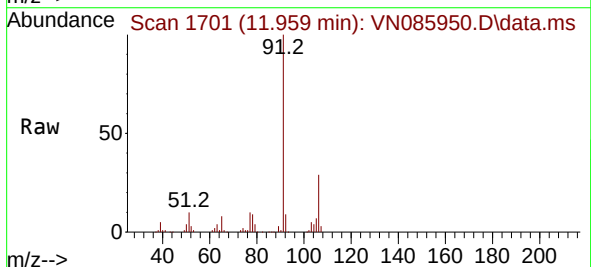


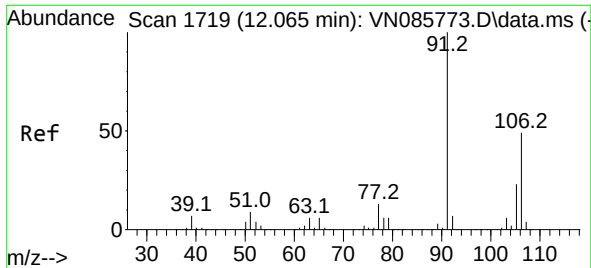
Tgt Ion:117 Resp: 277310
Ion Ratio Lower Upper
117 100
82 59.7 45.7 68.5
119 32.7 26.2 39.2



#67
Ethyl Benzene
Concen: 15.659 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085950.D
Acq: 11 Mar 2025 22:41

Tgt Ion: 91 Resp: 155826
Ion Ratio Lower Upper
91 100
106 29.0 24.7 37.1

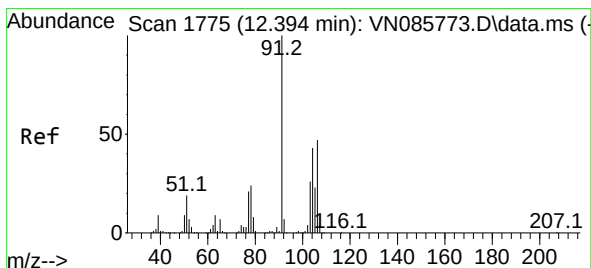
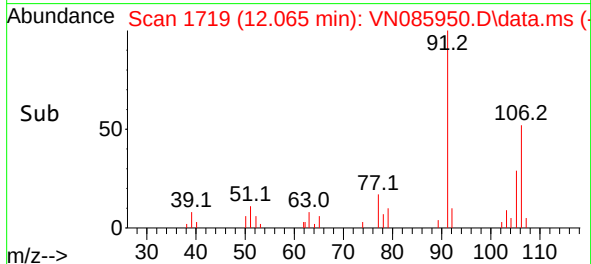
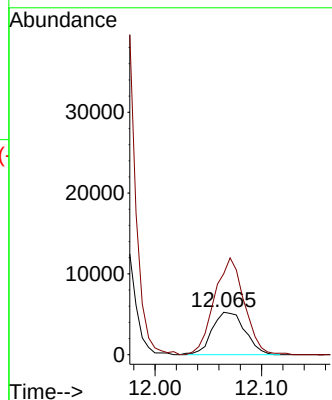
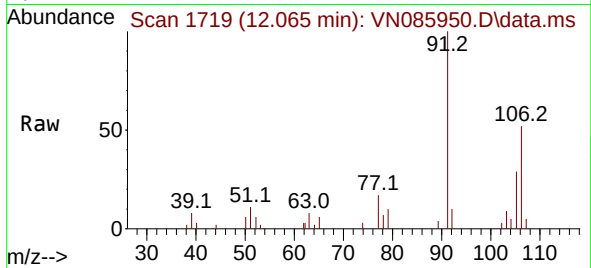




#68
m/p-Xylenes
Concen: 2.979 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN085950.D
Acq: 11 Mar 2025 22:41

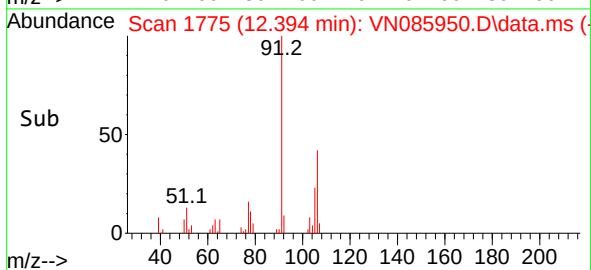
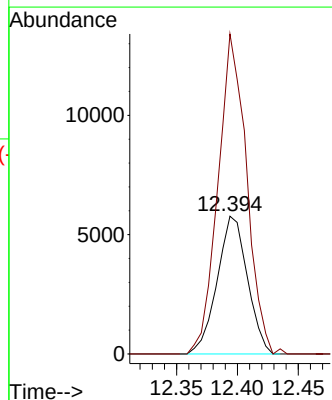
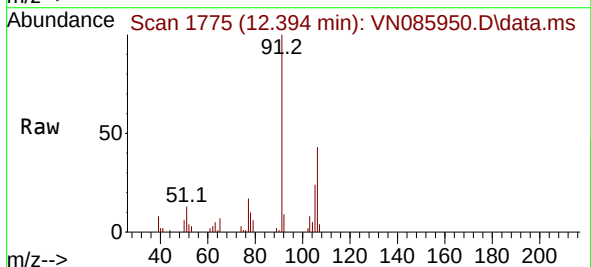
Instrument :
MSVOA_N
ClientSampleId :

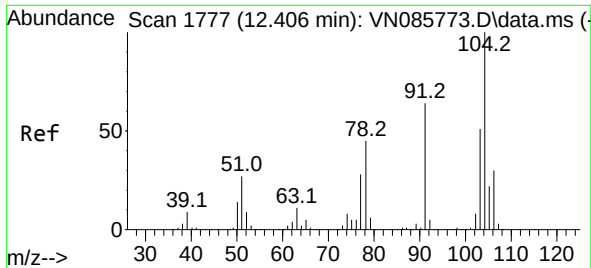
Tgt Ion:106 Resp: 11259
Ion Ratio Lower Upper
106 100
91 208.1 163.3 244.9



#69
o-Xylene
Concen: 2.778 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN085950.D
Acq: 11 Mar 2025 22:41

Tgt Ion:106 Resp: 9977
Ion Ratio Lower Upper
106 100
91 219.3 107.1 321.4

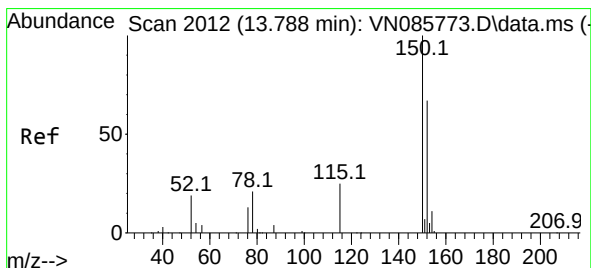
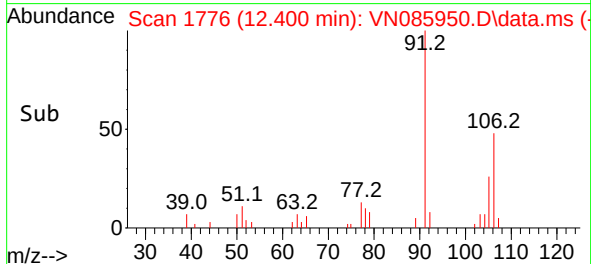
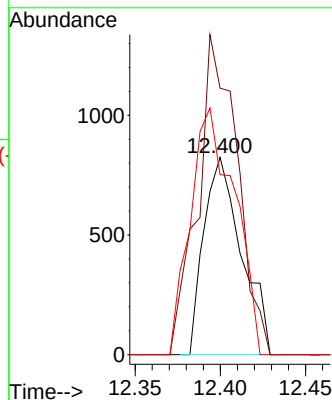
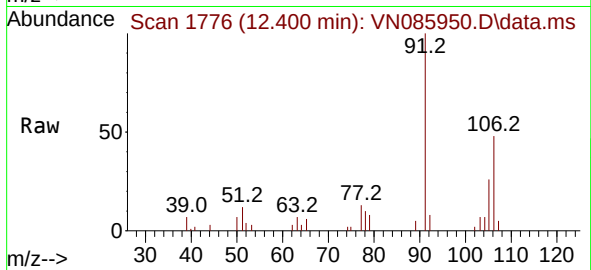




#70
Styrene
Concen: 0.792 ug/l
RT: 12.400 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN085950.D
Acq: 11 Mar 2025 22:41

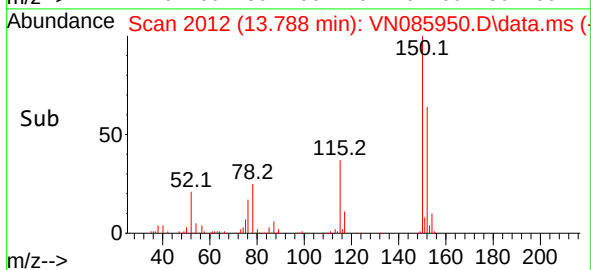
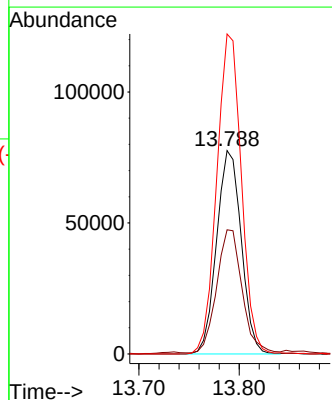
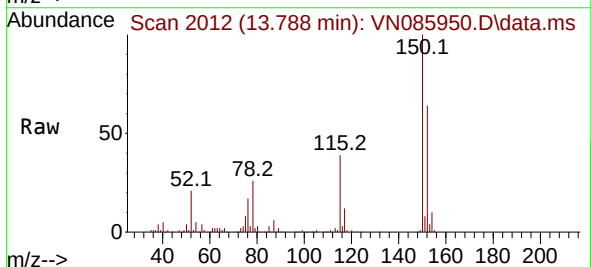
Instrument :
MSVOA_N
ClientSampleId :

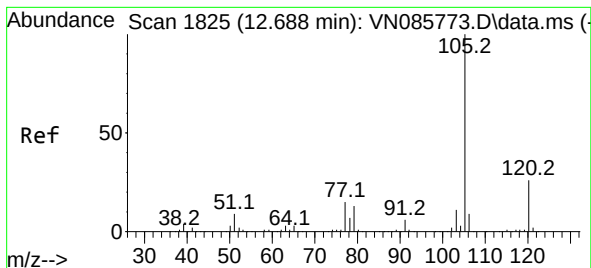
Tgt Ion:104 Resp: 1272
Ion Ratio Lower Upper
104 100
78 169.7 39.0 58.6#
103 146.7 43.3 64.9#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085950.D
Acq: 11 Mar 2025 22:41

Tgt Ion:152 Resp: 132575
Ion Ratio Lower Upper
152 100
115 61.9 30.4 91.3
150 157.1 0.0 345.4





#73

Isopropylbenzene

Concen: 5.617 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.006 min

Lab File: VN085950.D

Acq: 11 Mar 2025 22:41

Instrument :

MSVOA_N

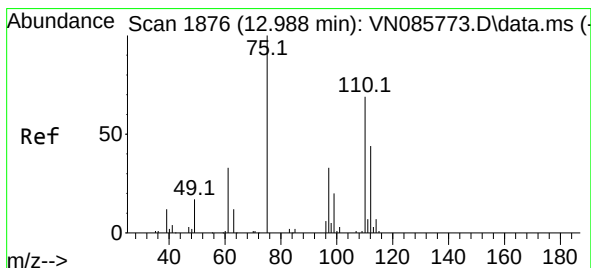
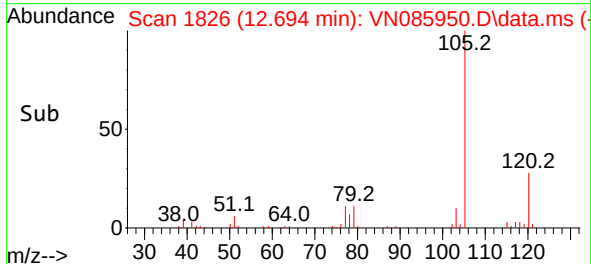
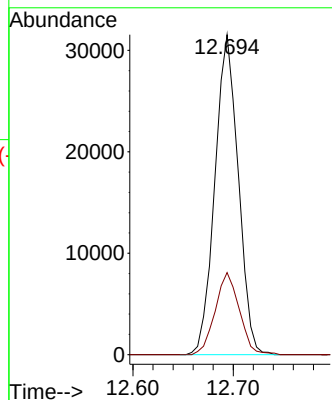
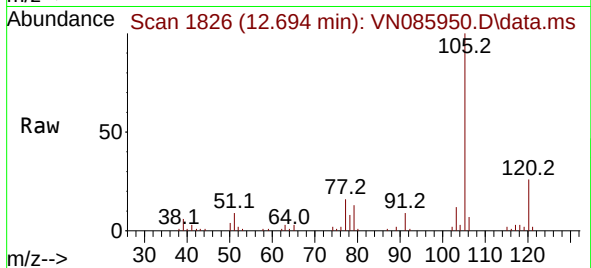
ClientSampleId :

Tgt Ion:105 Resp: 51020

Ion Ratio Lower Upper

105 100

120 26.5 13.0 39.0



#76

1,2,3-Trichloropropane

Concen: 22.719 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.141 min

Lab File: VN085950.D

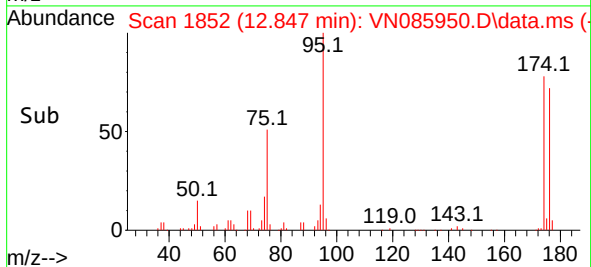
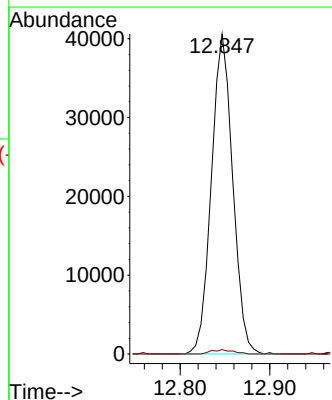
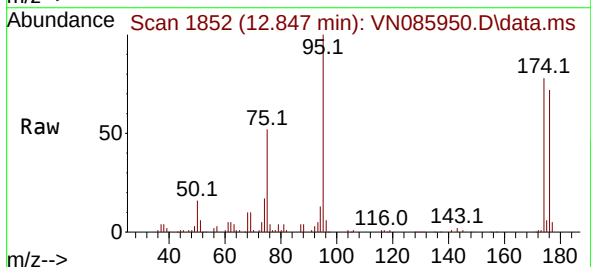
Acq: 11 Mar 2025 22:41

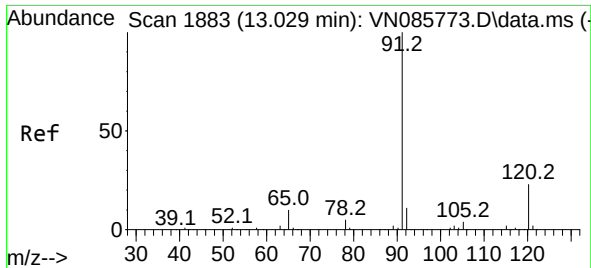
Tgt Ion: 75 Resp: 66907

Ion Ratio Lower Upper

75 100

77 1.4 100.0 300.0#

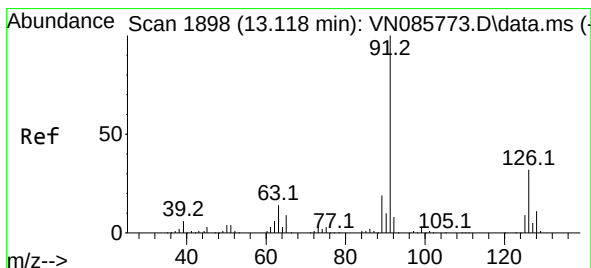
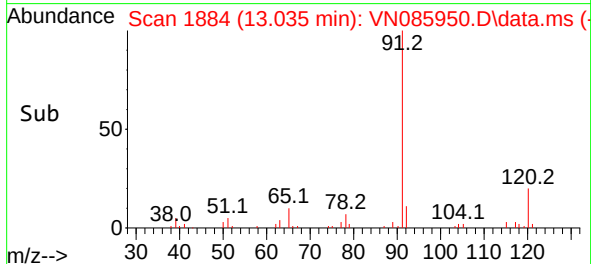
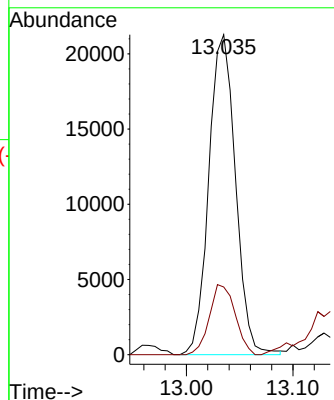
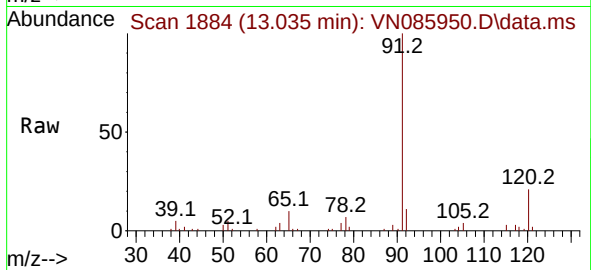




#78
n-propylbenzene
Concen: 3.555 ug/l
RT: 13.035 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085950.D
Acq: 11 Mar 2025 22:41

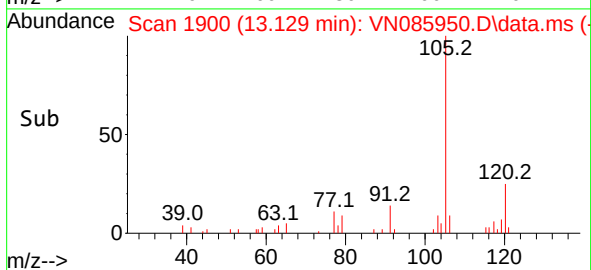
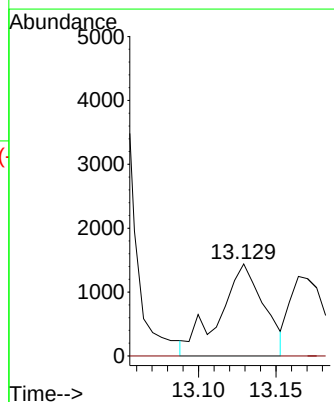
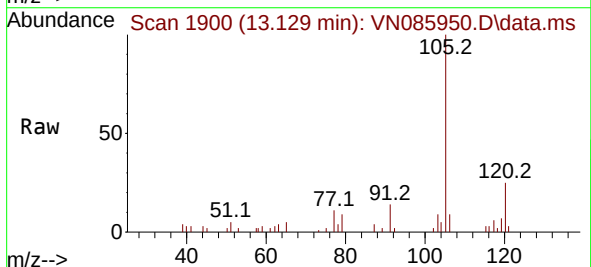
Instrument :
MSVOA_N
ClientSampleId :

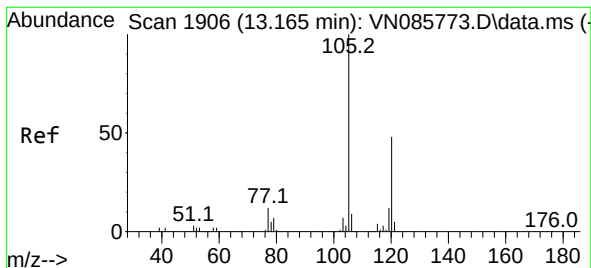
Tgt Ion: 91 Resp: 36974
Ion Ratio Lower Upper
91 100
120 21.1 11.3 33.8



#79
2-Chlorotoluene
Concen: 0.410 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.012 min
Lab File: VN085950.D
Acq: 11 Mar 2025 22:41

Tgt Ion: 91 Resp: 2846
Ion Ratio Lower Upper
91 100
126 0.0 16.4 49.1#





#80

1,3,5-Trimethylbenzene

Concen: 2.064 ug/l

RT: 13.170 min Scan# 1906

Delta R.T. 0.006 min

Lab File: VN085950.D

Acq: 11 Mar 2025 22:41

Instrument :

MSVOA_N

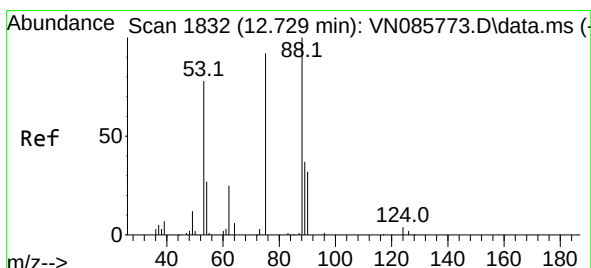
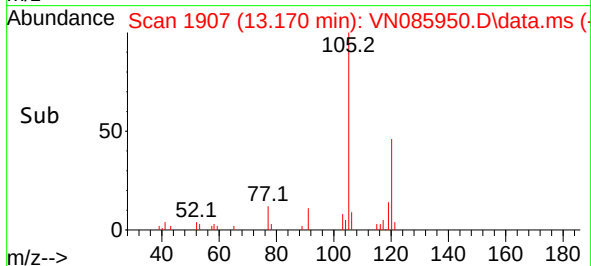
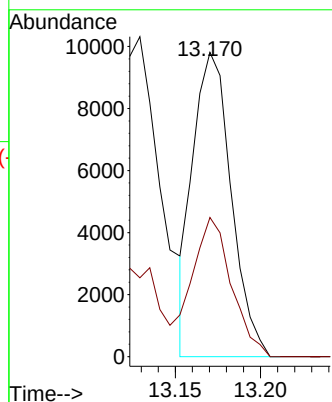
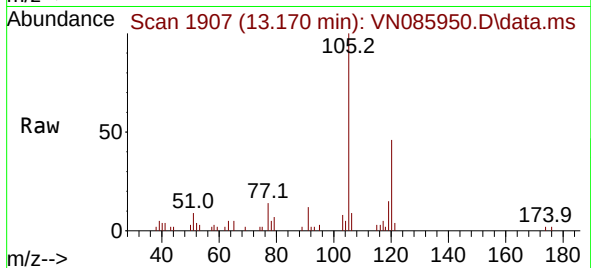
ClientSampleId :

Tgt Ion:105 Resp: 15272

Ion Ratio Lower Upper

105 100

120 47.7 24.3 72.9



#81

trans-1,4-Dichloro-2-butene

Concen: 66.289 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.117 min

Lab File: VN085950.D

Acq: 11 Mar 2025 22:41

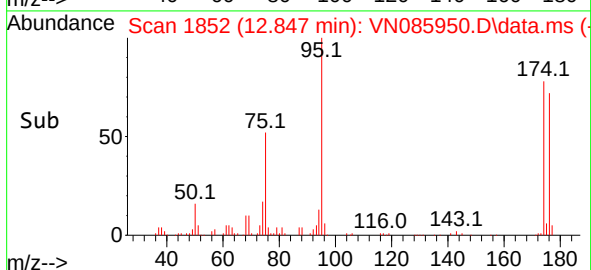
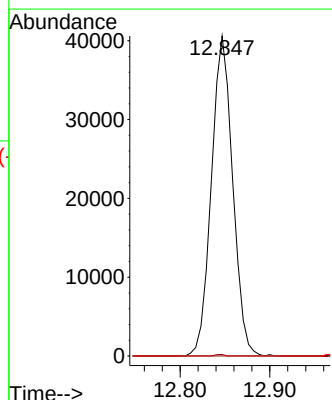
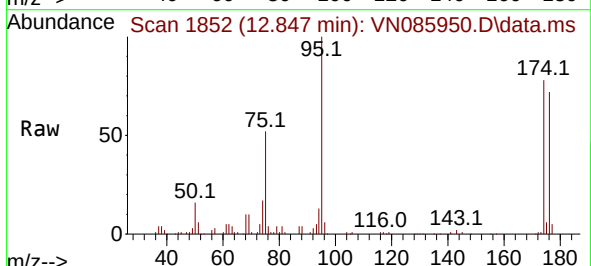
Tgt Ion: 75 Resp: 66907

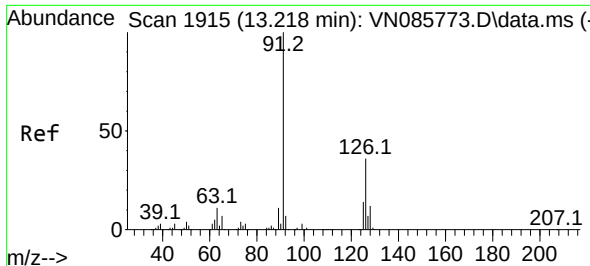
Ion Ratio Lower Upper

75 100

53 0.2 74.2 111.4#

89 0.0 34.9 52.3#





#82

4-Chlorotoluene

Concen: 0.290 ug/l

RT: 13.164 min Scan# 1915

Delta R.T. -0.053 min

Lab File: VN085950.D

Acq: 11 Mar 2025 22:41

Instrument :

MSVOA_N

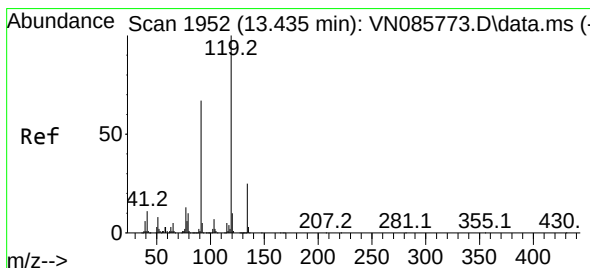
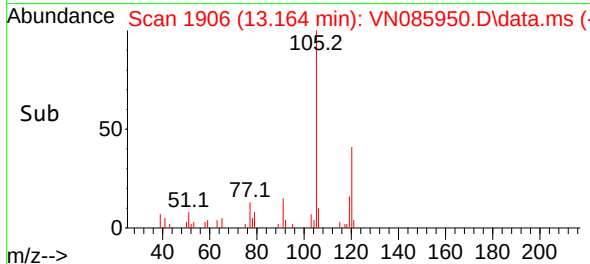
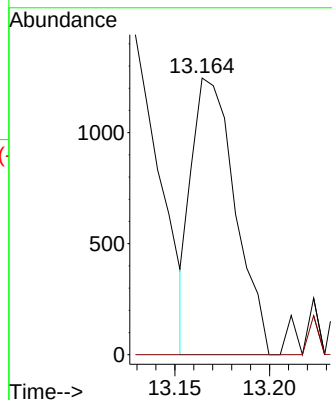
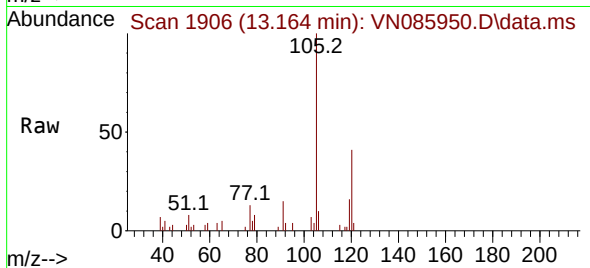
ClientSampleId :

Tgt Ion: 91 Resp: 1998

Ion Ratio Lower Upper

91 100

126 0.0 16.4 49.4#



#83

tert-Butylbenzene

Concen: 1.875 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.047 min

Lab File: VN085950.D

Acq: 11 Mar 2025 22:41

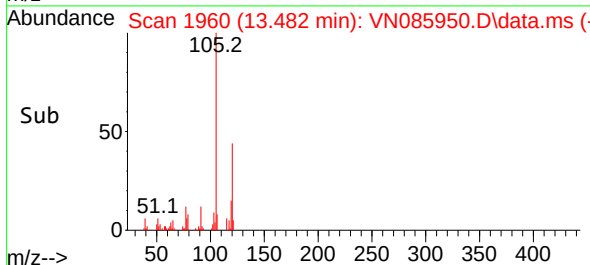
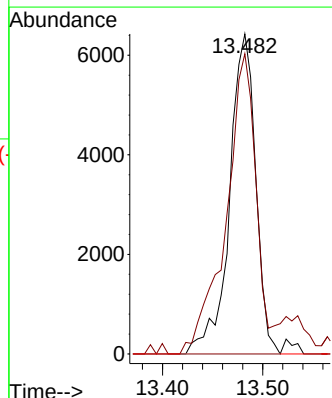
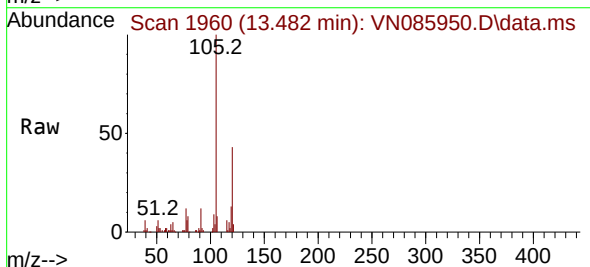
Tgt Ion: 119 Resp: 11663

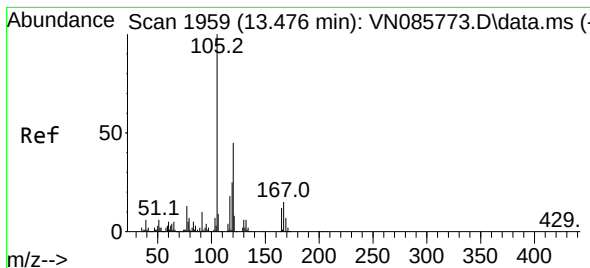
Ion Ratio Lower Upper

119 100

91 108.2 32.5 97.5#

134 0.0 13.3 39.9#





#84

1,2,4-Trimethylbenzene

Concen: 10.603 ug/l

RT: 13.482 min Scan# 1959

Delta R.T. 0.006 min

Lab File: VN085950.D

Acq: 11 Mar 2025 22:41

Instrument :

MSVOA_N

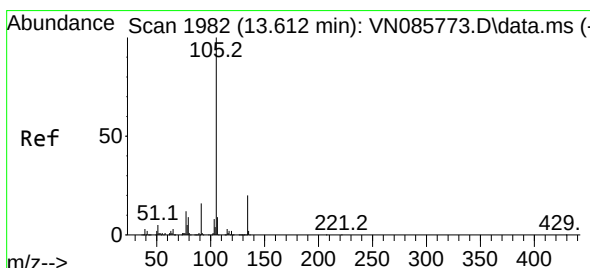
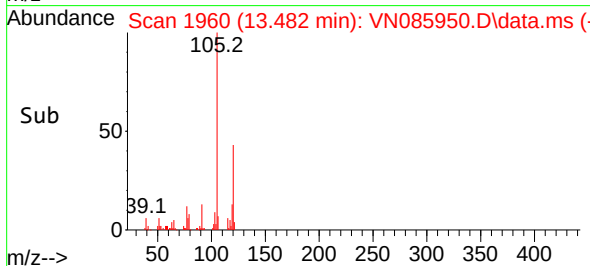
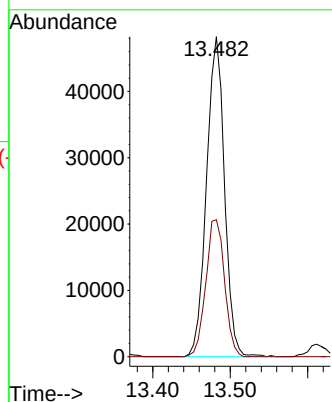
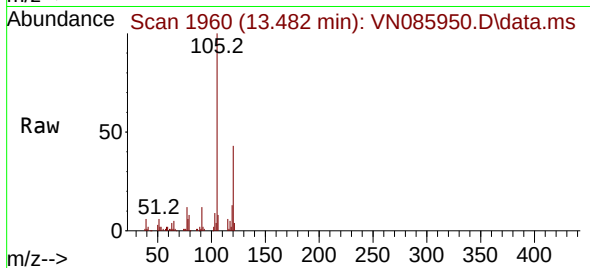
ClientSampleId :

Tgt Ion:105 Resp: 77617

Ion Ratio Lower Upper

105 100

120 44.7 22.4 67.3



#85

sec-Butylbenzene

Concen: 0.351 ug/l

RT: 13.611 min Scan# 1982

Delta R.T. -0.001 min

Lab File: VN085950.D

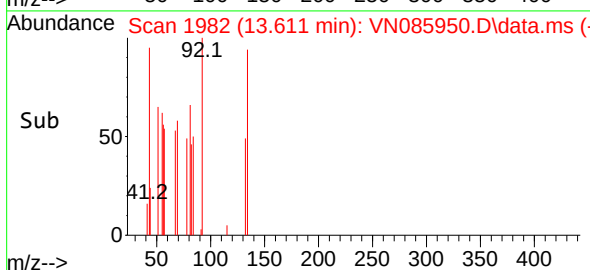
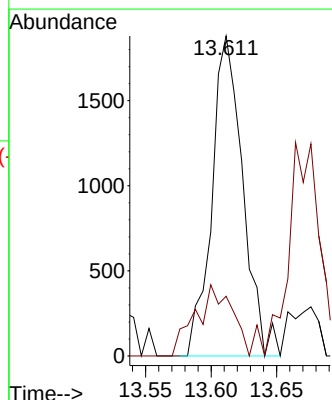
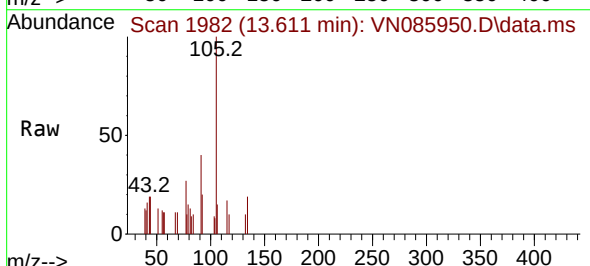
Acq: 11 Mar 2025 22:41

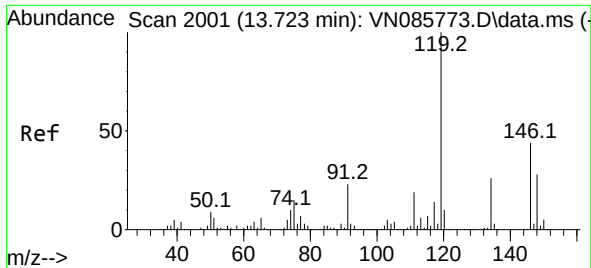
Tgt Ion:105 Resp: 3089

Ion Ratio Lower Upper

105 100

134 26.1 9.8 29.4

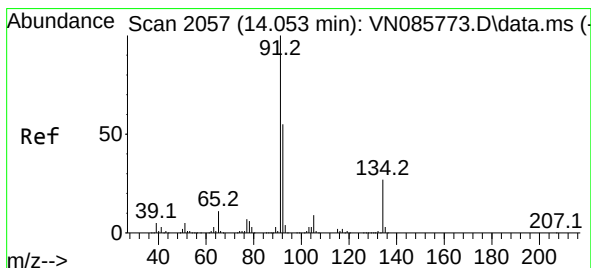
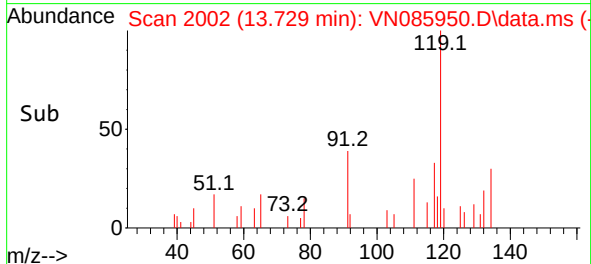
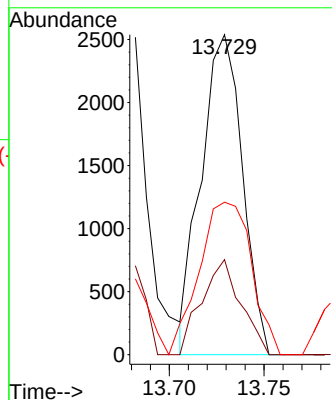
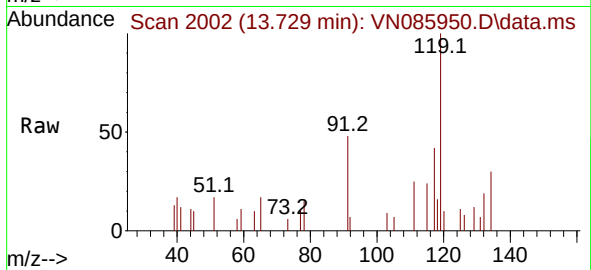




#86
p-Isopropyltoluene
Concen: 1.137 ug/l
RT: 13.729 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN085950.D
Acq: 11 Mar 2025 22:41

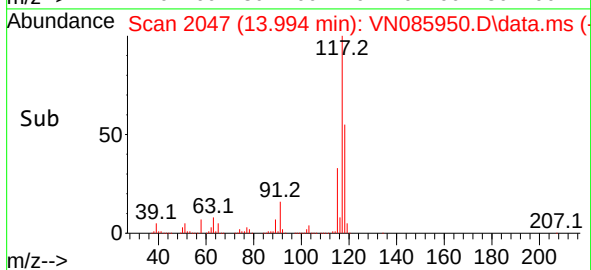
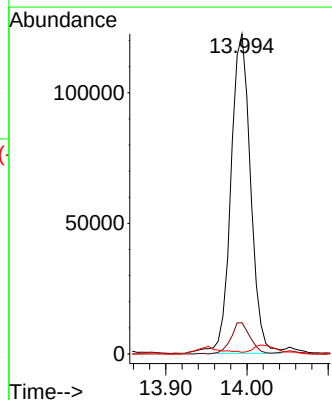
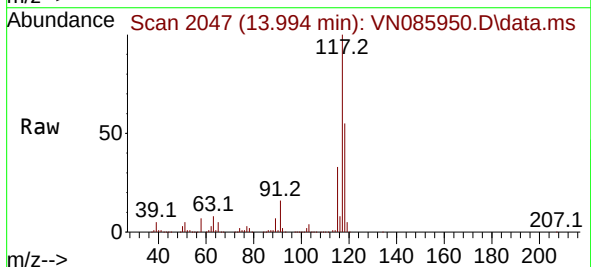
Instrument :
MSVOA_N
ClientSampleId :

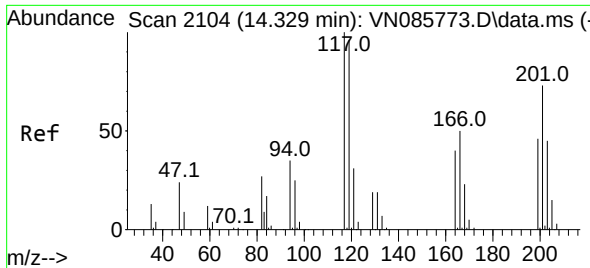
Tgt Ion:119 Resp: 3850
Ion Ratio Lower Upper
119 100
134 28.3 13.0 39.0
91 0.0 11.7 35.1#



#89
n-Butylbenzene
Concen: 33.048 ug/l
RT: 13.994 min Scan# 2047
Delta R.T. -0.059 min
Lab File: VN085950.D
Acq: 11 Mar 2025 22:41

Tgt Ion: 91 Resp: 206259
Ion Ratio Lower Upper
91 100
92 9.7 27.1 81.3#
134 0.0 12.7 38.1#

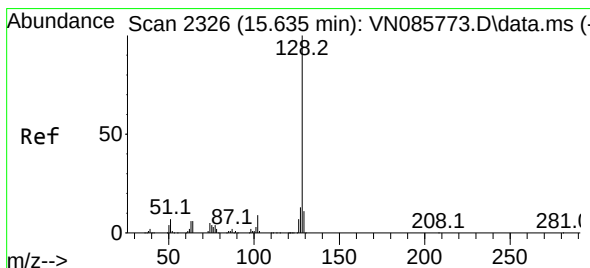
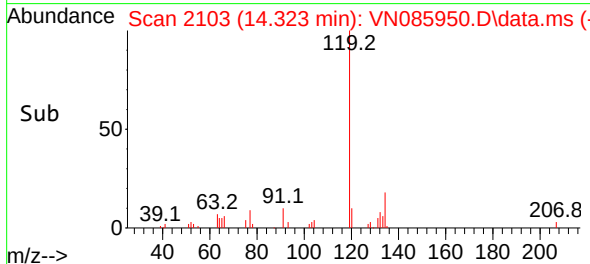
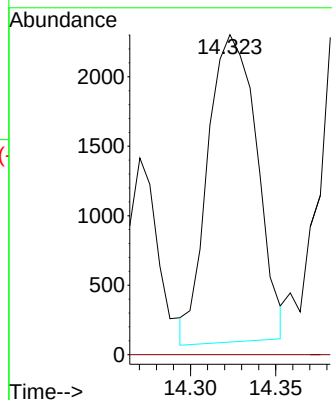
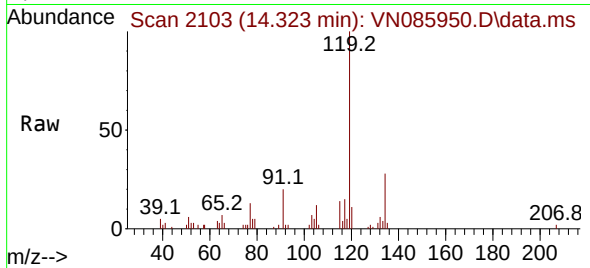




#90
Hexachloroethane
Concen: 2.656 ug/l
RT: 14.323 min Scan# 2103
Delta R.T. -0.006 min
Lab File: VN085950.D
Acq: 11 Mar 2025 22:41

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 4421
Ion Ratio Lower Upper
117 100
201 0.0 35.6 106.9#



#95
Naphthalene
Concen: 243.874 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VN085950.D
Acq: 11 Mar 2025 22:41

Tgt Ion:128 Resp: 1410441
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 11.0 8.7 13.1

