

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121824\
 Data File : VN085259.D
 Acq On : 18 Dec 2024 18:44
 Operator : JC\MD
 Sample : P5291-10DL 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 19 06:48:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 19 06:31:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	96192	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	181407	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.864	117	156548	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	70463	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	85847	51.060	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.120%			
35) Dibromofluoromethane	8.165	113	61548	48.258	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.520%			
50) Toluene-d8	10.565	98	226792	48.652	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.300%			
62) 4-Bromofluorobenzene	12.847	95	78073	46.892	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 93.780%			
Target Compounds						Qvalue
5) Bromomethane	2.971	94	202	0.225	ug/l	91
6) Chloroethane	3.112	64	621	Below Cal	#	42
13) Acrolein	4.136	56	133	0.495	ug/l #	1
15) Acrylonitrile	5.818	53	138	0.217	ug/l #	17
16) Acetone	4.424	43	758	1.306	ug/l #	49
18) Methyl Acetate	5.259	43	1058	0.644	ug/l #	54
19) Methyl tert-butyl Ether	5.794	73	3727	0.990	ug/l #	1
31) Cyclohexane	8.218	56	6451	2.966	ug/l #	48
36) 1,1-Dichloropropene	8.224	75	9646	5.432	ug/l #	54
38) Carbon Tetrachloride	8.224	117	11080	5.160	ug/l #	17
39) Methylcyclohexane	9.600	83	4128	2.234	ug/l #	83
40) Benzene	8.606	78	207830	37.618	ug/l	100
41) Methacrylonitrile	8.006	41	560	0.536	ug/l #	1
42) 1,2-Dichloroethane	8.612	62	2178	1.035	ug/l #	77
43) Isopropyl Acetate	8.688	43	977	0.261	ug/l #	58
48) Methyl methacrylate	9.594	41	2846	1.853	ug/l #	65
51) 4-Methyl-2-Pentanone	10.400	43	2184	1.109	ug/l #	38
52) Toluene	10.629	92	25654	7.722	ug/l	97
55) 1,1,2-Trichloroethane	11.006	97	865	0.695	ug/l #	14
56) Ethyl methacrylate	10.741	69	346	2.376	ug/l #	1
67) Ethyl Benzene	11.964	91	77456	12.842	ug/l	100
68) m/p-Xylenes	12.064	106	79448	35.218	ug/l	97
69) o-Xylene	12.394	106	23131	10.909	ug/l	94
70) Styrene	12.400	104	1633	0.461	ug/l #	1
71) Bromoform	12.847	173	530	0.551	ug/l #	28
73) Isopropylbenzene	12.694	105	2803	0.551	ug/l	91
76) 1,2,3-Trichloropropane	12.847	75	44732	26.632	ug/l #	1
78) n-propylbenzene	13.029	91	4990	0.800	ug/l	94
79) 2-Chlorotoluene	13.129	91	1156	0.292	ug/l #	44
80) 1,3,5-Trimethylbenzene	13.170	105	6041	1.425	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.847	75	44732	70.718	ug/l #	7
82) 4-Chlorotoluene	13.176	91	1043	0.260	ug/l #	43
83) tert-Butylbenzene	13.482	119	5227	1.454	ug/l #	62
84) 1,2,4-Trimethylbenzene	13.482	105	38472	8.877	ug/l	100
85) sec-Butylbenzene	13.482	105	38472	7.675	ug/l #	58
86) p-Isopropyltoluene	13.723	119	323	2.011	ug/l #	50

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Quant Title : SW846 8260
QLast Update : Thu Dec 19 06:31:00 2024
Response via : Initial Calibration

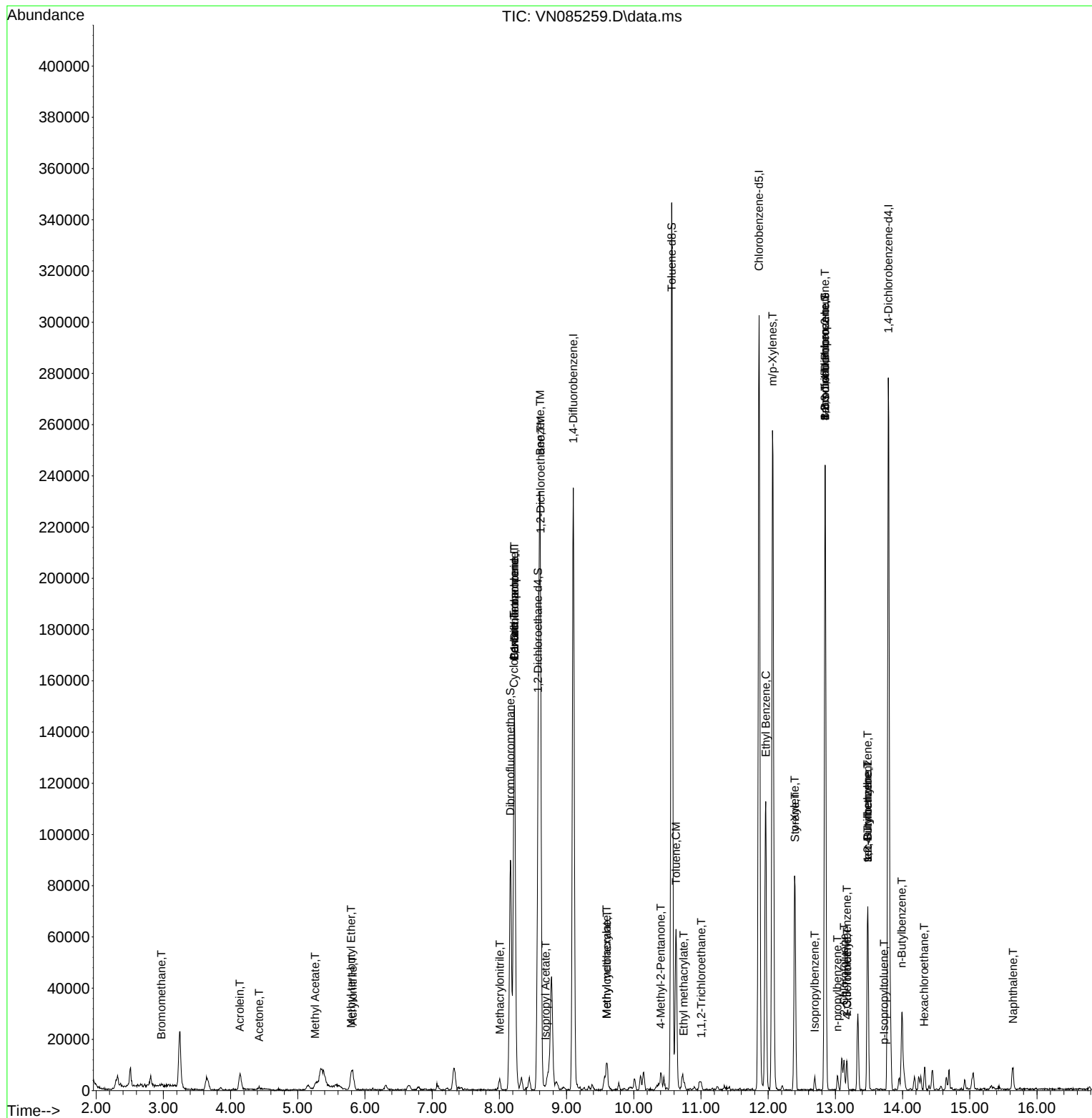
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	13.988	91	2938	0.797	ug/l #	60
90) Hexachloroethane	14.323	117	678	0.736	ug/l #	18
95) Naphthalene	15.647	128	8473	2.187	ug/l #	95

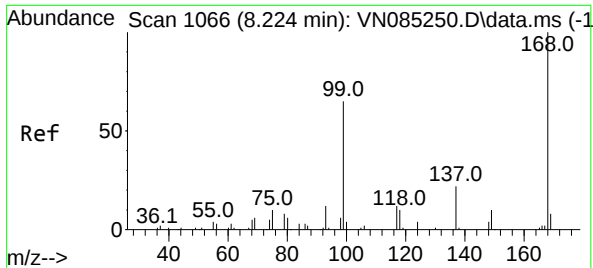
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

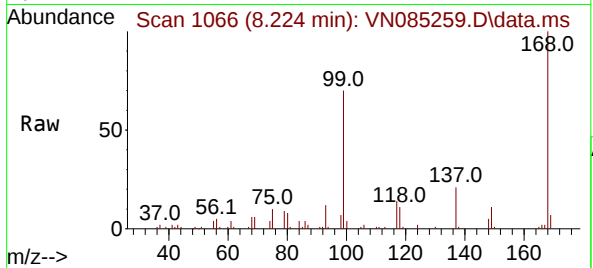
Quant Time: Dec 19 06:48:52 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
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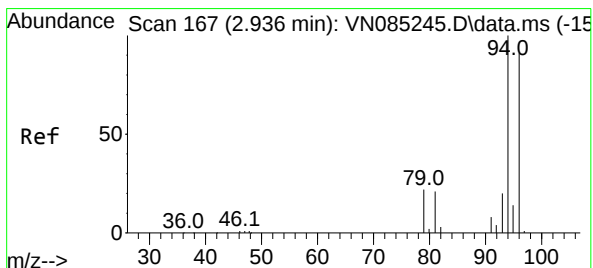
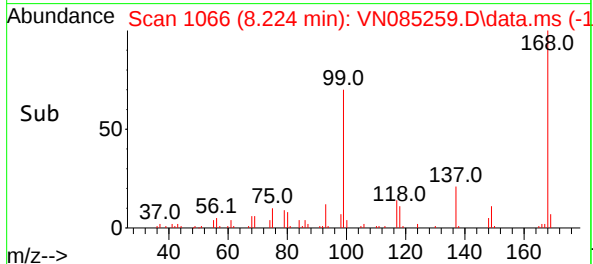
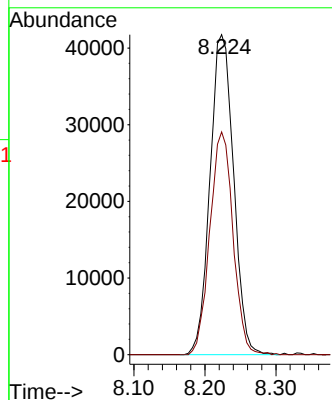


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085259.D
Acq: 18 Dec 2024 18:44

Instrument :
MSVOA_N
ClientSampleId :

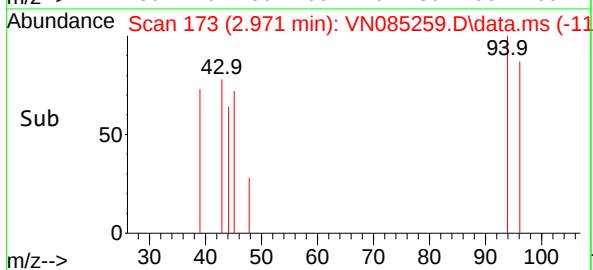
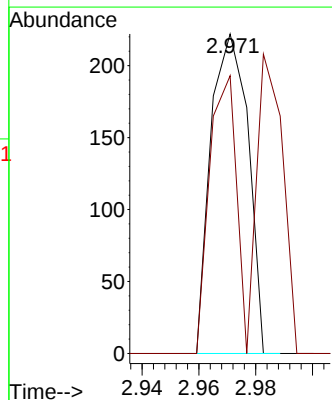
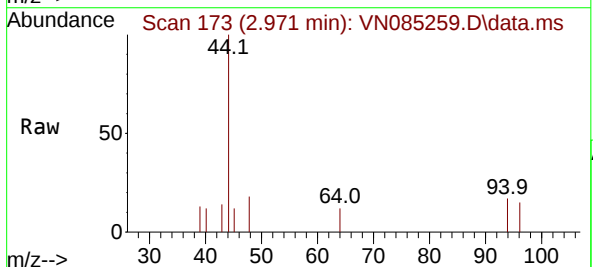


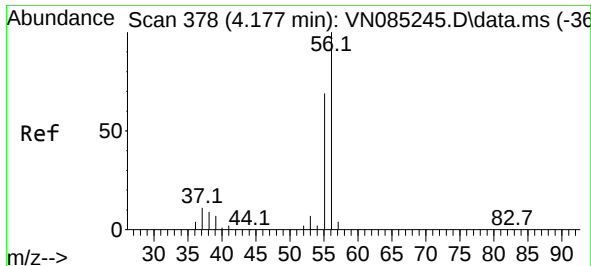
Tgt Ion:168 Resp: 96192
Ion Ratio Lower Upper
168 100
99 69.6 50.7 76.1



#5
Bromomethane
Concen: 0.225 ug/l
RT: 2.971 min Scan# 173
Delta R.T. 0.023 min
Lab File: VN085259.D
Acq: 18 Dec 2024 18:44

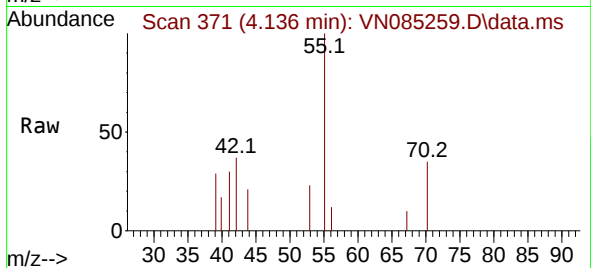
Tgt Ion: 94 Resp: 202
Ion Ratio Lower Upper
94 100
96 86.9 76.8 115.2



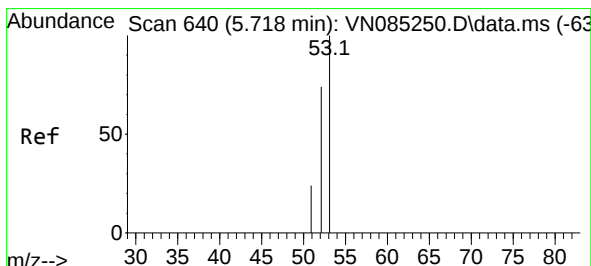
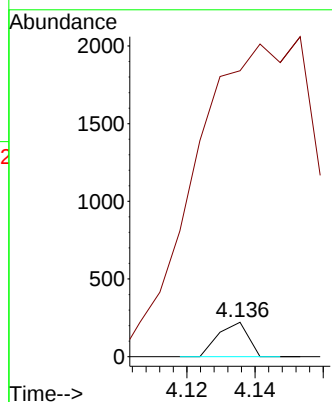
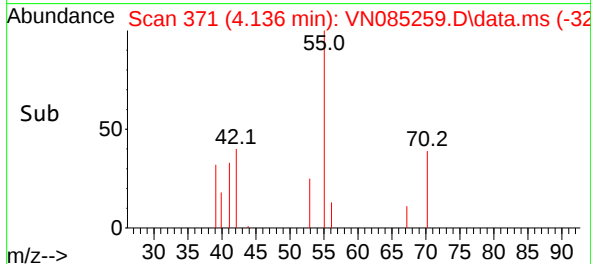


#13
Acrolein
Concen: 0.495 ug/l
RT: 4.136 min Scan# 31
Delta R.T. -0.041 min
Lab File: VN085259.D
Acq: 18 Dec 2024 18:44

Instrument :
MSVOA_N
ClientSampleId :

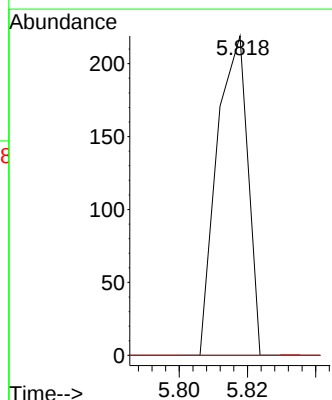
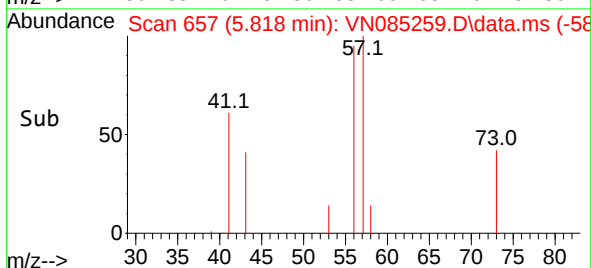
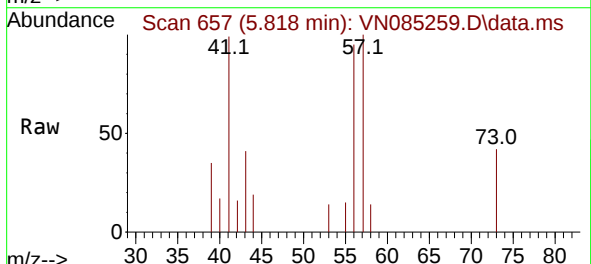


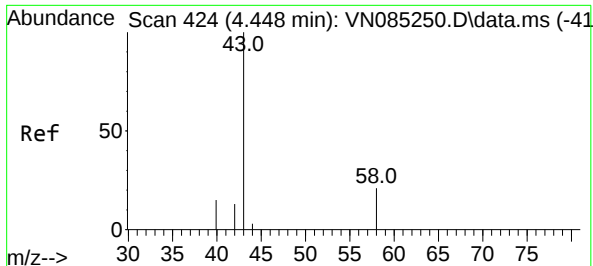
Tgt Ion: 56 Resp: 133
Ion Ratio Lower Upper
56 100
55 4524.8 59.0 88.6#



#15
Acrylonitrile
Concen: 0.217 ug/l
RT: 5.818 min Scan# 657
Delta R.T. 0.106 min
Lab File: VN085259.D
Acq: 18 Dec 2024 18:44

Tgt Ion: 53 Resp: 138
Ion Ratio Lower Upper
53 100
52 0.0 66.3 99.5#
51 0.0 28.2 42.2#

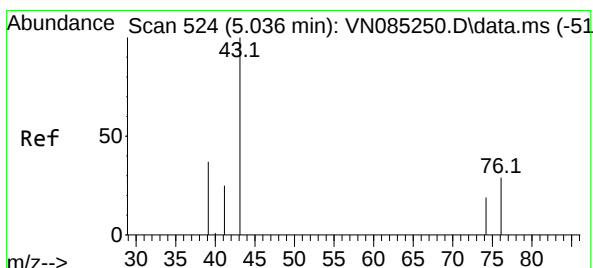
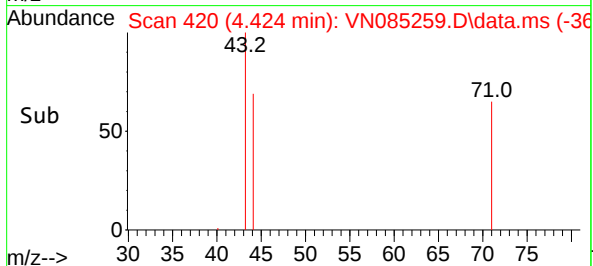
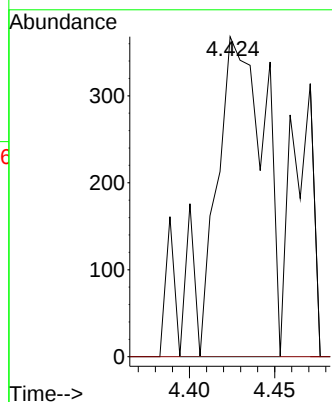
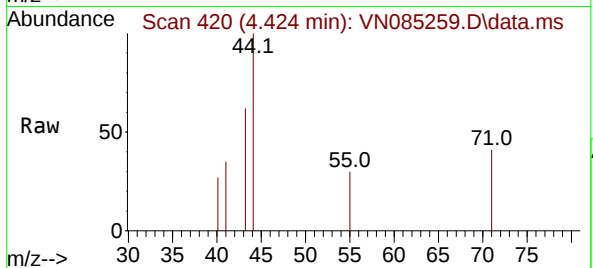




#16
Acetone
Concen: 1.306 ug/l
RT: 4.424 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN085259.D
Acq: 18 Dec 2024 18:44

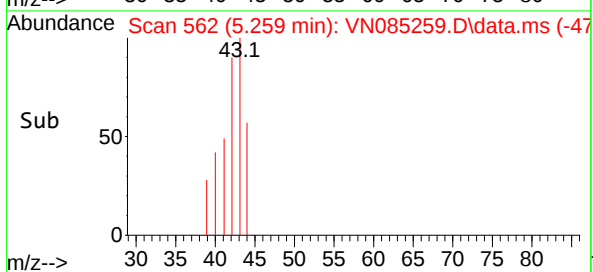
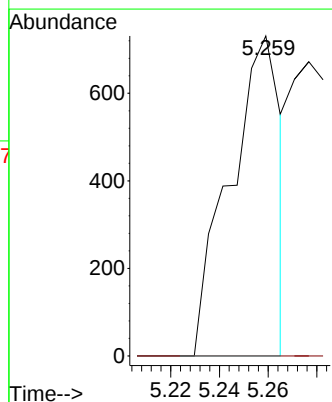
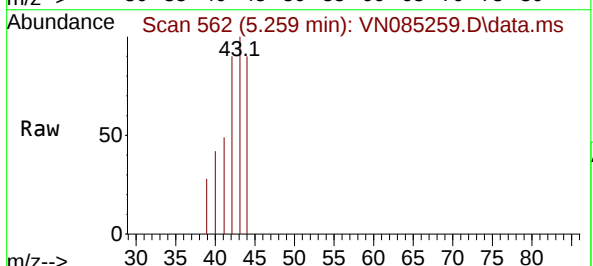
Instrument :
MSVOA_N
ClientSampleId :

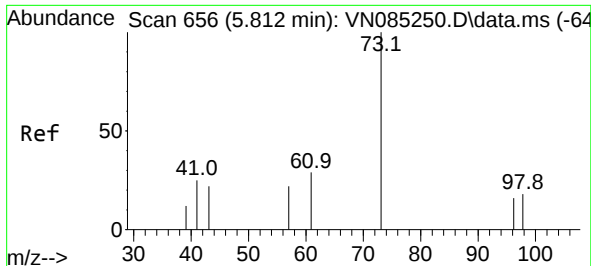
Tgt Ion: 43 Resp: 758
Ion Ratio Lower Upper
43 100
58 0.0 20.8 31.2#



#18
Methyl Acetate
Concen: 0.644 ug/l
RT: 5.259 min Scan# 562
Delta R.T. 0.241 min
Lab File: VN085259.D
Acq: 18 Dec 2024 18:44

Tgt Ion: 43 Resp: 1058
Ion Ratio Lower Upper
43 100
74 0.0 17.5 26.3#





#19

Methyl tert-butyl Ether

Concen: 0.990 ug/l

RT: 5.794 min Scan# 61

Delta R.T. -0.000 min

Lab File: VN085259.D

Acq: 18 Dec 2024 18:44

Instrument :

MSVOA_N

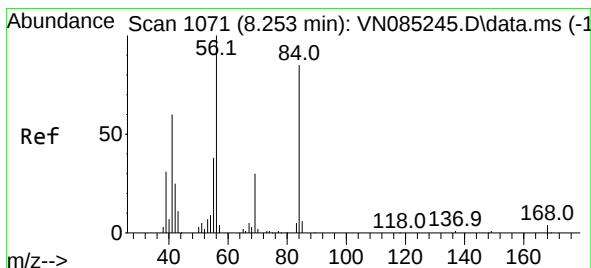
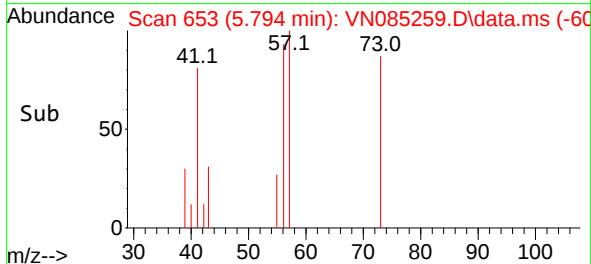
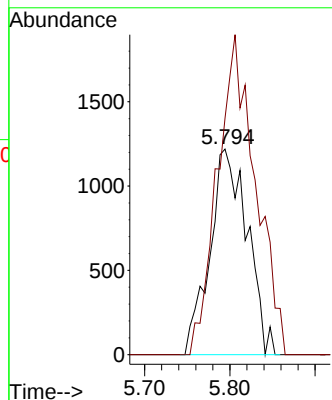
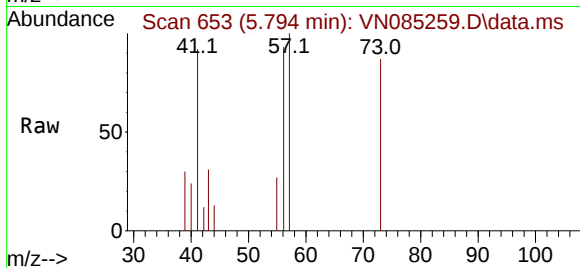
ClientSampleId :

Tgt Ion: 73 Resp: 3727

Ion Ratio Lower Upper

73 100

57 115.0 17.0 25.6#



#31

Cyclohexane

Concen: 2.966 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.036 min

Lab File: VN085259.D

Acq: 18 Dec 2024 18:44

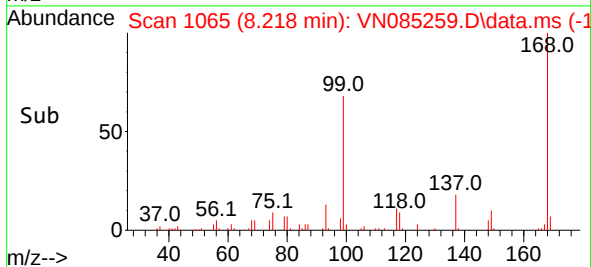
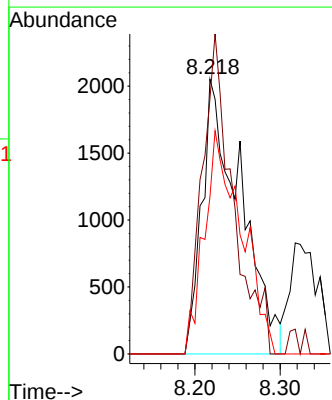
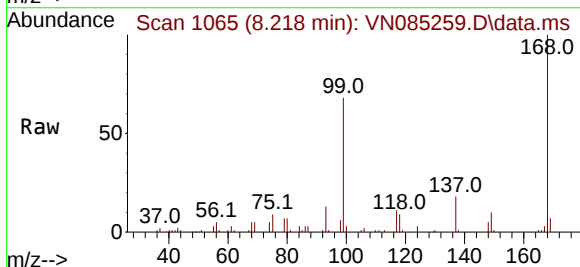
Tgt Ion: 56 Resp: 6451

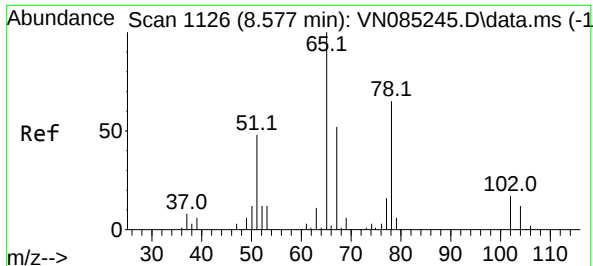
Ion Ratio Lower Upper

56 100

69 92.9 23.6 35.4#

84 57.2 66.6 99.8#





#33

1,2-Dichloroethane-d4

Concen: 51.060 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN085259.D

Acq: 18 Dec 2024 18:44

Instrument :

MSVOA_N

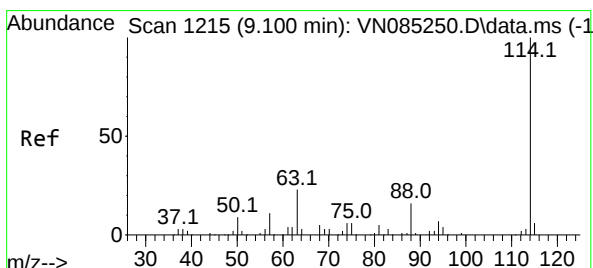
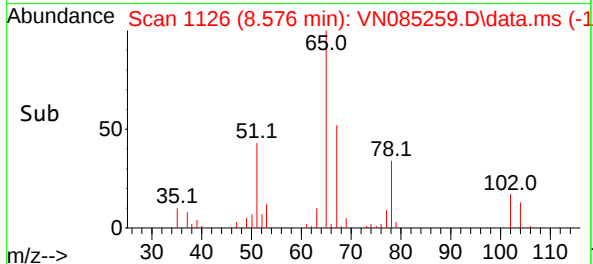
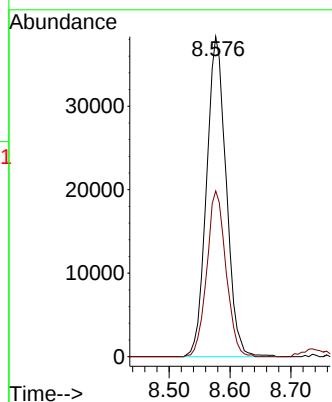
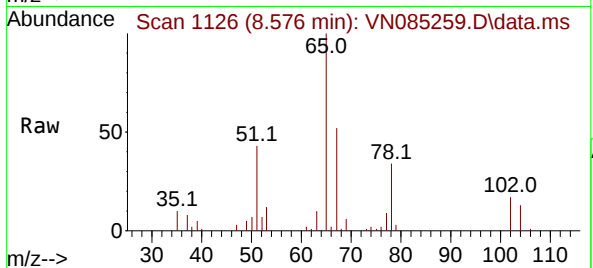
ClientSampleId :

Tgt Ion: 65 Resp: 85847

Ion Ratio Lower Upper

65 100

67 50.5 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN085259.D

Acq: 18 Dec 2024 18:44

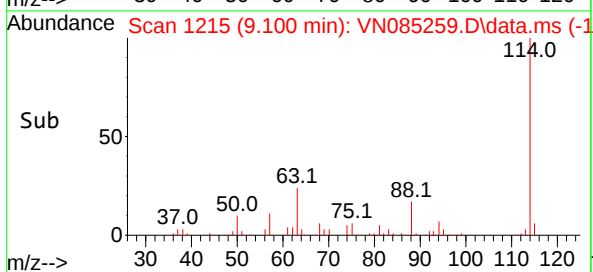
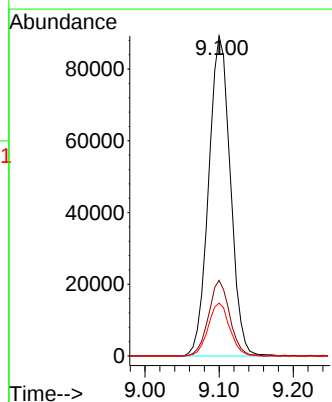
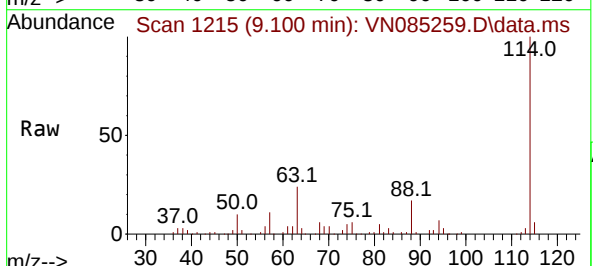
Tgt Ion: 114 Resp: 181407

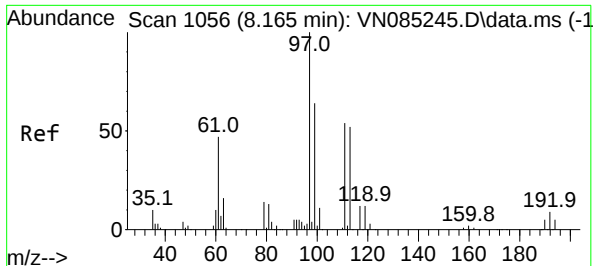
Ion Ratio Lower Upper

114 100

63 23.6 0.0 46.2

88 16.5 0.0 32.6





#35

Dibromofluoromethane

Concen: 48.258 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN085259.D

Acq: 18 Dec 2024 18:44

Instrument :

MSVOA_N

ClientSampleId :

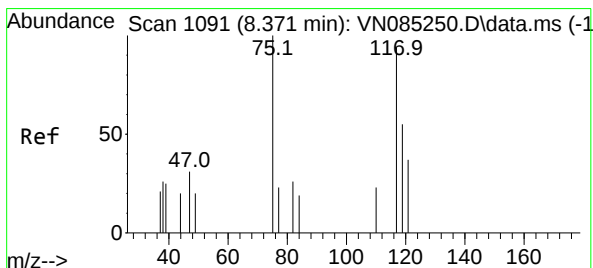
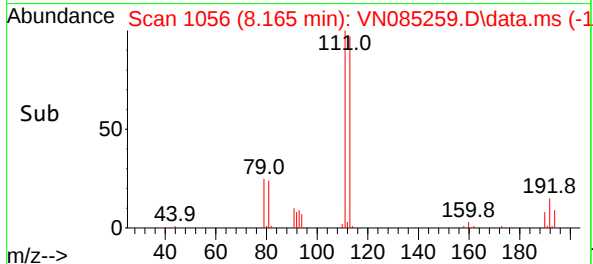
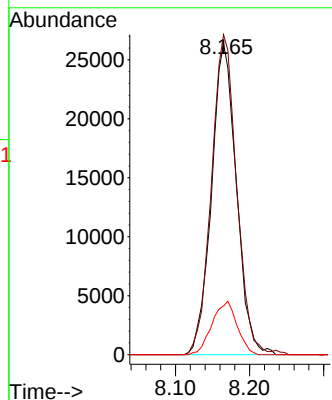
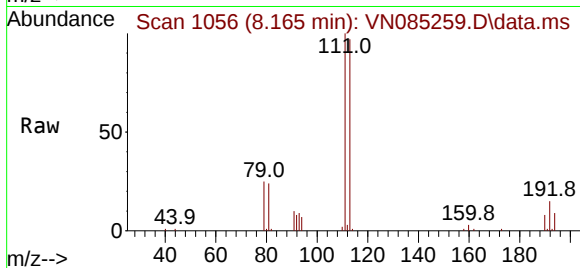
Tgt Ion:113 Resp: 61548

Ion Ratio Lower Upper

113 100

111 103.5 82.1 123.1

192 17.2 13.4 20.0



#36

1,1-Dichloropropene

Concen: 5.432 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN085259.D

Acq: 18 Dec 2024 18:44

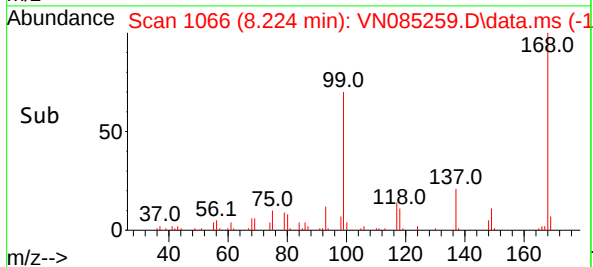
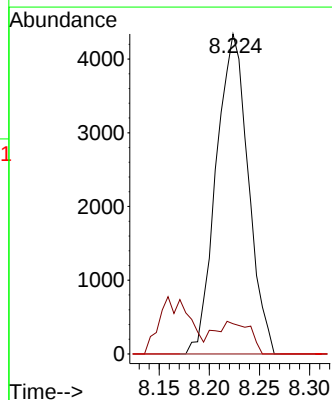
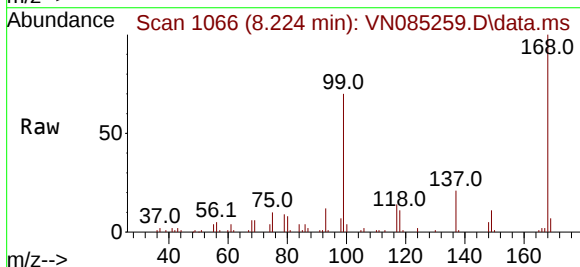
Tgt Ion: 75 Resp: 9646

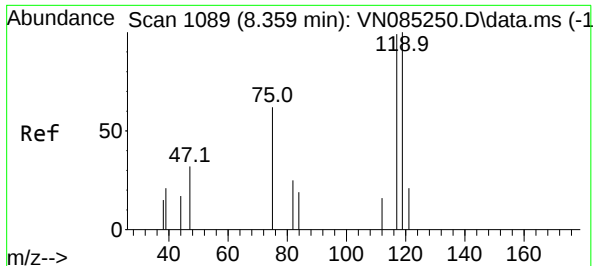
Ion Ratio Lower Upper

75 100

110 11.2 16.0 48.0#

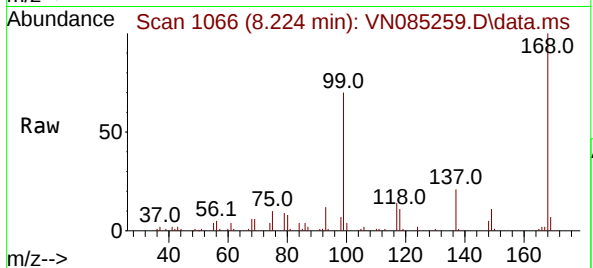
77 0.0 24.6 36.8#



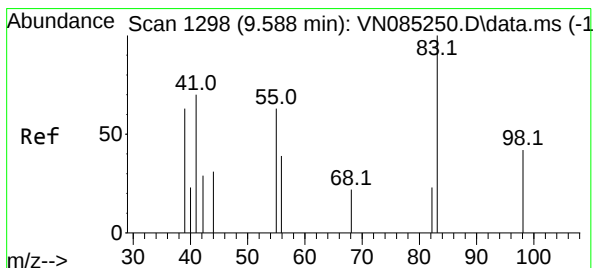
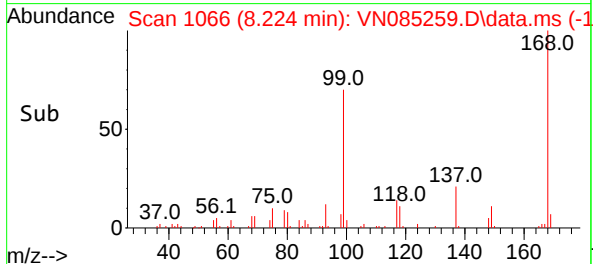
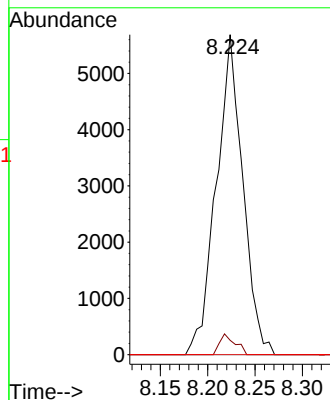


#38
Carbon Tetrachloride
Concen: 5.160 ug/l
RT: 8.224 min Scan# 11080
Delta R.T. -0.136 min
Lab File: VN085259.D
Acq: 18 Dec 2024 18:44

Instrument :
MSVOA_N
ClientSampleId :

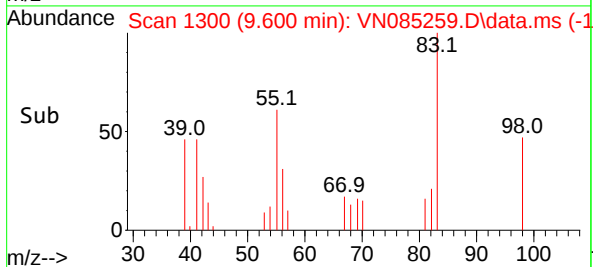
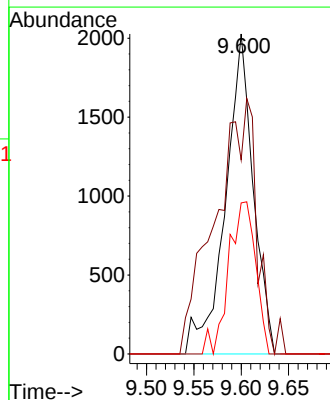
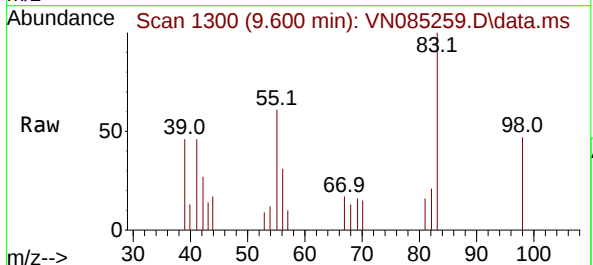


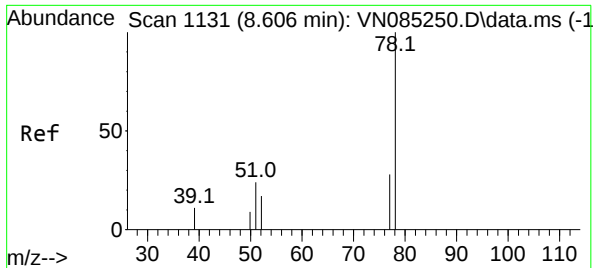
Tgt Ion:117 Resp: 11080
Ion Ratio Lower Upper
117 100
119 4.5 74.8 112.2#
121 0.0 24.2 36.4#



#39
Methylcyclohexane
Concen: 2.234 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VN085259.D
Acq: 18 Dec 2024 18:44

Tgt Ion: 83 Resp: 4128
Ion Ratio Lower Upper
83 100
55 60.6 66.8 100.2#
98 47.2 39.4 59.2

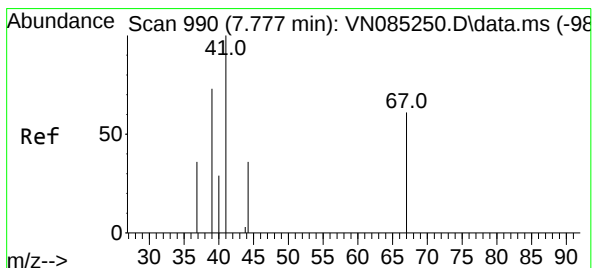
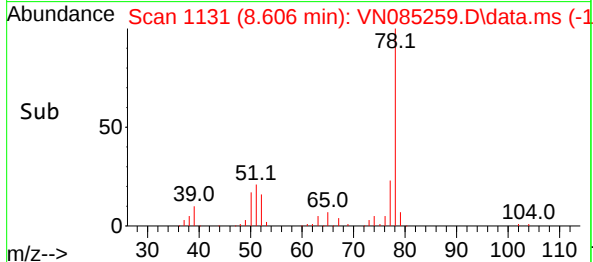
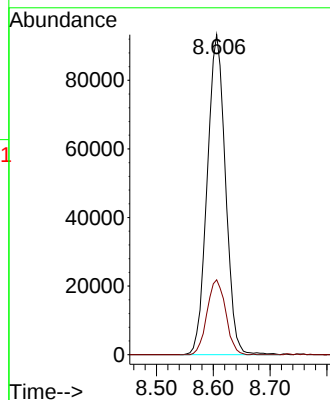
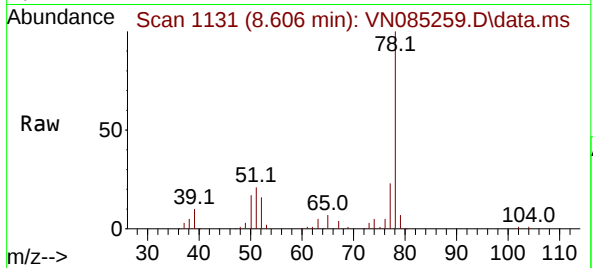




#40
Benzene
Concen: 37.618 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VN085259.D
Acq: 18 Dec 2024 18:44

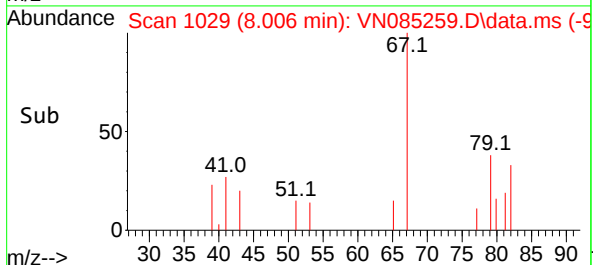
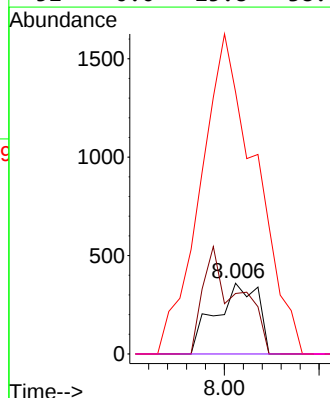
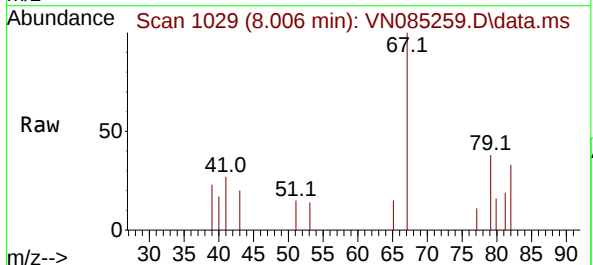
Instrument :
MSVOA_N
ClientSampleId :

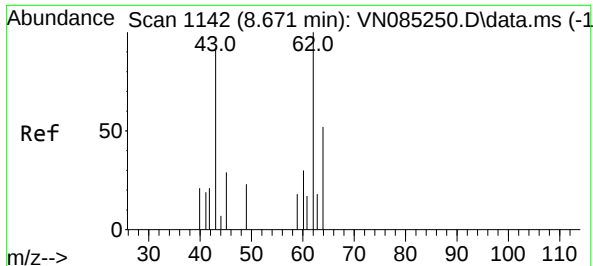
Tgt Ion: 78 Resp: 207830
Ion Ratio Lower Upper
78 100
77 23.4 18.9 28.3



#41
Methacrylonitrile
Concen: 0.536 ug/l
RT: 8.006 min Scan# 1029
Delta R.T. 0.229 min
Lab File: VN085259.D
Acq: 18 Dec 2024 18:44

Tgt Ion: 41 Resp: 560
Ion Ratio Lower Upper
41 100
39 125.5 44.0 66.0#
67 591.8 56.0 84.0#
52 0.0 25.8 38.6#

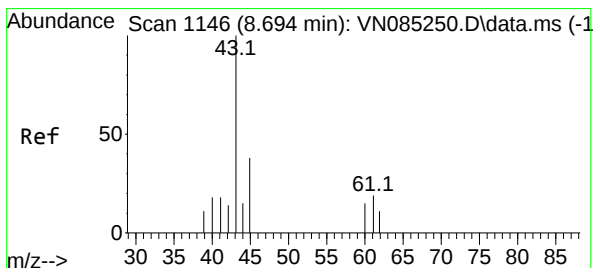
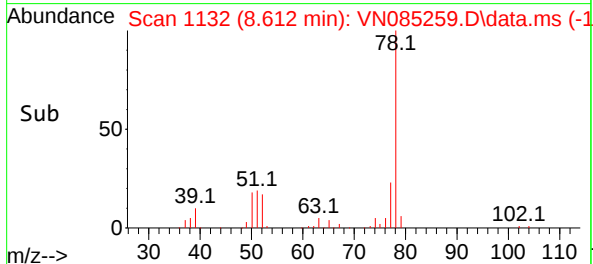
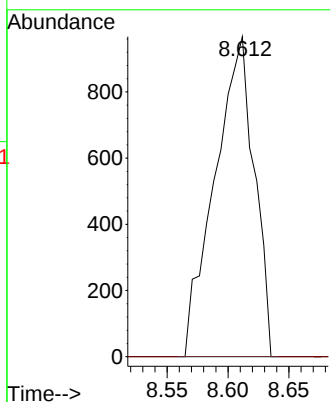
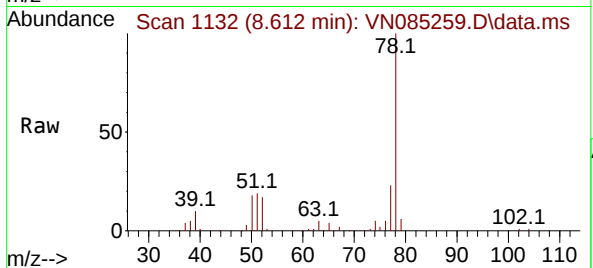




#42
1,2-Dichloroethane
Concen: 1.035 ug/l
RT: 8.612 min Scan# 1142
Delta R.T. -0.053 min
Lab File: VN085259.D
Acq: 18 Dec 2024 18:44

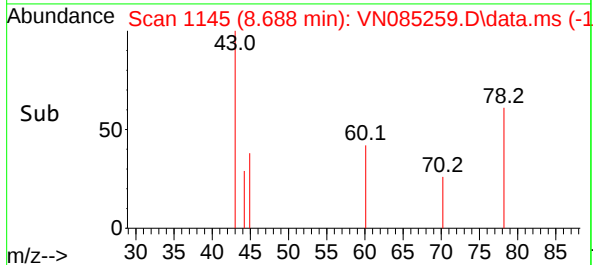
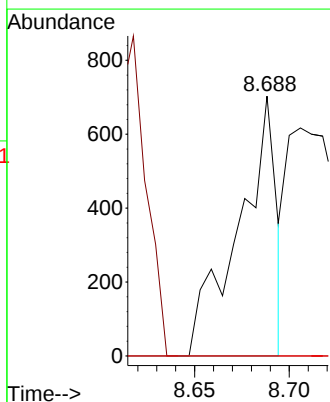
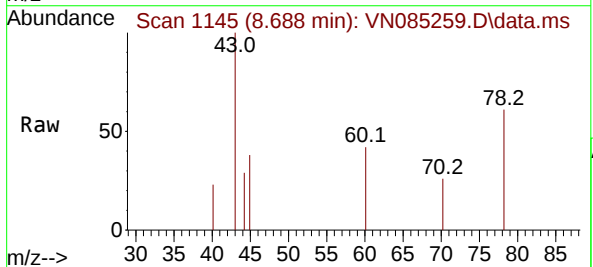
Instrument :
MSVOA_N
ClientSampleId :

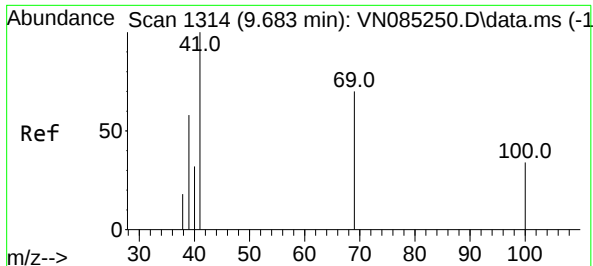
Tgt Ion: 62 Resp: 2178
Ion Ratio Lower Upper
62 100
98 0.0 0.0 16.4



#43
Isopropyl Acetate
Concen: 0.261 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN085259.D
Acq: 18 Dec 2024 18:44

Tgt Ion: 43 Resp: 977
Ion Ratio Lower Upper
43 100
61 0.0 19.0 28.4#
87 0.0 9.3 13.9#





#48

Methyl methacrylate

Concen: 1.853 ug/l

RT: 9.594 min Scan# 1299

Delta R.T. -0.083 min

Lab File: VN085259.D

Acq: 18 Dec 2024 18:44

Instrument :

MSVOA_N

ClientSampleId :

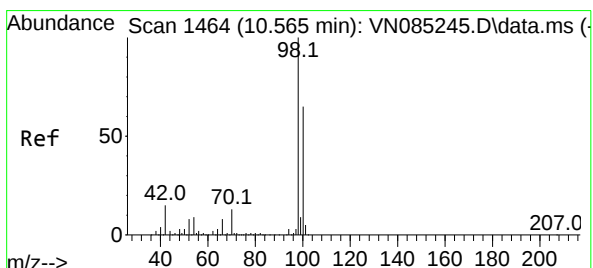
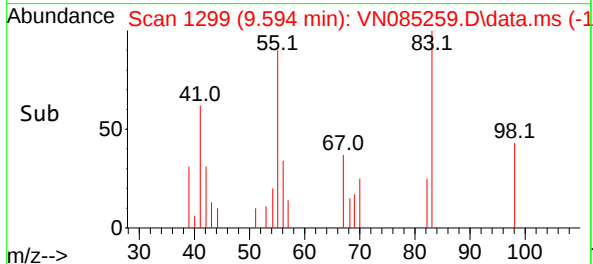
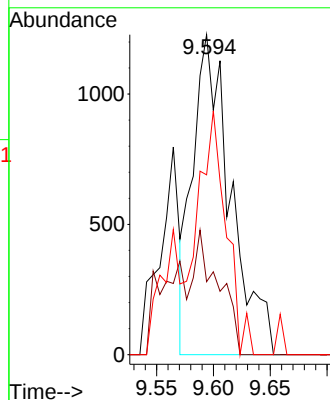
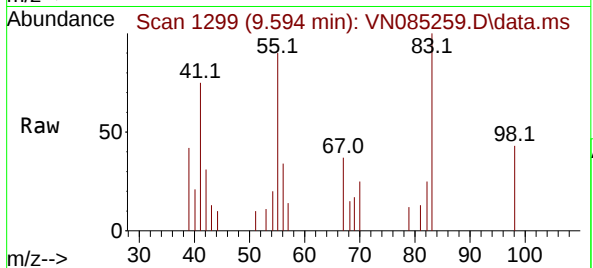
Tgt Ion: 41 Resp: 2846

Ion Ratio Lower Upper

41 100

69 25.7 61.0 91.4#

39 58.1 49.8 74.8



#50

Toluene-d8

Concen: 48.652 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN085259.D

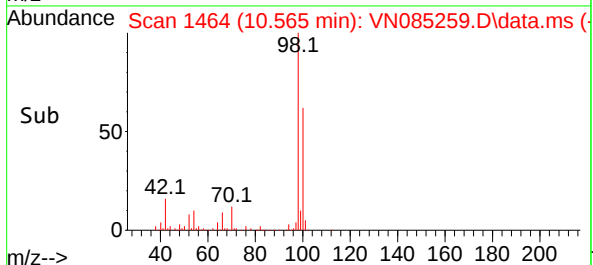
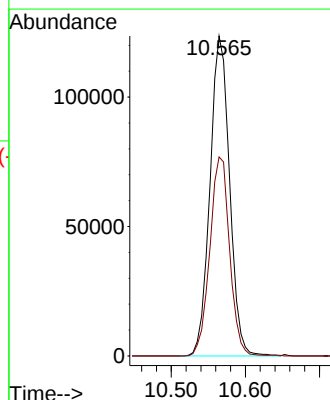
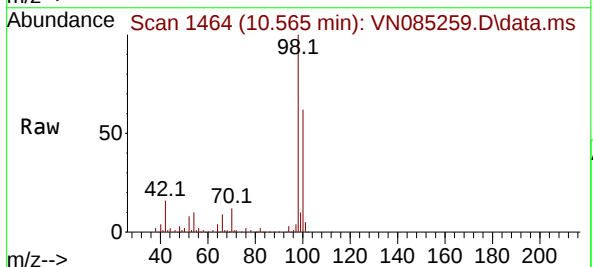
Acq: 18 Dec 2024 18:44

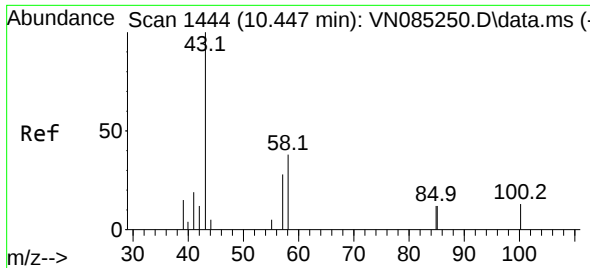
Tgt Ion: 98 Resp: 226792

Ion Ratio Lower Upper

98 100

100 62.9 51.6 77.4

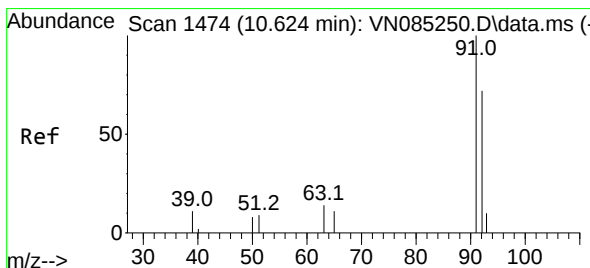
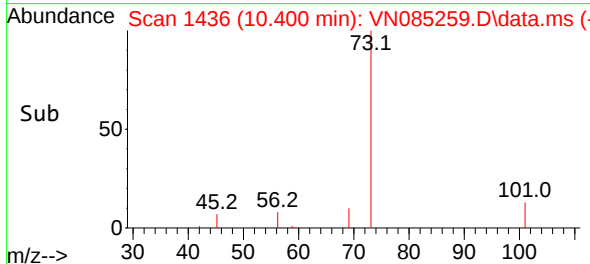
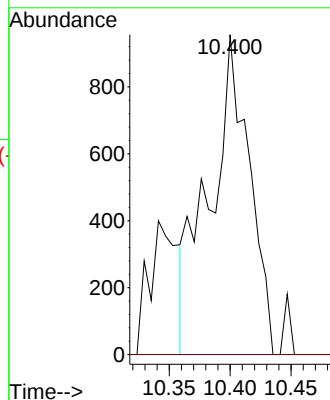
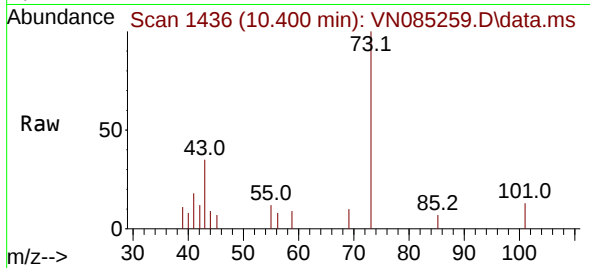




#51
4-Methyl-2-Pentanone
Concen: 1.109 ug/l
RT: 10.400 min Scan# 1436
Delta R.T. -0.041 min
Lab File: VN085259.D
Acq: 18 Dec 2024 18:44

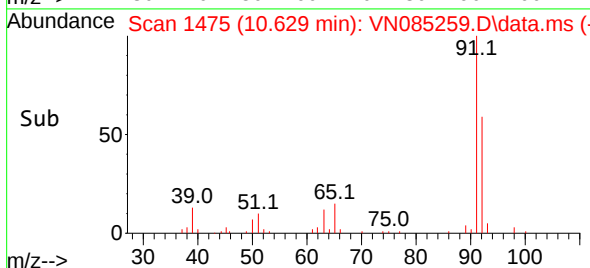
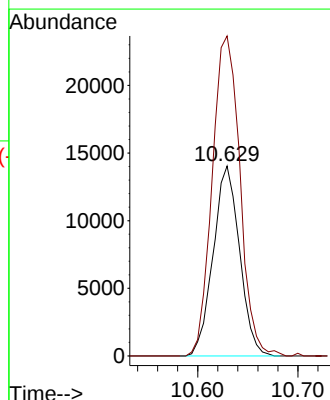
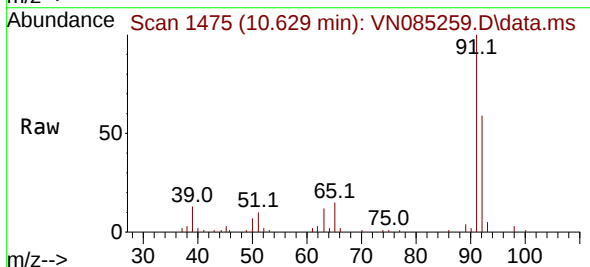
Instrument :
MSVOA_N
ClientSampleId :

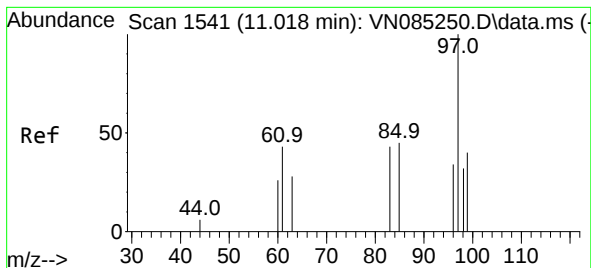
Tgt Ion: 43 Resp: 2184
Ion Ratio Lower Upper
43 100
58 0.0 29.4 44.2#



#52
Toluene
Concen: 7.722 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN085259.D
Acq: 18 Dec 2024 18:44

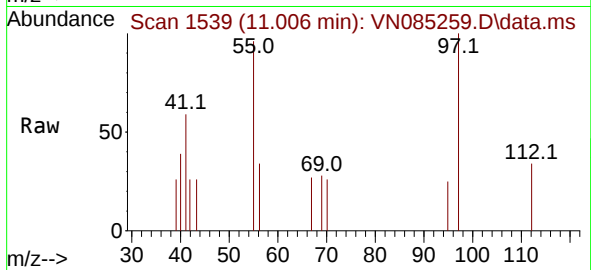
Tgt Ion: 92 Resp: 25654
Ion Ratio Lower Upper
92 100
91 177.2 138.9 208.3



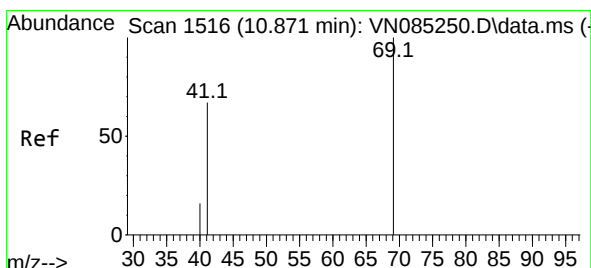
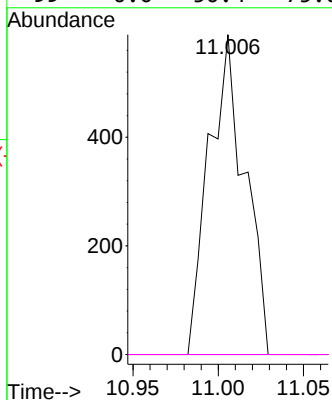
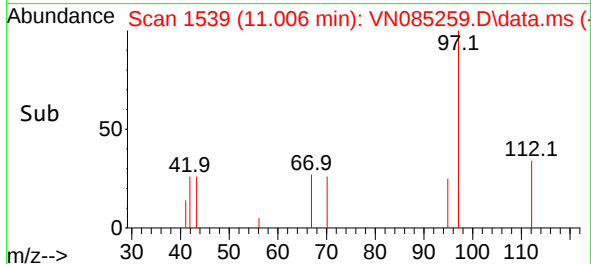


#55
1,1,2-Trichloroethane
Concen: 0.695 ug/l
RT: 11.006 min Scan# 1494
Delta R.T. -0.006 min
Lab File: VN085259.D
Acq: 18 Dec 2024 18:44

Instrument :
MSVOA_N
ClientSampleId :

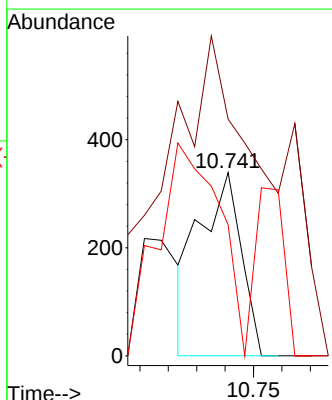
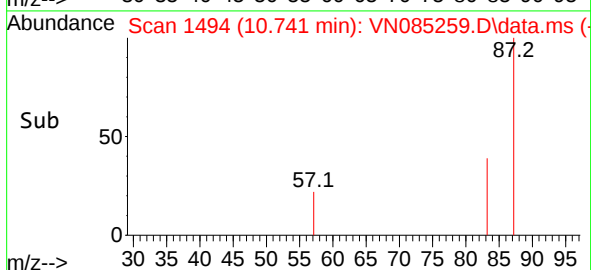
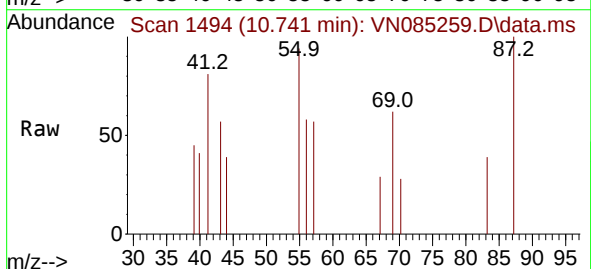


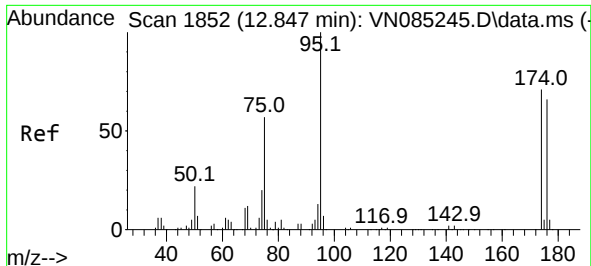
Tgt Ion: 97	Resp: 865
Ion Ratio	Lower Upper
97 100	
83 0.0	69.6 104.4#
85 0.0	45.7 68.5#
99 0.0	50.4 75.6#



#56
Ethyl methacrylate
Concen: 2.376 ug/l
RT: 10.741 min Scan# 1494
Delta R.T. -0.130 min
Lab File: VN085259.D
Acq: 18 Dec 2024 18:44

Tgt Ion: 69	Resp: 346
Ion Ratio	Lower Upper
69 100	
41 439.9	57.5 86.3#
39 63.0	33.4 50.2#

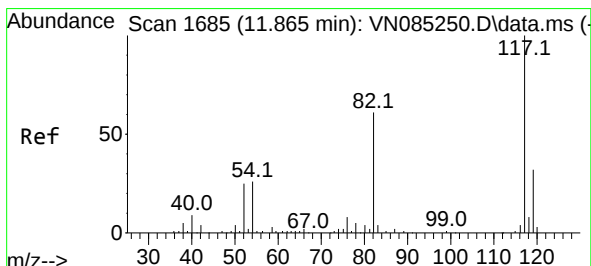
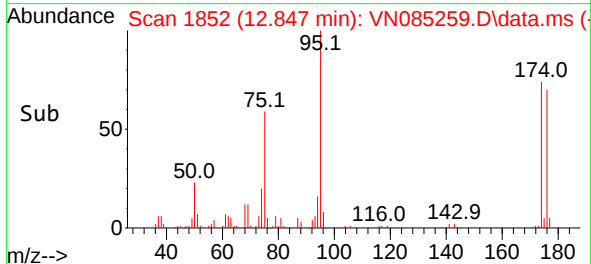
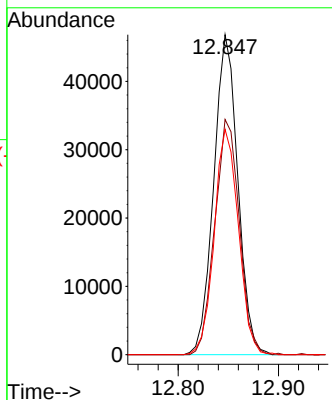
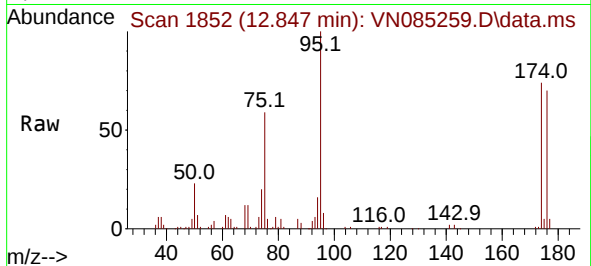




#62
4-Bromofluorobenzene
Concen: 46.892 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085259.D
Acq: 18 Dec 2024 18:44

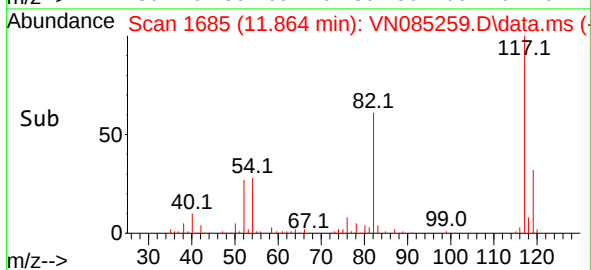
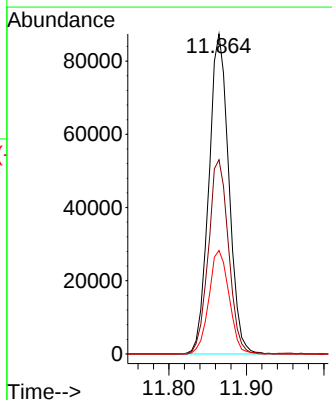
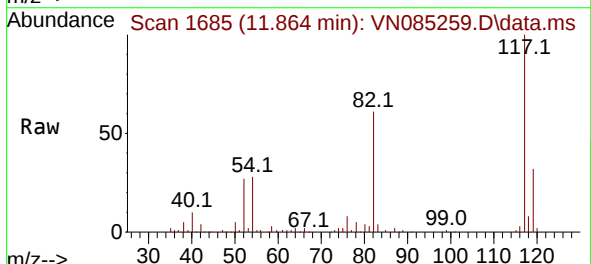
Instrument :
MSVOA_N
ClientSampleId :

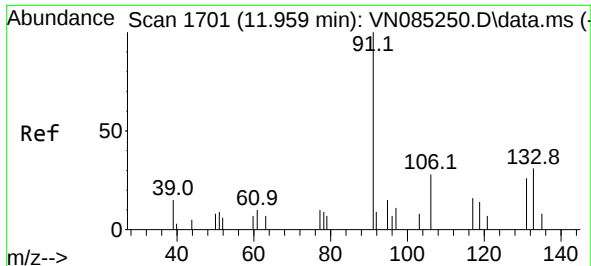
Tgt Ion: 95 Resp: 78073
Ion Ratio Lower Upper
95 100
174 75.2 0.0 144.4
176 70.9 0.0 136.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.864 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN085259.D
Acq: 18 Dec 2024 18:44

Tgt Ion: 117 Resp: 156548
Ion Ratio Lower Upper
117 100
82 60.7 47.4 71.2
119 32.4 25.6 38.4





#67

Ethyl Benzene

Concen: 12.842 ug/l

RT: 11.964 min Scan# 1719

Delta R.T. 0.006 min

Lab File: VN085259.D

Acq: 18 Dec 2024 18:44

Instrument :

MSVOA_N

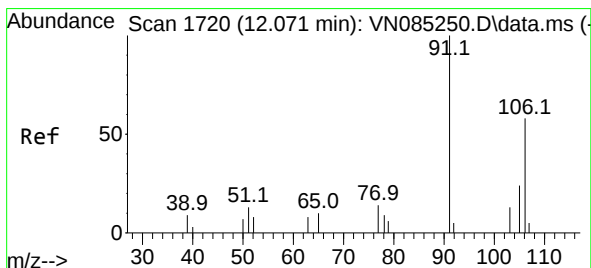
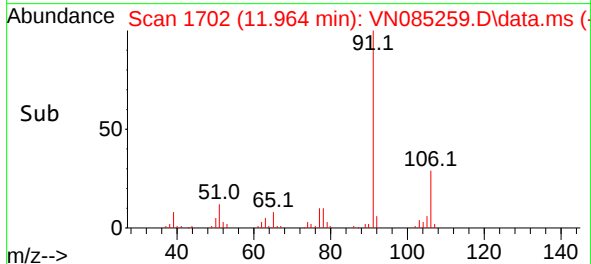
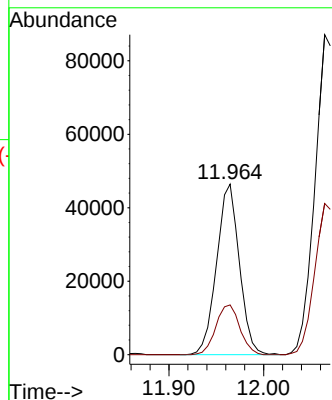
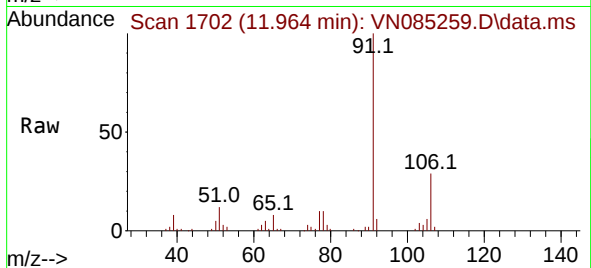
ClientSampleId :

Tgt Ion: 91 Resp: 77456

Ion Ratio Lower Upper

91 100

106 29.2 23.5 35.3



#68

m/p-Xylenes

Concen: 35.218 ug/l

RT: 12.064 min Scan# 1719

Delta R.T. -0.006 min

Lab File: VN085259.D

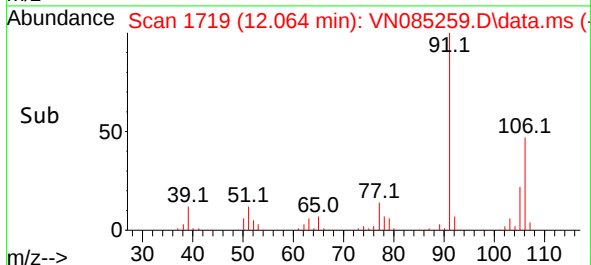
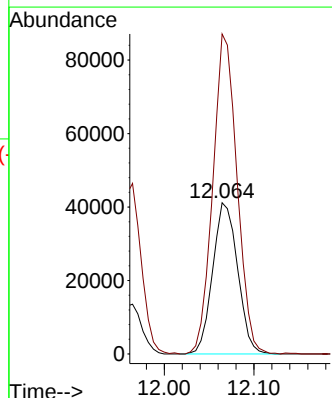
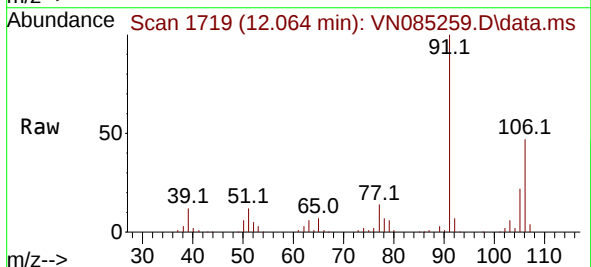
Acq: 18 Dec 2024 18:44

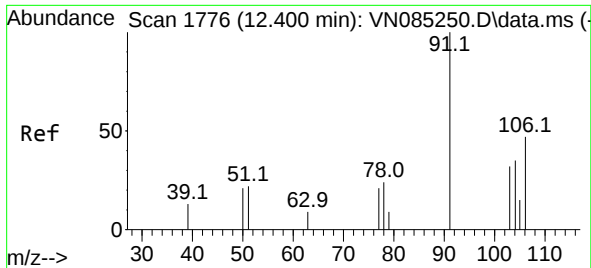
Tgt Ion:106 Resp: 79448

Ion Ratio Lower Upper

106 100

91 205.4 168.3 252.5

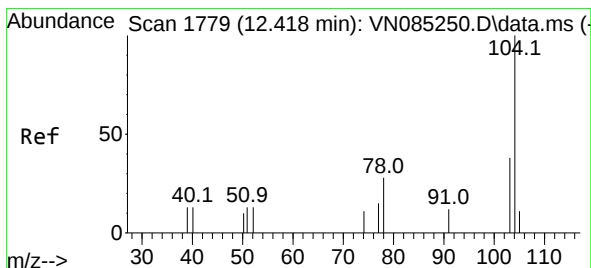
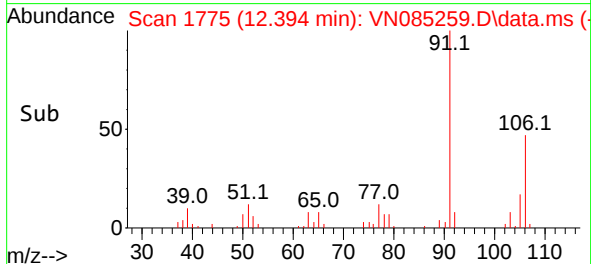
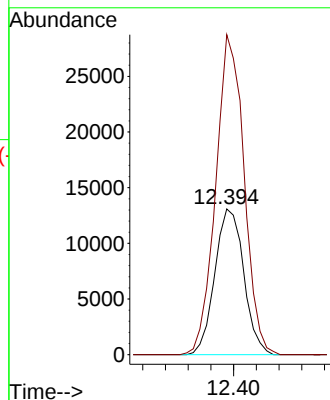
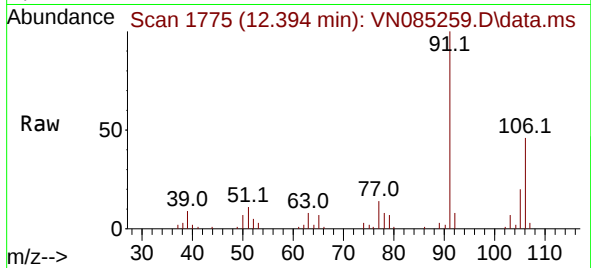




#69
o-Xylene
Concen: 10.909 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN085259.D
Acq: 18 Dec 2024 18:44

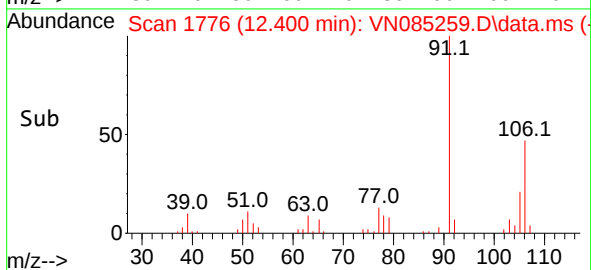
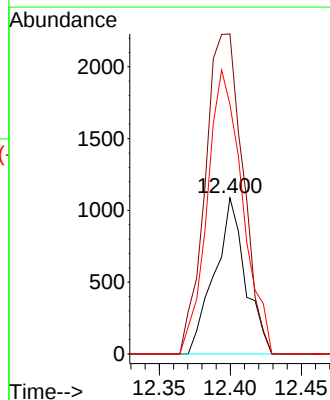
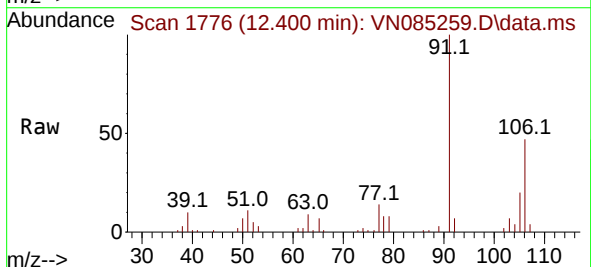
Instrument :
MSVOA_N
ClientSampleId :

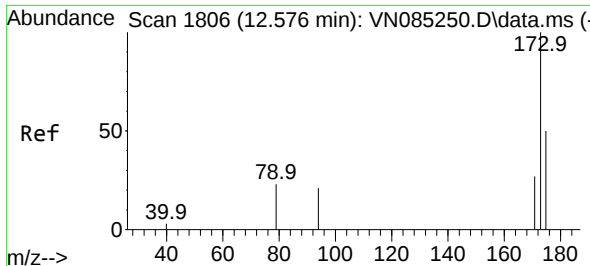
Tgt Ion:106 Resp: 23131
Ion Ratio Lower Upper
106 100
91 215.1 112.1 336.2



#70
Styrene
Concen: 0.461 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.012 min
Lab File: VN085259.D
Acq: 18 Dec 2024 18:44

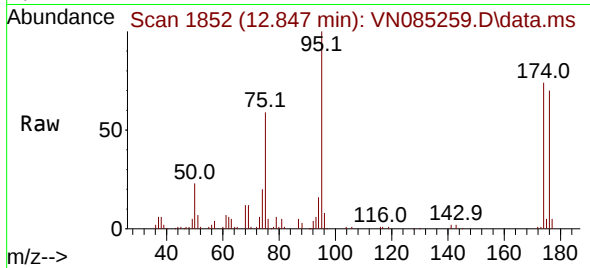
Tgt Ion:104 Resp: 1633
Ion Ratio Lower Upper
104 100
78 252.2 43.2 64.8#
103 209.6 44.6 66.8#



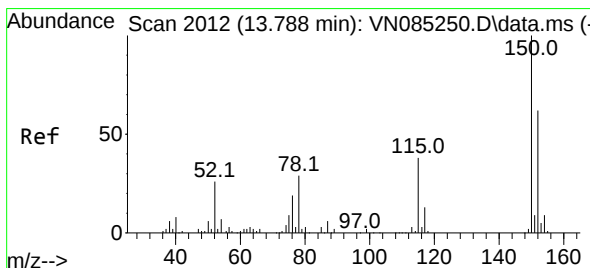
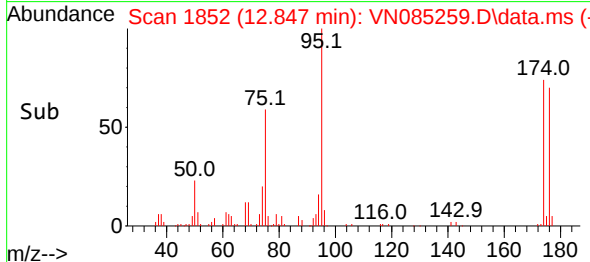
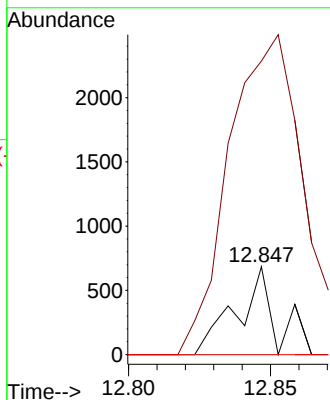


#71
Bromoform
Concen: 0.551 ug/l
RT: 12.847 min Scan# 1806
Delta R.T. 0.270 min
Lab File: VN085259.D
Acq: 18 Dec 2024 18:44

Instrument :
MSVOA_N
ClientSampleId :

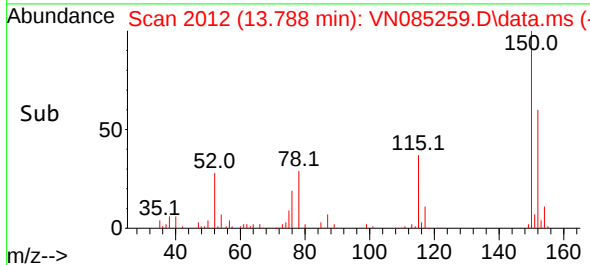
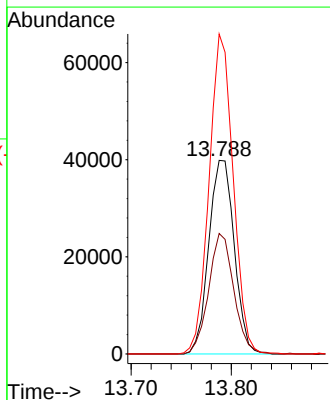
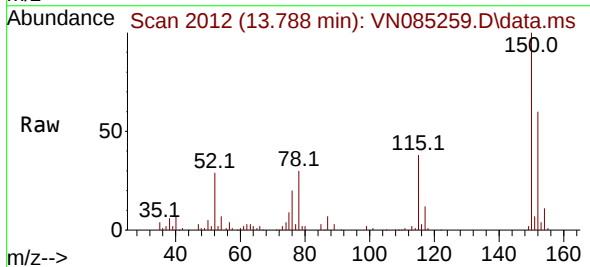


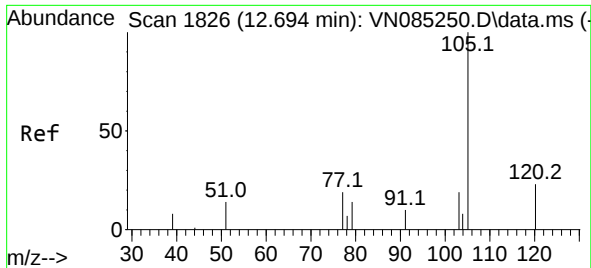
Tgt Ion:173 Resp: 530
Ion Ratio Lower Upper
173 100
175 0.0 24.5 73.5#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085259.D
Acq: 18 Dec 2024 18:44

Tgt Ion:152 Resp: 70463
Ion Ratio Lower Upper
152 100
115 61.4 32.1 96.3
150 156.2 0.0 354.6

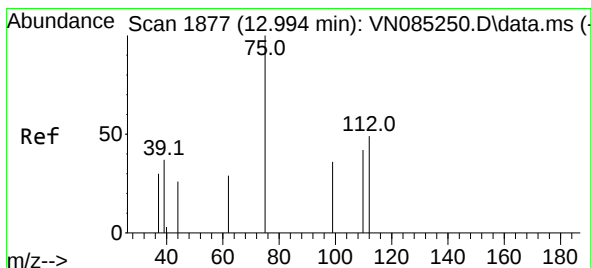
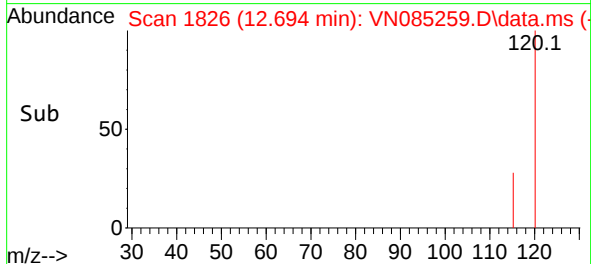
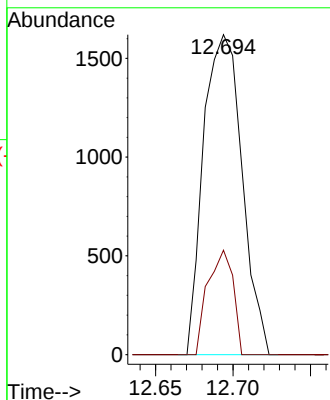
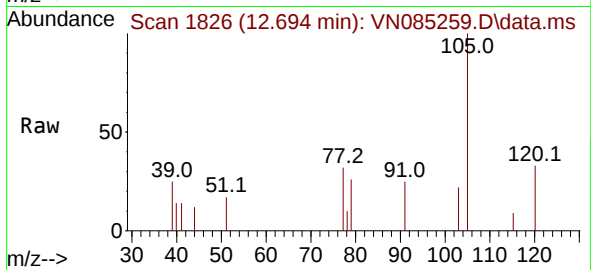




#73
Isopropylbenzene
Concen: 0.551 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN085259.D
Acq: 18 Dec 2024 18:44

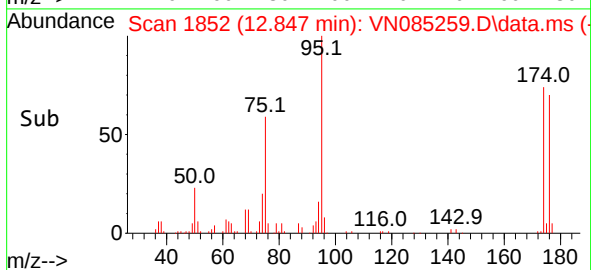
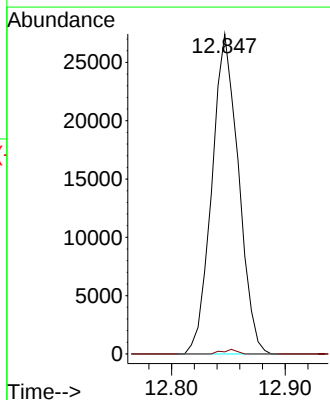
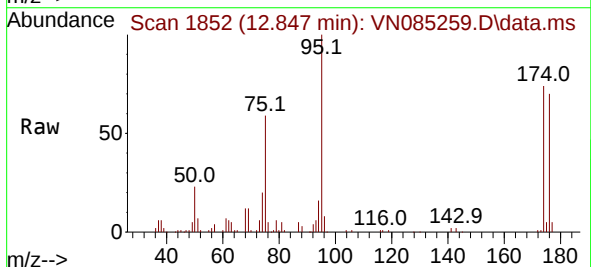
Instrument :
MSVOA_N
ClientSampleId :

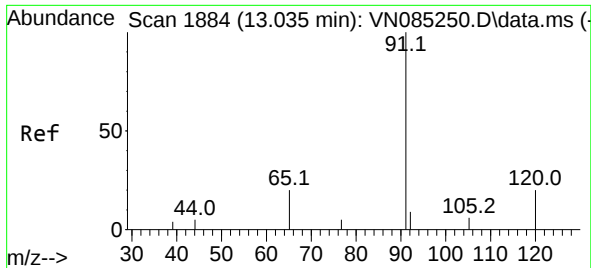
Tgt Ion:105 Resp: 2803
Ion Ratio Lower Upper
105 100
120 21.4 13.0 38.9



#76
1,2,3-Trichloropropane
Concen: 26.632 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN085259.D
Acq: 18 Dec 2024 18:44

Tgt Ion: 75 Resp: 44732
Ion Ratio Lower Upper
75 100
77 0.8 102.6 307.7#

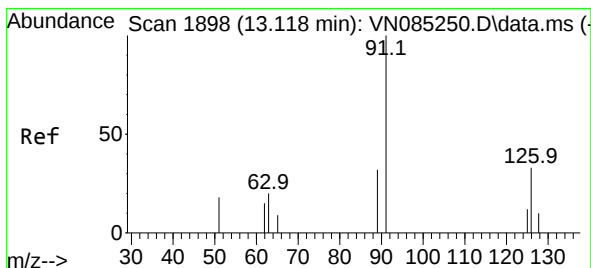
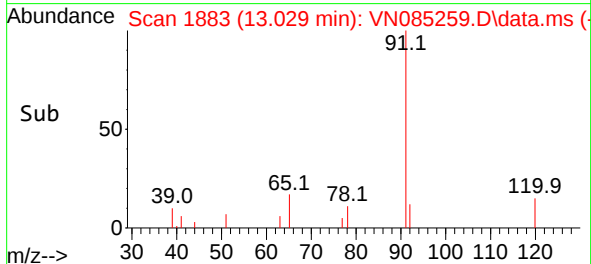
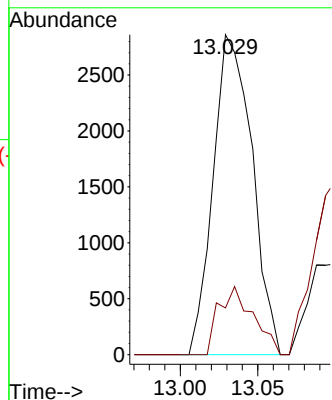
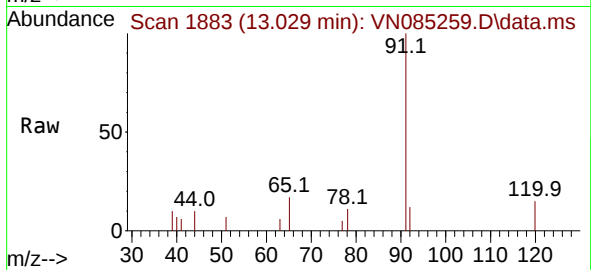




#78
n-propylbenzene
Concen: 0.800 ug/l
RT: 13.029 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN085259.D
Acq: 18 Dec 2024 18:44

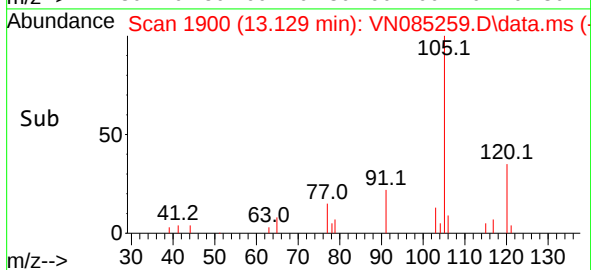
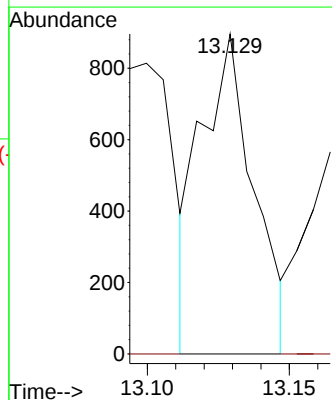
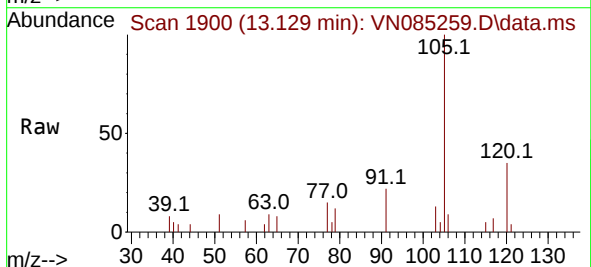
Instrument :
MSVOA_N
ClientSampleId :

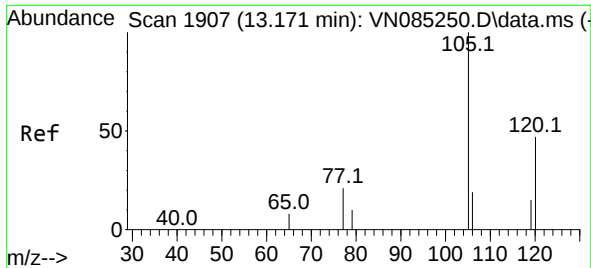
Tgt Ion: 91 Resp: 4990
Ion Ratio Lower Upper
91 100
120 18.8 10.8 32.3



#79
2-Chlorotoluene
Concen: 0.292 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.006 min
Lab File: VN085259.D
Acq: 18 Dec 2024 18:44

Tgt Ion: 91 Resp: 1156
Ion Ratio Lower Upper
91 100
126 0.0 15.2 45.5#

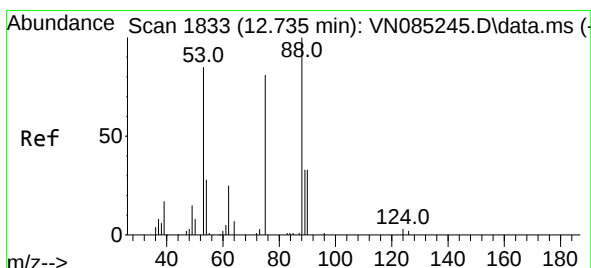
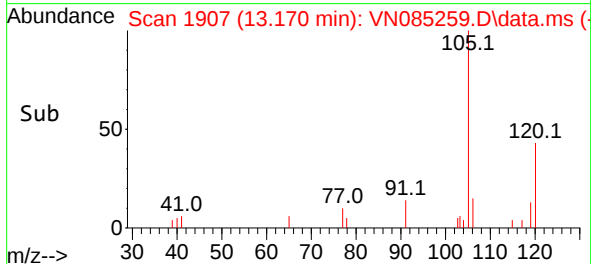
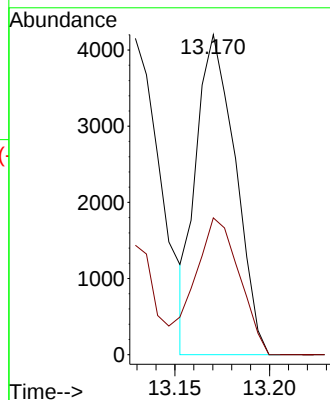
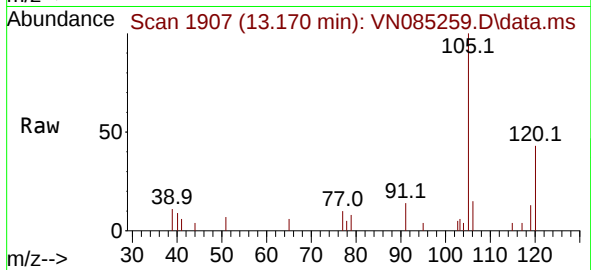




#80
1,3,5-Trimethylbenzene
Concen: 1.425 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN085259.D
Acq: 18 Dec 2024 18:44

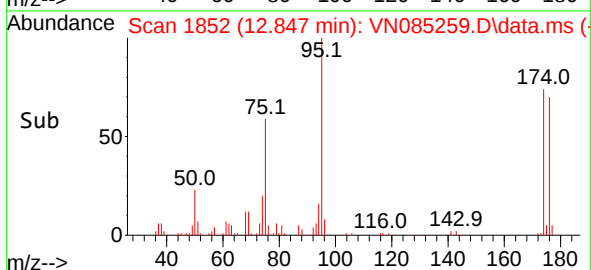
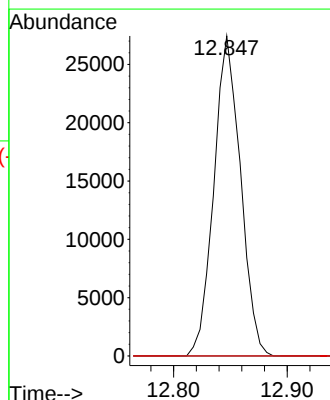
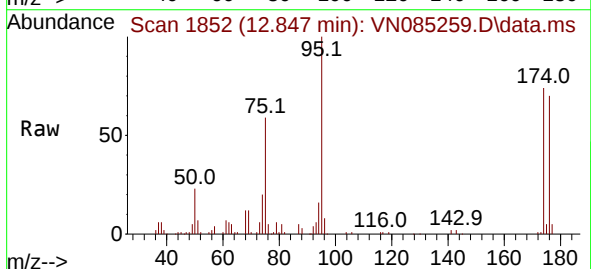
Instrument :
MSVOA_N
ClientSampleId :

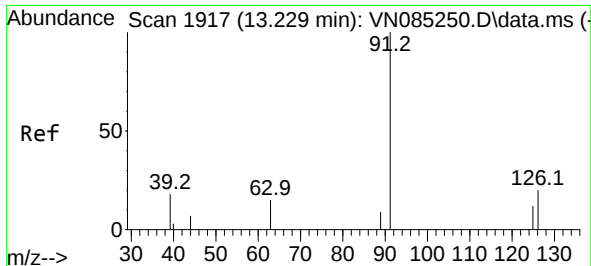
Tgt Ion:105 Resp: 6041
Ion Ratio Lower Upper
105 100
120 48.9 23.4 70.2



#81
trans-1,4-Dichloro-2-butene
Concen: 70.718 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN085259.D
Acq: 18 Dec 2024 18:44

Tgt Ion: 75 Resp: 44732
Ion Ratio Lower Upper
75 100
53 0.0 84.9 127.3#
89 0.0 37.9 56.9#

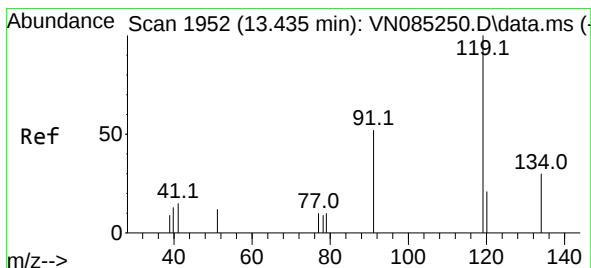
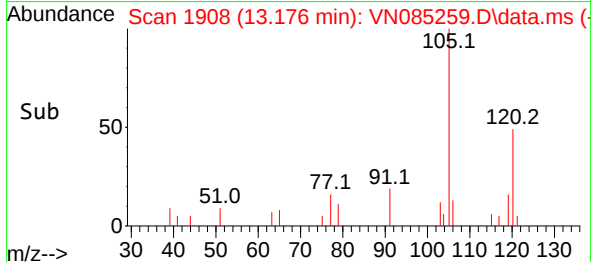
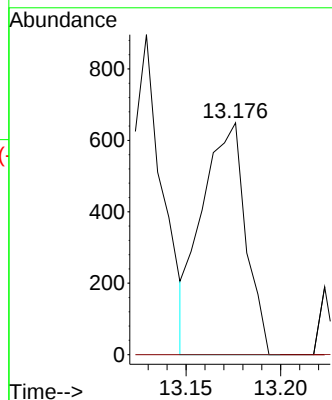
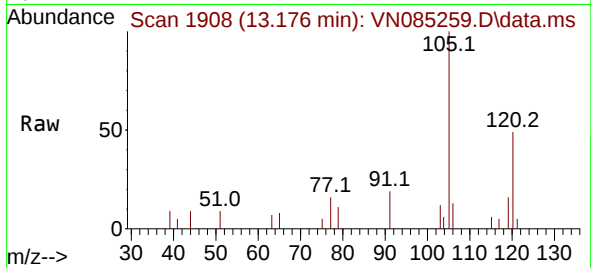




#82
4-Chlorotoluene
Concen: 0.260 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.041 min
Lab File: VN085259.D
Acq: 18 Dec 2024 18:44

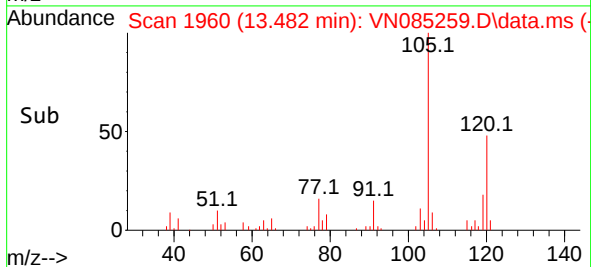
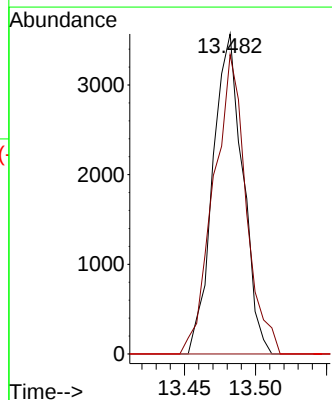
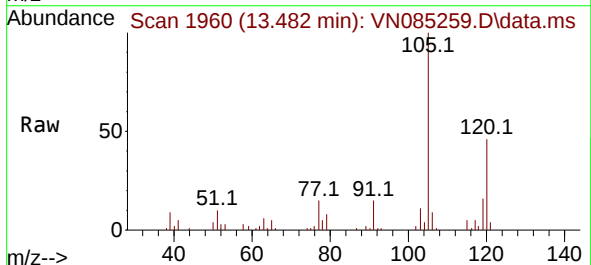
Instrument :
MSVOA_N
ClientSampleId :

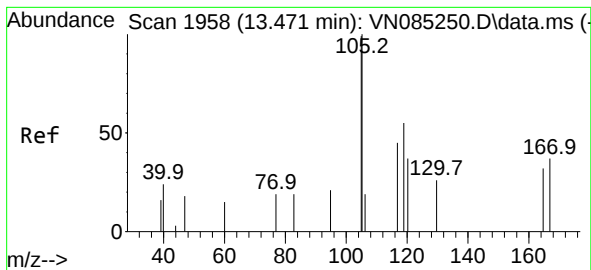
Tgt Ion: 91 Resp: 1043
Ion Ratio Lower Upper
91 100
126 0.0 15.6 46.8#



#83
tert-Butylbenzene
Concen: 1.454 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.047 min
Lab File: VN085259.D
Acq: 18 Dec 2024 18:44

Tgt Ion: 119 Resp: 5227
Ion Ratio Lower Upper
119 100
91 101.5 36.3 108.7
134 0.0 12.2 36.6#





#84

1,2,4-Trimethylbenzene

Concen: 8.877 ug/l

RT: 13.482 min Scan# 1958

Delta R.T. -0.000 min

Lab File: VN085259.D

Acq: 18 Dec 2024 18:44

Instrument :

MSVOA_N

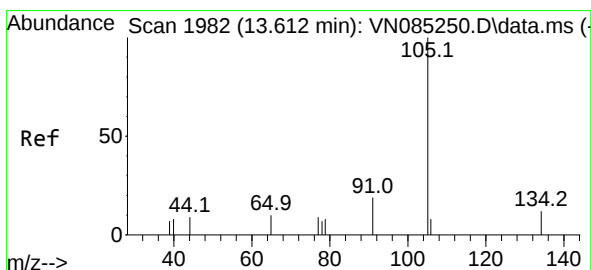
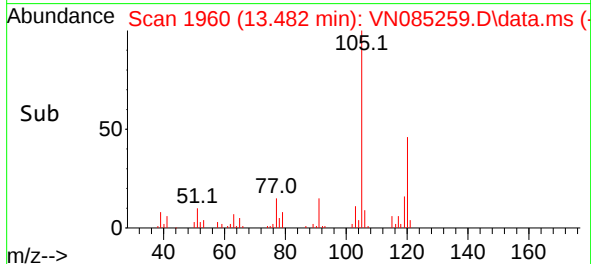
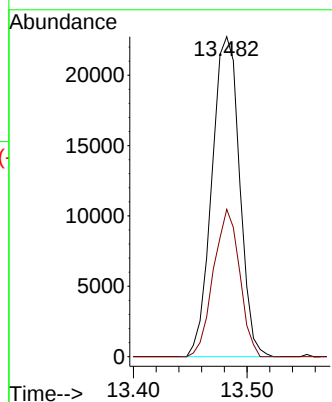
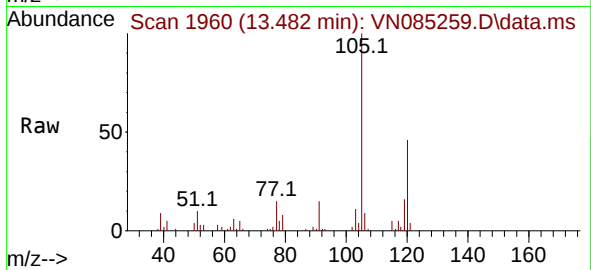
ClientSampleId :

Tgt Ion:105 Resp: 38472

Ion Ratio Lower Upper

105 100

120 43.5 21.8 65.3



#85

sec-Butylbenzene

Concen: 7.675 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.130 min

Lab File: VN085259.D

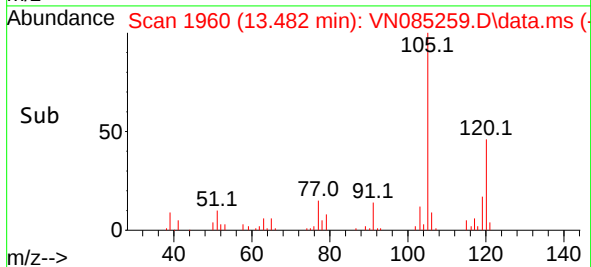
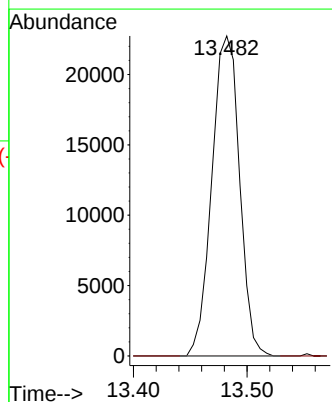
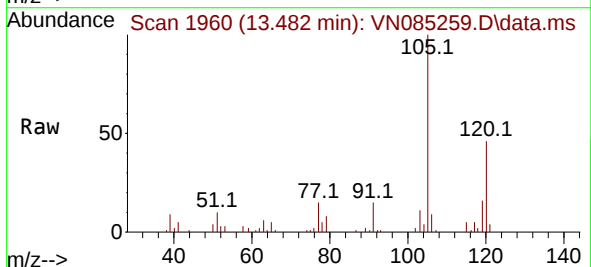
Acq: 18 Dec 2024 18:44

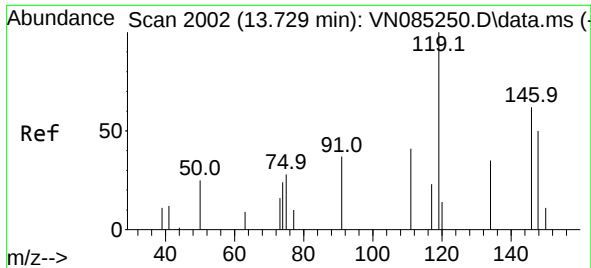
Tgt Ion:105 Resp: 38472

Ion Ratio Lower Upper

105 100

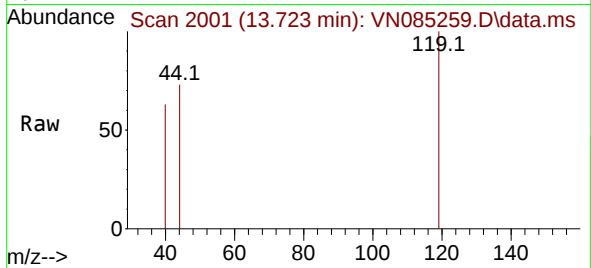
134 0.0 9.4 28.3#



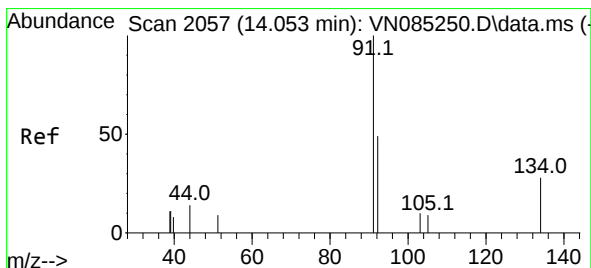
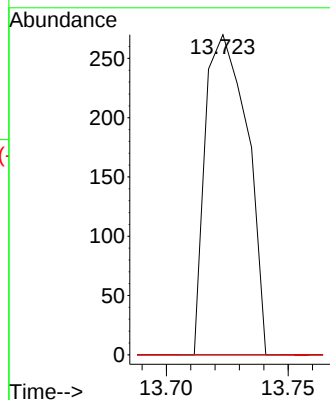
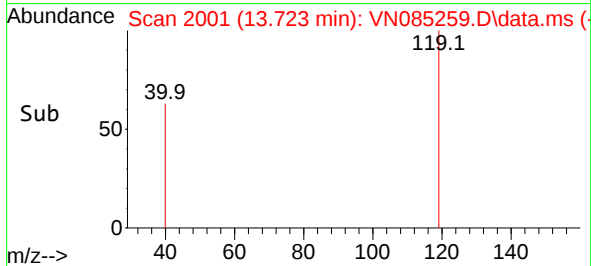


#86
p-Isopropyltoluene
Concen: 2.011 ug/l
RT: 13.723 min Scan# 2001
Delta R.T. -0.006 min
Lab File: VN085259.D
Acq: 18 Dec 2024 18:44

Instrument :
MSVOA_N
ClientSampleId :

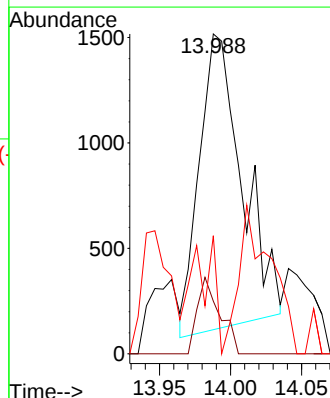
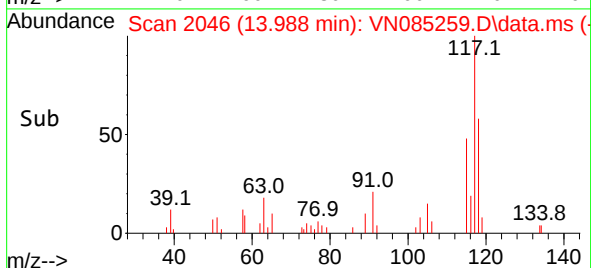
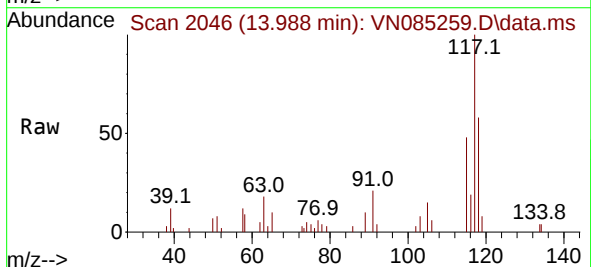


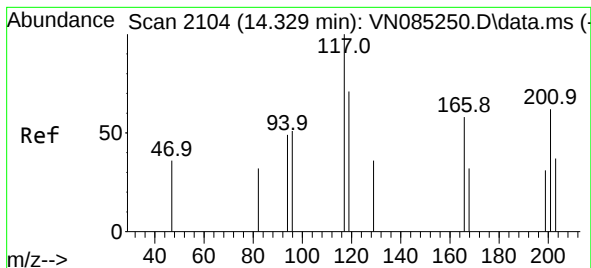
Tgt Ion:119 Resp: 323
Ion Ratio Lower Upper
119 100
134 0.0 12.5 37.5#
91 0.0 13.0 38.9#



#89
n-Butylbenzene
Concen: 0.797 ug/l
RT: 13.988 min Scan# 2046
Delta R.T. -0.065 min
Lab File: VN085259.D
Acq: 18 Dec 2024 18:44

Tgt Ion: 91 Resp: 2938
Ion Ratio Lower Upper
91 100
92 13.7 25.8 77.3#
134 19.6 12.0 36.0





#90

Hexachloroethane

Concen: 0.736 ug/l

RT: 14.323 min Scan# 2103

Delta R.T. -0.012 min

Lab File: VN085259.D

Acq: 18 Dec 2024 18:44

Instrument :

MSVOA_N

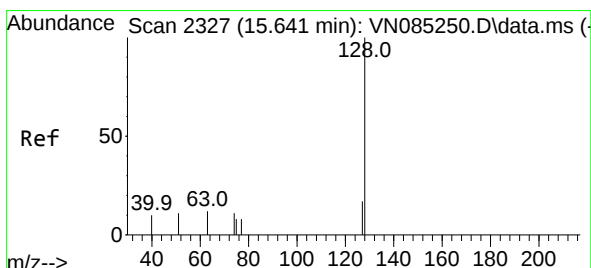
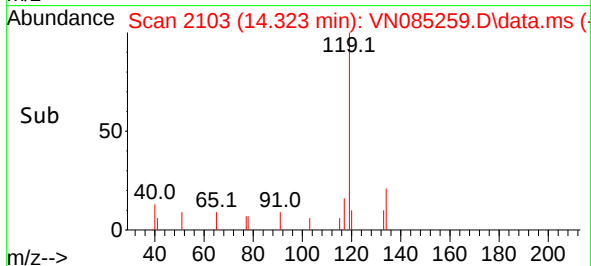
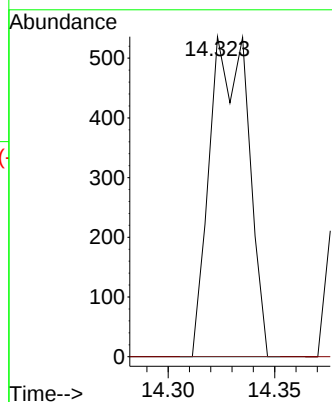
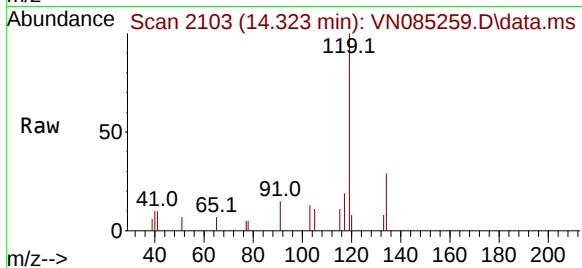
ClientSampleId :

Tgt Ion:117 Resp: 678

Ion Ratio Lower Upper

117 100

201 0.0 31.9 95.7#



#95

Naphthalene

Concen: 2.187 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. 0.006 min

Lab File: VN085259.D

Acq: 18 Dec 2024 18:44

Tgt Ion:128 Resp: 8473

Ion Ratio Lower Upper

128 100

127 12.4 10.3 15.5

129 14.7 8.6 13.0#

