

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122123\
 Data File : VN080572.D
 Acq On : 21 Dec 2023 14:40
 Operator : JC\MD
 Sample : 05896-02DL 20X
 Misc : 5.07g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 22 04:00:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 13 01:57:14 2023
 Response via : Initial Calibration

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

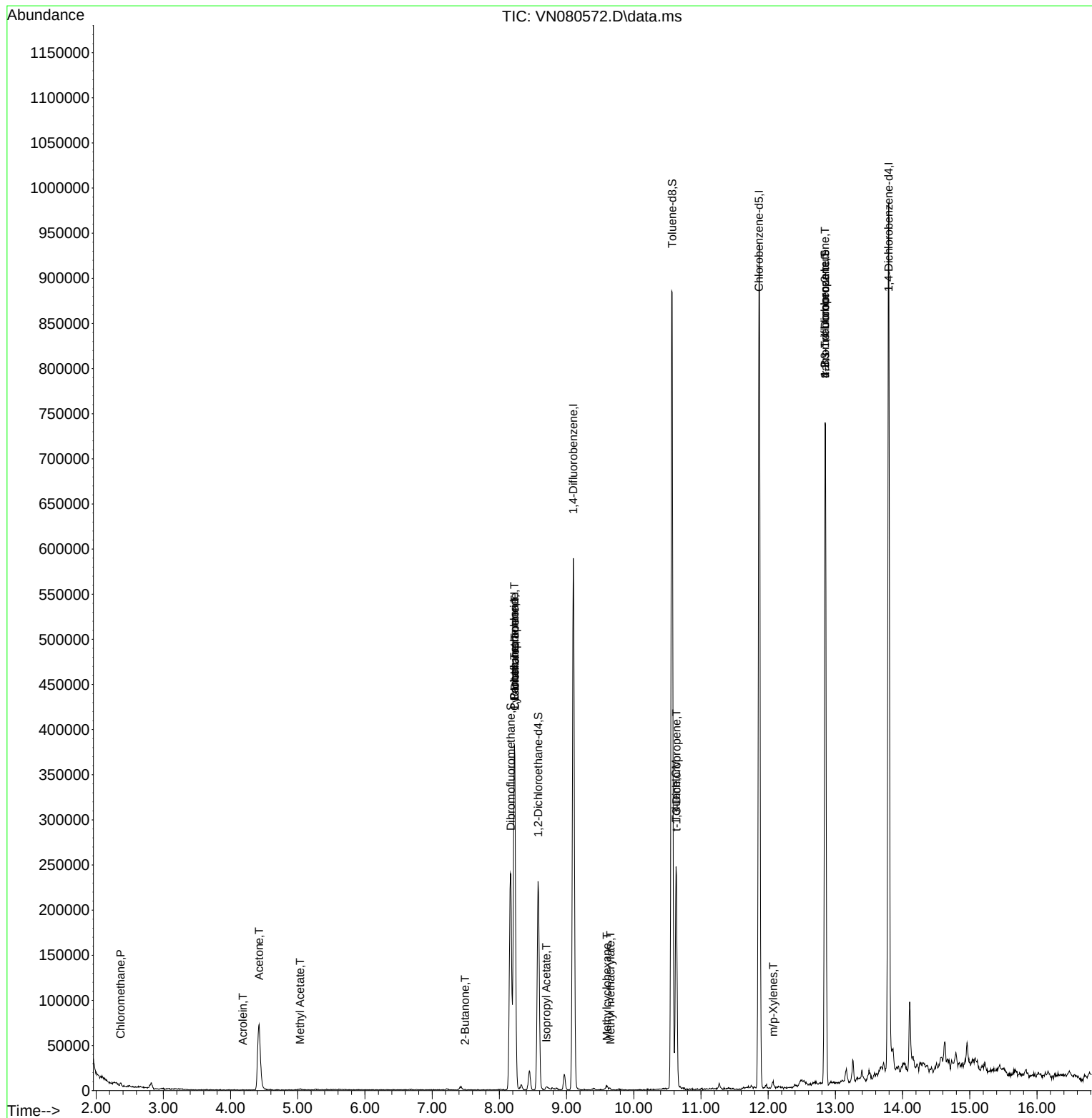
Internal Standards						
1) Pentafluorobenzene	8.224	168	266290	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	510849	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.864	117	547451	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	256611	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	198006	58.218	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 116.440%			
35) Dibromofluoromethane	8.171	113	174690	53.934	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.860%			
50) Toluene-d8	10.570	98	643895	53.304	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.600%			
62) 4-Bromofluorobenzene	12.847	95	273914	59.715	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 119.440%			
Target Compounds						Qvalue
3) Chloromethane	2.365	50	4081	0.749	ug/l	96
13) Acrolein	4.183	56	230	0.524	ug/l #	16
16) Acetone	4.424	43	134498	223.026	ug/l	99
18) Methyl Acetate	5.035	43	1610	0.415	ug/l #	80
25) 2-Butanone	7.488	43	307	0.264	ug/l #	37
31) Cyclohexane	8.229	56	8407	1.818	ug/l #	60
36) 1,1-Dichloropropene	8.229	75	21237	4.010	ug/l #	47
38) Carbon Tetrachloride	8.224	117	28080	4.437	ug/l #	16
39) Methylcyclohexane	9.600	83	1940	0.353	ug/l #	63
43) Isopropyl Acetate	8.700	43	2763	0.463	ug/l #	49
48) Methyl methacrylate	9.653	41	768	0.216	ug/l #	13
52) Toluene	10.629	92	111921	11.585	ug/l	97
53) t-1,3-Dichloropropene	10.635	75	1249	0.209	ug/l #	1
68) m/p-Xylenes	12.076	106	1781	0.215	ug/l #	65
76) 1,2,3-Trichloropropane	12.847	75	140301	27.406	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	140301	71.958	ug/l #	15

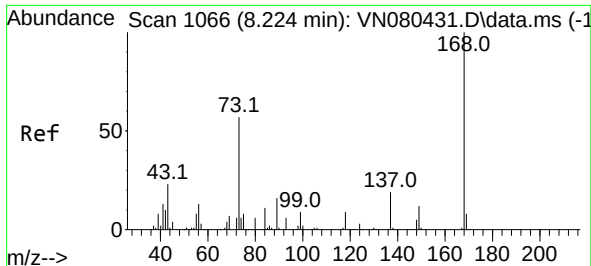
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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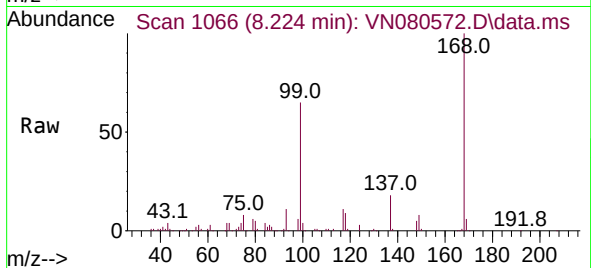
Quant Time: Dec 22 04:00:15 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 13 01:57:14 2023
Response via : Initial Calibration



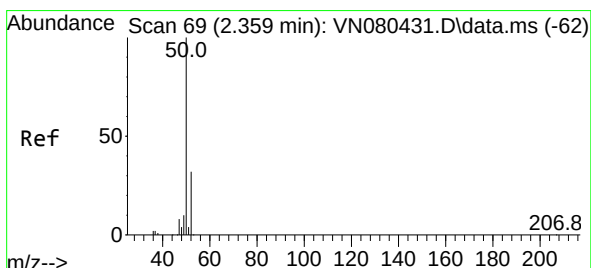
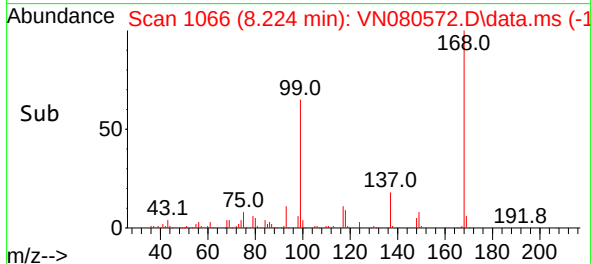
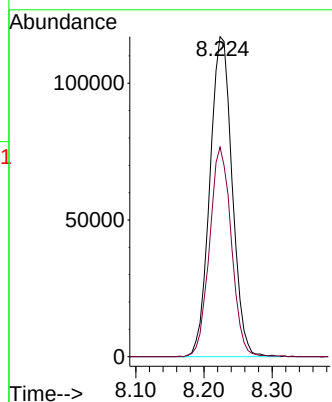


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN080572.D
Acq: 21 Dec 2023 14:40

Instrument :
MSVOA_N
ClientSampleId :

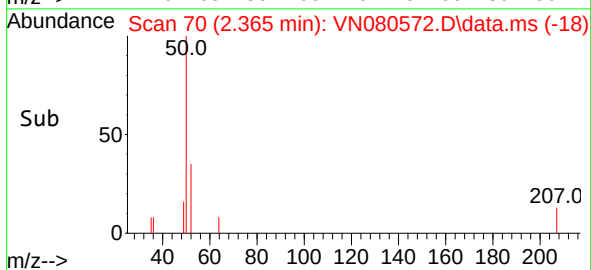
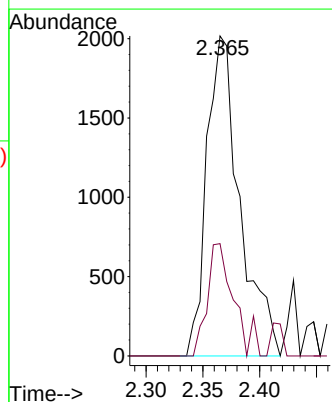
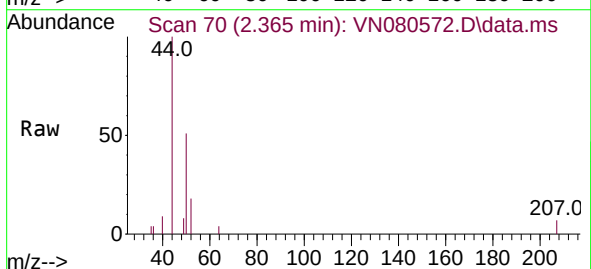


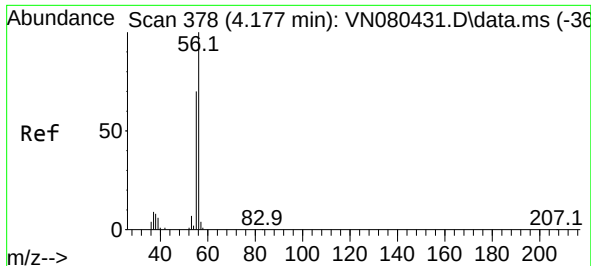
Tgt Ion:168 Resp: 266290
Ion Ratio Lower Upper
168 100
99 65.3 53.0 79.6



#3
Chloromethane
Concen: 0.749 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN080572.D
Acq: 21 Dec 2023 14:40

Tgt Ion: 50 Resp: 4081
Ion Ratio Lower Upper
50 100
52 35.1 26.5 39.7

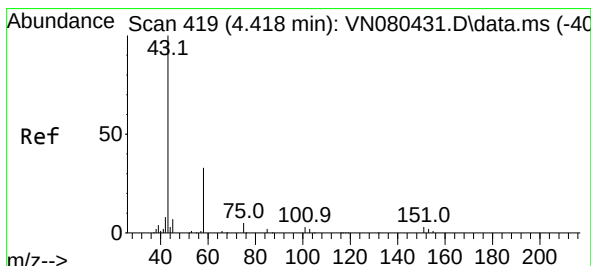
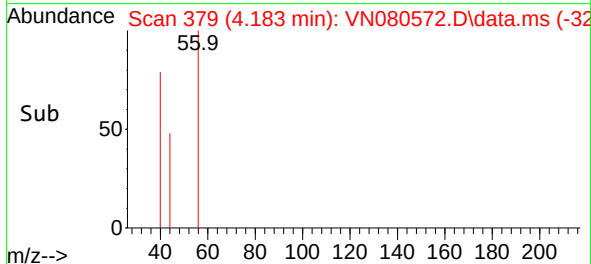
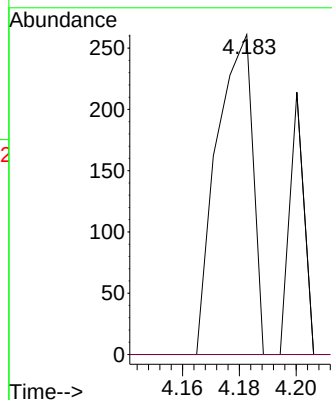
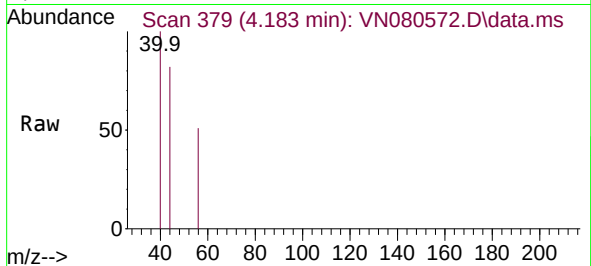




#13
Acrolein
Concen: 0.524 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN080572.D
Acq: 21 Dec 2023 14:40

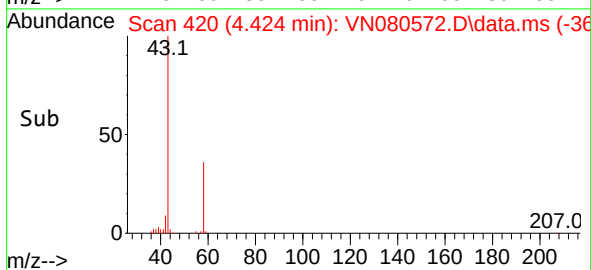
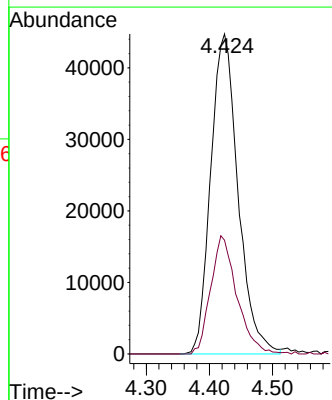
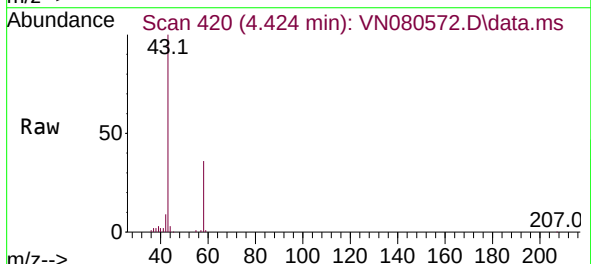
Instrument :
MSVOA_N
ClientSampleId :

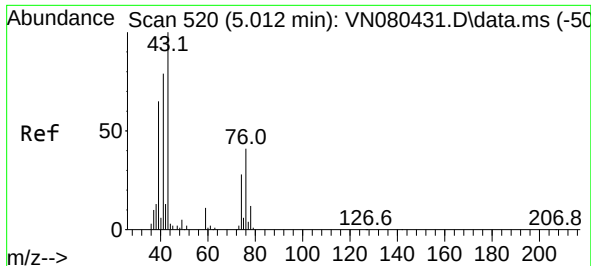
Tgt Ion: 56 Resp: 230
Ion Ratio Lower Upper
56 100
55 0.0 54.5 81.7#



#16
Acetone
Concen: 223.026 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN080572.D
Acq: 21 Dec 2023 14:40

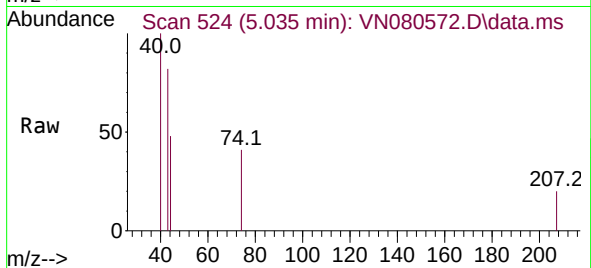
Tgt Ion: 43 Resp: 134498
Ion Ratio Lower Upper
43 100
58 35.5 28.0 42.0



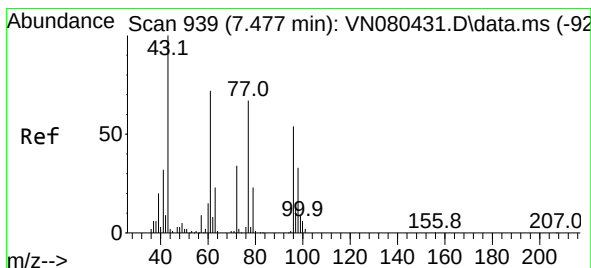
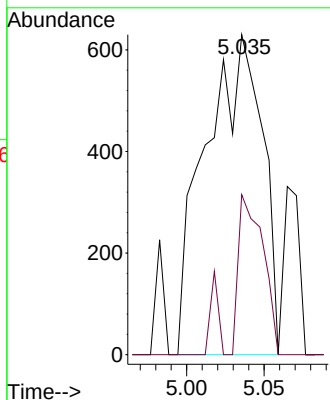
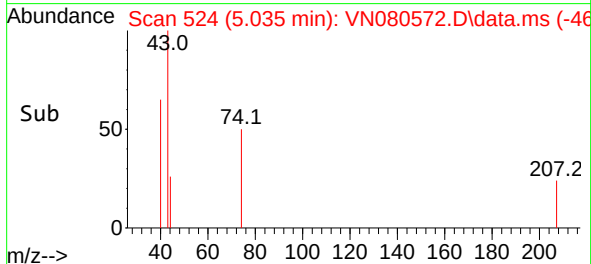


#18
Methyl Acetate
Concen: 0.415 ug/l
RT: 5.035 min Scan# 51
Delta R.T. 0.023 min
Lab File: VN080572.D
Acq: 21 Dec 2023 14:40

Instrument :
MSVOA_N
ClientSampleId :

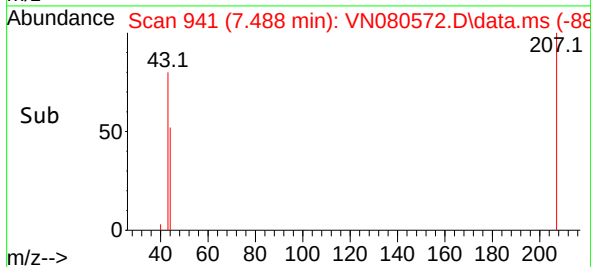
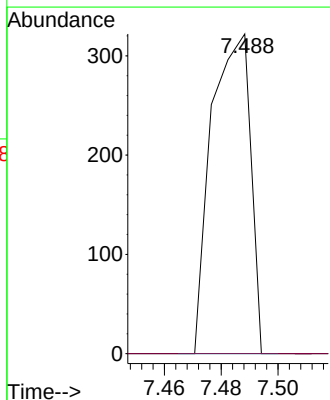
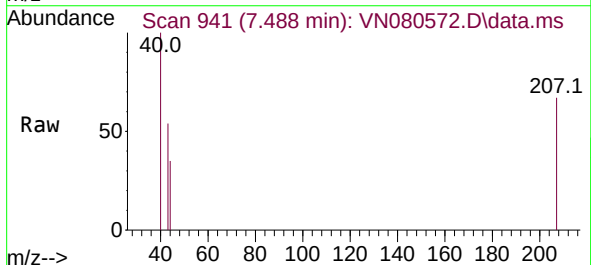


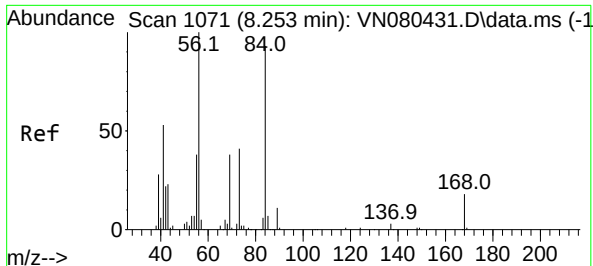
Tgt Ion: 43 Resp: 1610
Ion Ratio Lower Upper
43 100
74 21.6 26.2 39.4#



#25
2-Butanone
Concen: 0.264 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.012 min
Lab File: VN080572.D
Acq: 21 Dec 2023 14:40

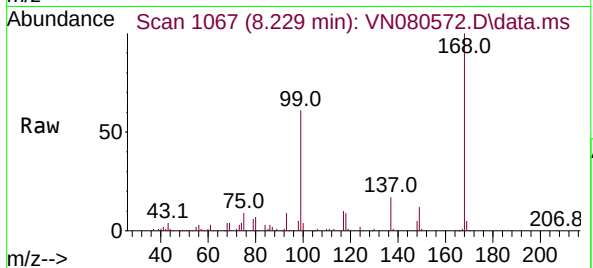
Tgt Ion: 43 Resp: 307
Ion Ratio Lower Upper
43 100
72 0.0 30.2 45.2#



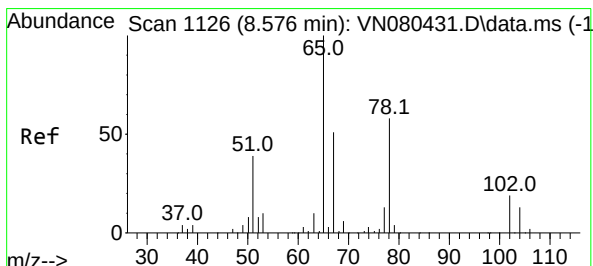
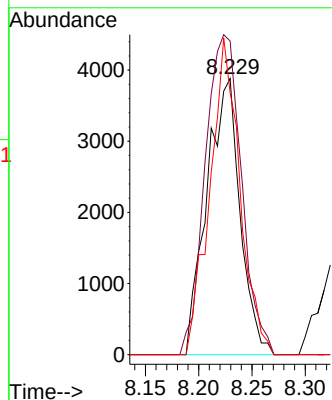
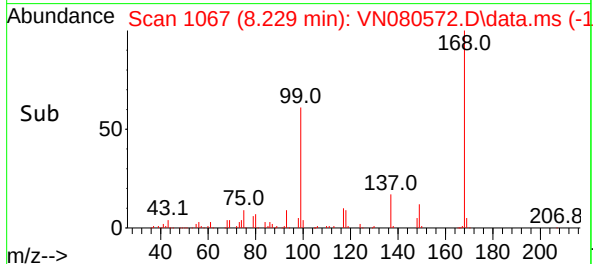


#31
Cyclohexane
Concen: 1.818 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.024 min
Lab File: VN080572.D
Acq: 21 Dec 2023 14:40

Instrument :
MSVOA_N
ClientSampleId :

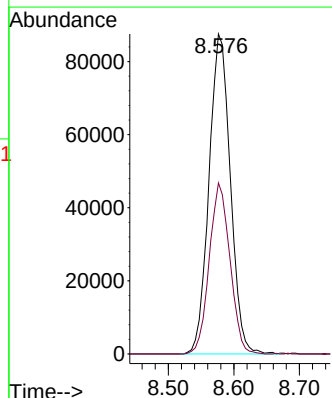
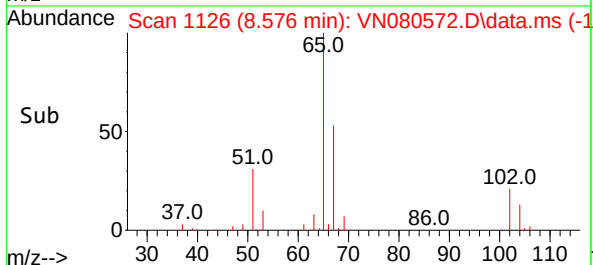
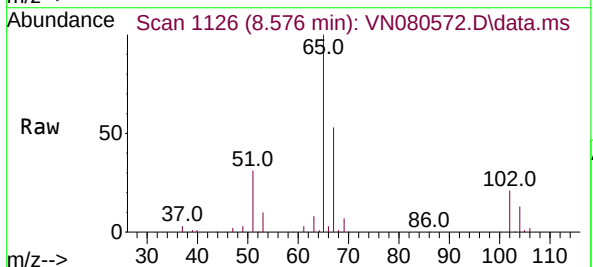


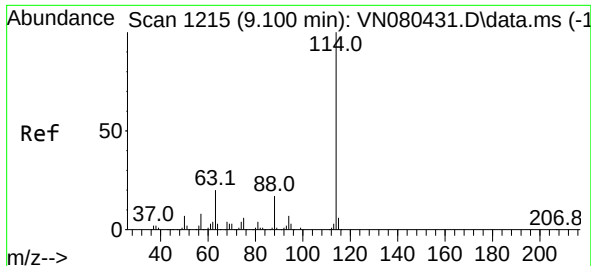
Tgt Ion: 56 Resp: 8407
Ion Ratio Lower Upper
56 100
69 113.6 26.8 40.2#
84 94.9 81.8 122.6



#33
1,2-Dichloroethane-d4
Concen: 58.218 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN080572.D
Acq: 21 Dec 2023 14:40

Tgt Ion: 65 Resp: 198006
Ion Ratio Lower Upper
65 100
67 51.7 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN080572.D

Acq: 21 Dec 2023 14:40

Instrument :

MSVOA_N

ClientSampleId :

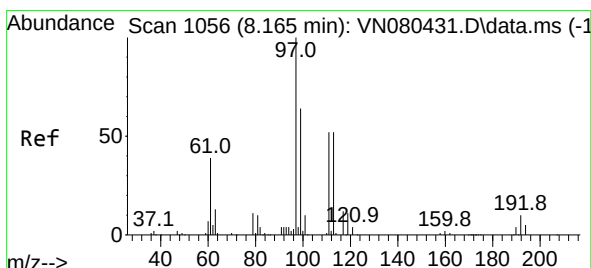
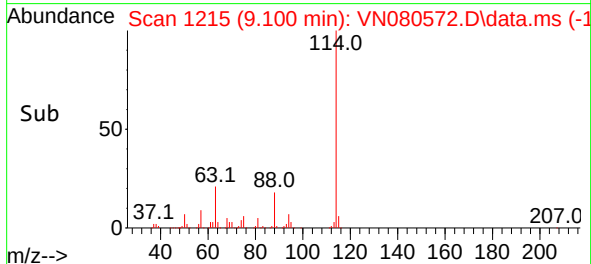
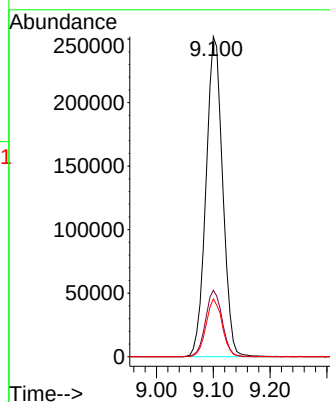
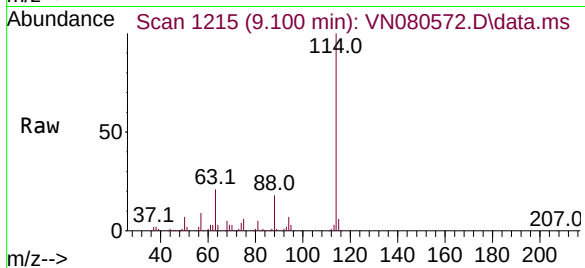
Tgt Ion:114 Resp: 510849

Ion Ratio Lower Upper

114 100

63 20.8 0.0 36.4

88 18.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.934 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN080572.D

Acq: 21 Dec 2023 14:40

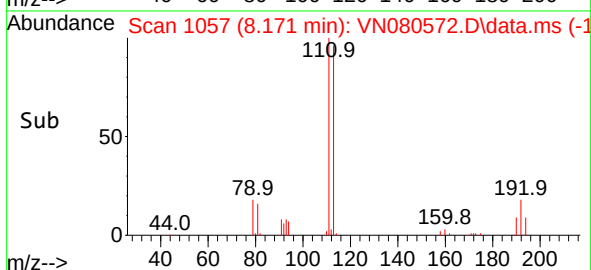
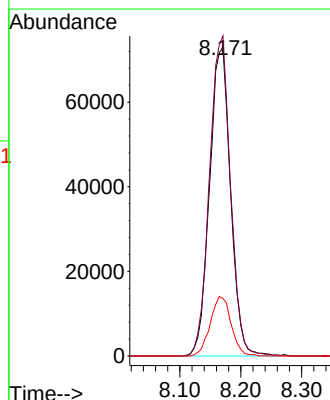
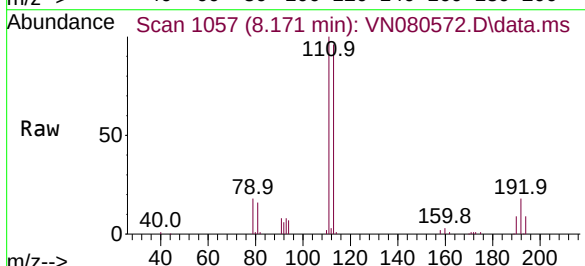
Tgt Ion:113 Resp: 174690

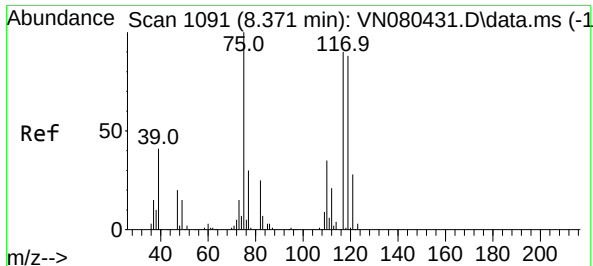
Ion Ratio Lower Upper

113 100

111 103.7 82.6 123.8

192 19.1 12.7 19.1#





#36

1,1-Dichloropropene

Concen: 4.010 ug/l

RT: 8.229 min Scan# 1067

Delta R.T. -0.141 min

Lab File: VN080572.D

Acq: 21 Dec 2023 14:40

Instrument :

MSVOA_N

ClientSampleId :

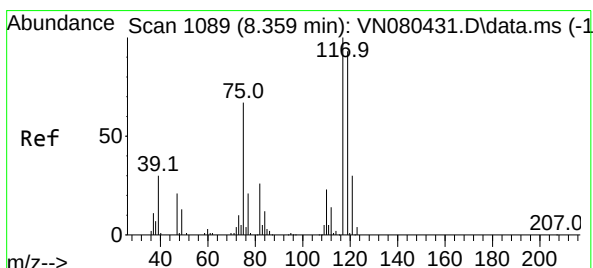
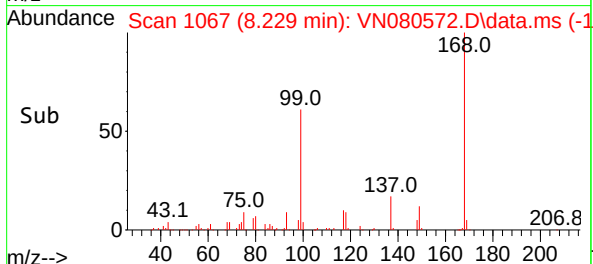
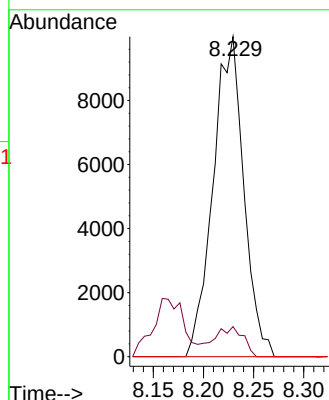
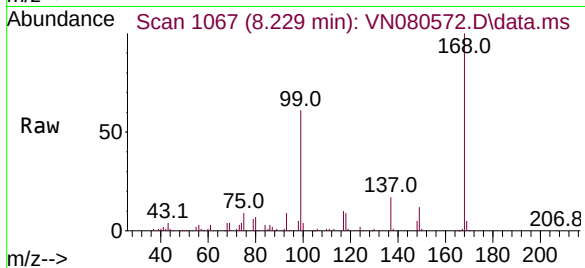
Tgt Ion: 75 Resp: 21237

Ion Ratio Lower Upper

75 100

110 8.4 19.1 57.3#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 4.437 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

Lab File: VN080572.D

Acq: 21 Dec 2023 14:40

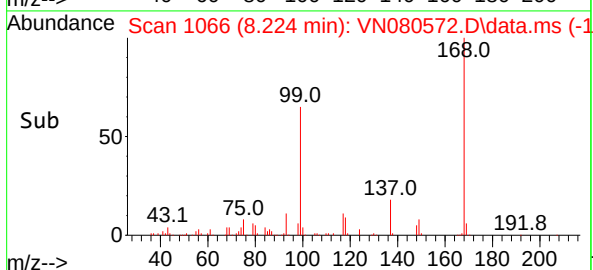
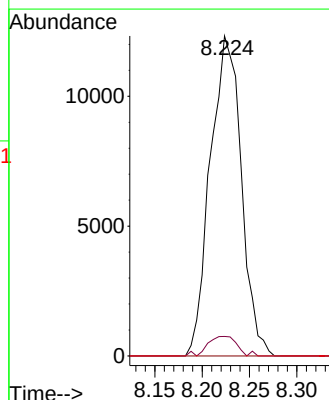
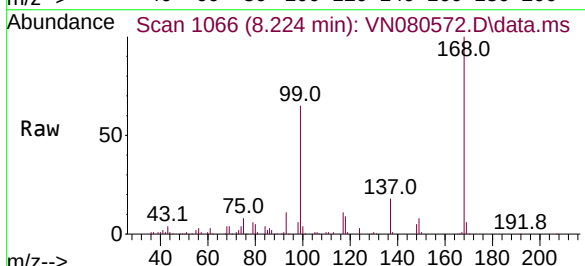
Tgt Ion: 117 Resp: 28080

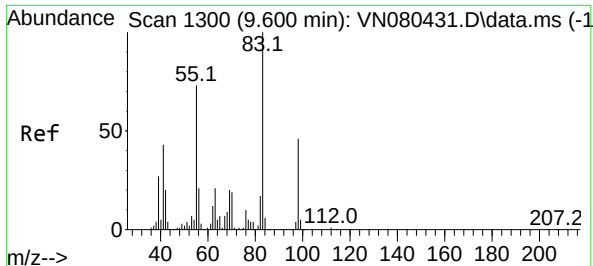
Ion Ratio Lower Upper

117 100

119 6.1 77.3 115.9#

121 0.0 23.3 34.9#





#39

Methylcyclohexane

Concen: 0.353 ug/l

RT: 9.600 min Scan# 1147

Delta R.T. -0.000 min

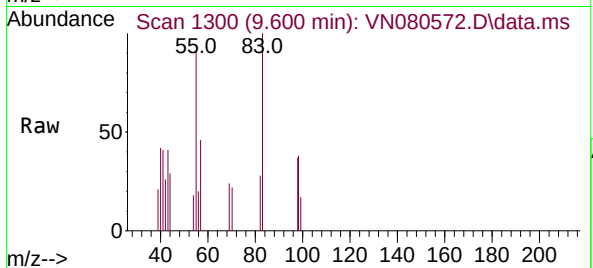
Lab File: VN080572.D

Acq: 21 Dec 2023 14:40

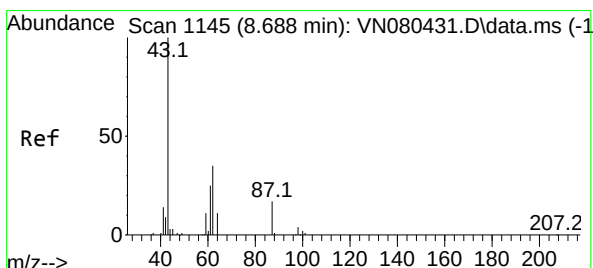
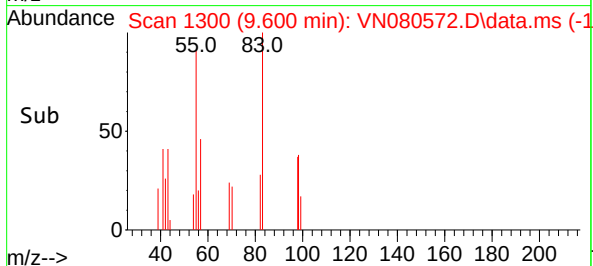
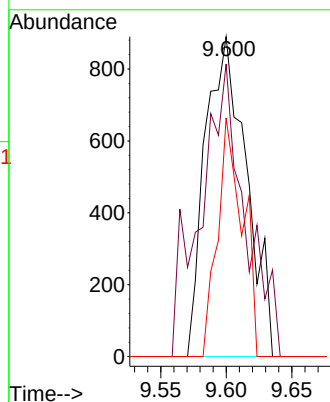
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 83	Resp:	1940
Ion	Ratio	Lower Upper
83	100	
55	91.5	49.1 73.7#
98	74.6	40.6 61.0#



#43

Isopropyl Acetate

Concen: 0.463 ug/l

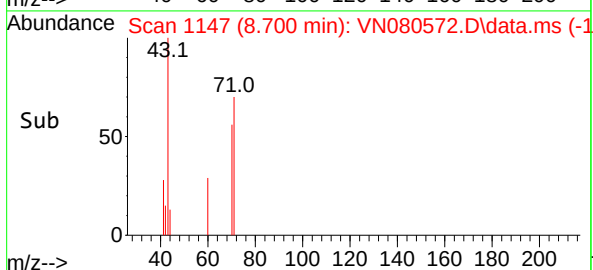
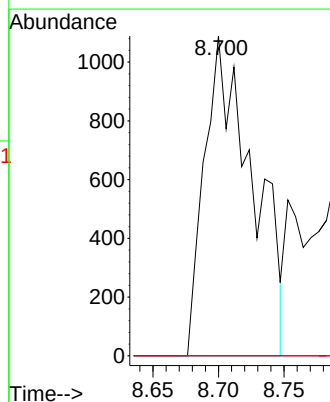
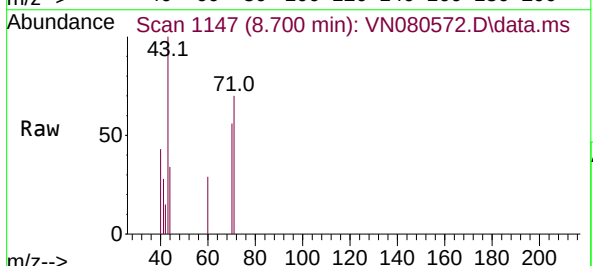
RT: 8.700 min Scan# 1147

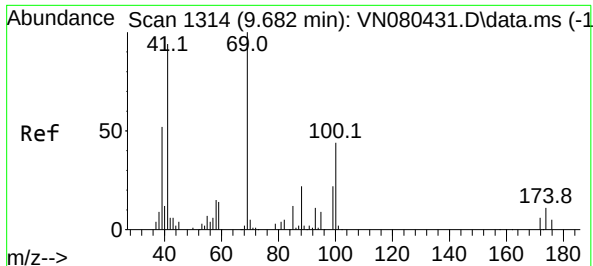
Delta R.T. 0.012 min

Lab File: VN080572.D

Acq: 21 Dec 2023 14:40

Tgt Ion: 43	Resp:	2763
Ion	Ratio	Lower Upper
43	100	
61	0.0	24.7 37.1#
87	0.0	14.6 21.8#





#48

Methyl methacrylate

Concen: 0.216 ug/l

RT: 9.653 min Scan# 1

Delta R.T. -0.029 min

Lab File: VN080572.D

Acq: 21 Dec 2023 14:40

Instrument :

MSVOA_N

ClientSampleId :

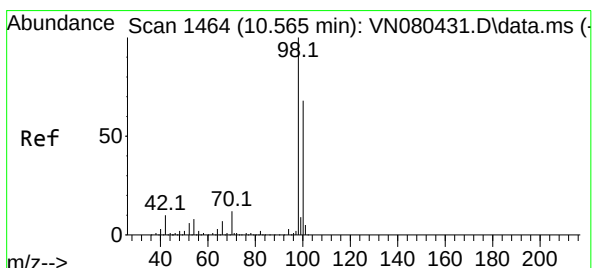
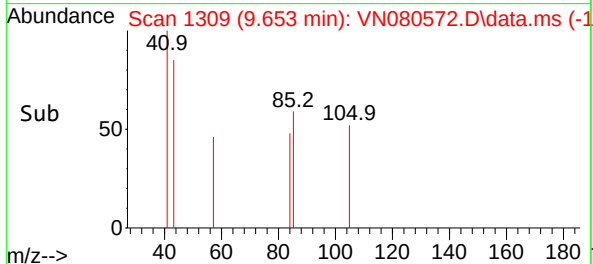
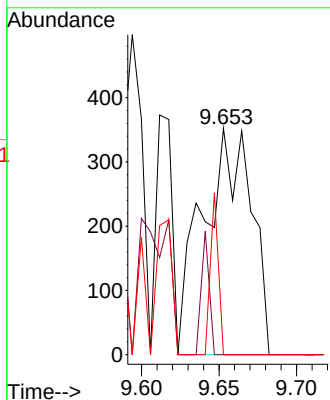
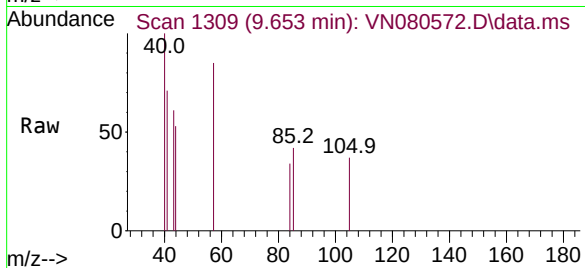
Tgt Ion: 41 Resp: 768

Ion Ratio Lower Upper

41 100

69 8.9 90.4 135.6#

39 11.6 54.6 81.8#



#50

Toluene-d8

Concen: 53.304 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN080572.D

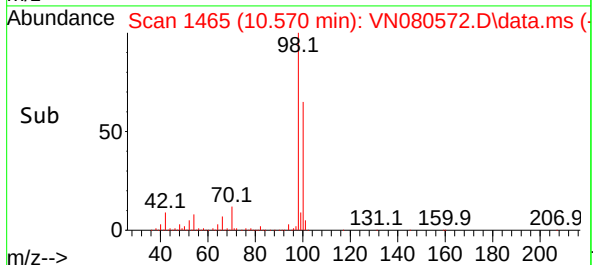
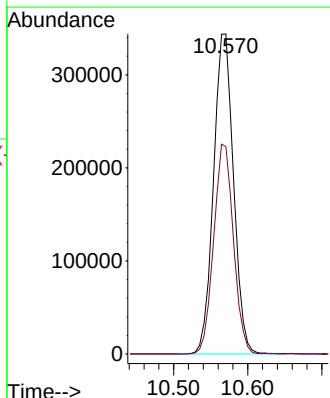
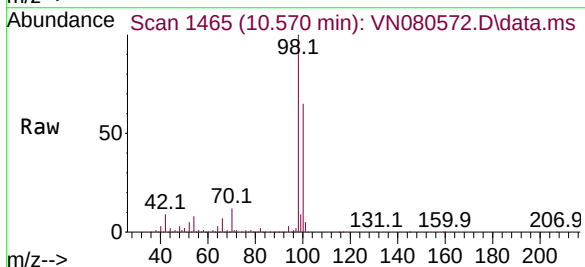
Acq: 21 Dec 2023 14:40

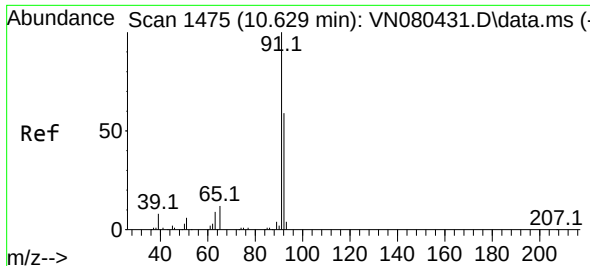
Tgt Ion: 98 Resp: 643895

Ion Ratio Lower Upper

98 100

100 64.8 52.0 78.0

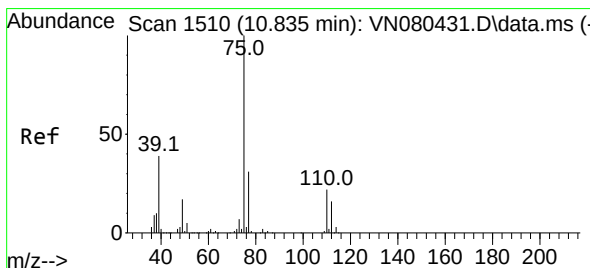
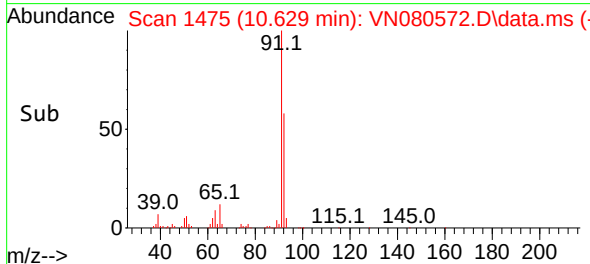
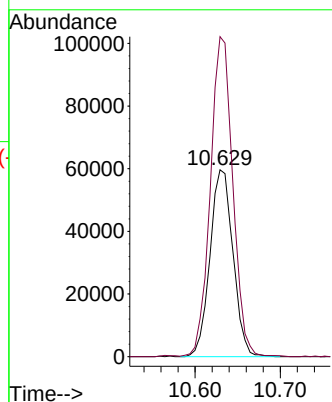
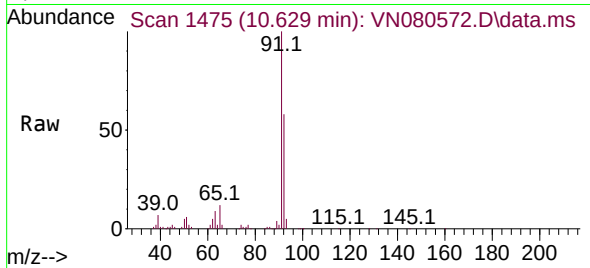




#52
Toluene
Concen: 11.585 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN080572.D
Acq: 21 Dec 2023 14:40

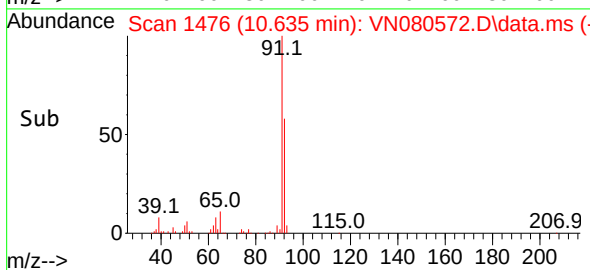
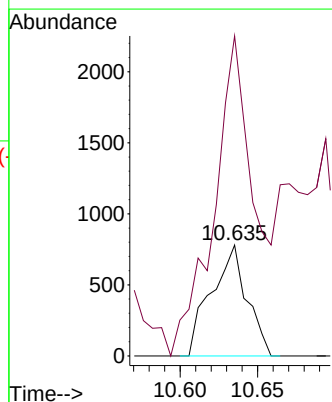
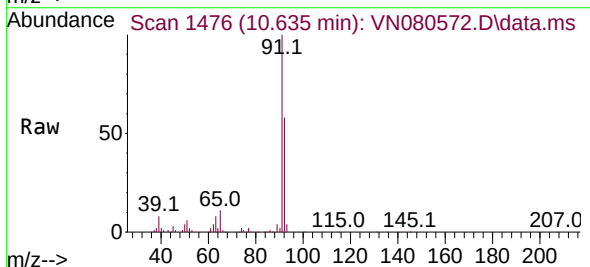
Instrument :
MSVOA_N
ClientSampleId :

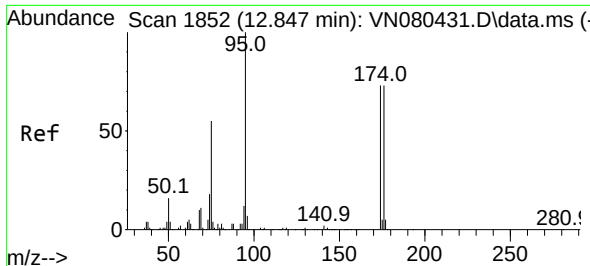
Tgt Ion: 92 Resp: 111921
Ion Ratio Lower Upper
92 100
91 167.2 137.4 206.0



#53
t-1,3-Dichloropropene
Concen: 0.209 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.200 min
Lab File: VN080572.D
Acq: 21 Dec 2023 14:40

Tgt Ion: 75 Resp: 1249
Ion Ratio Lower Upper
75 100
77 256.4 25.4 38.0#

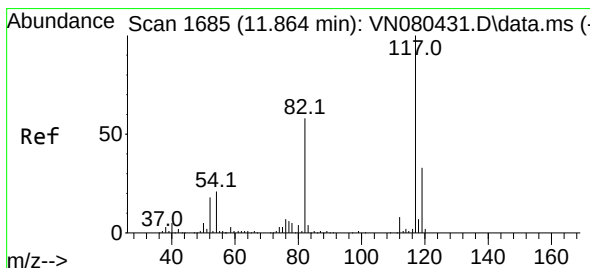
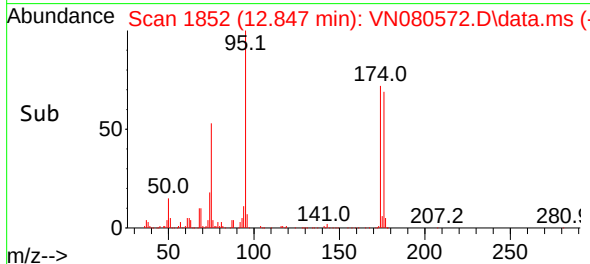
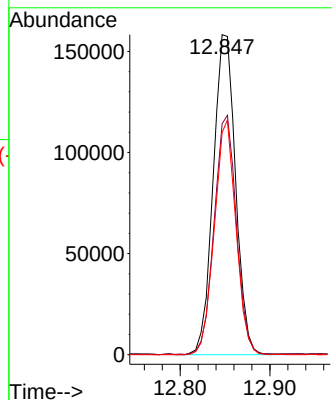
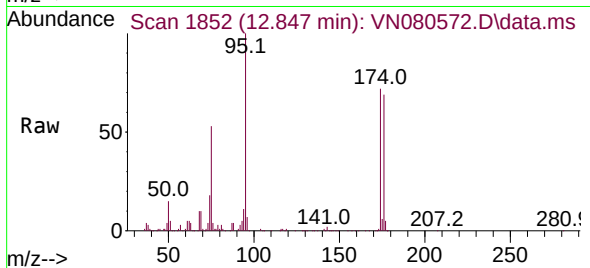




#62
4-Bromofluorobenzene
Concen: 59.715 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN080572.D
Acq: 21 Dec 2023 14:40

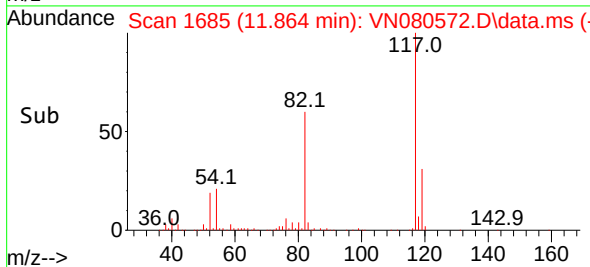
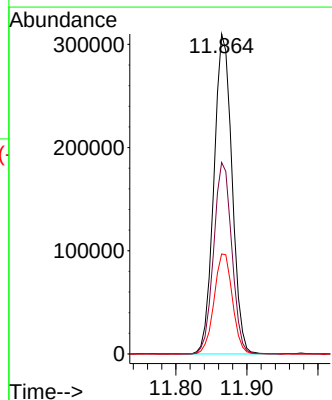
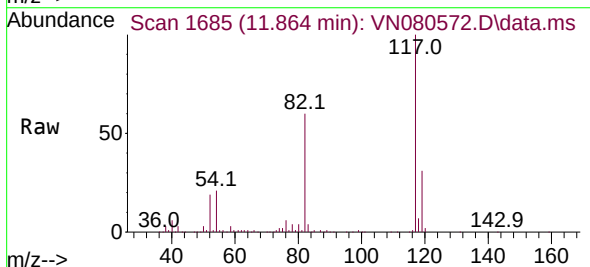
Instrument :
MSVOA_N
ClientSampleId :

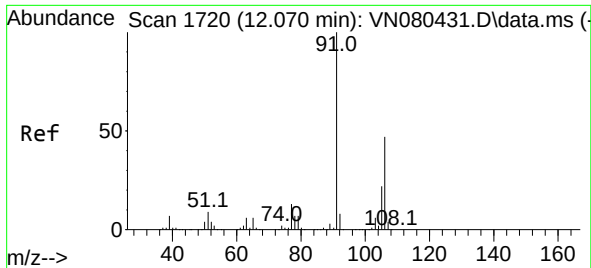
Tgt Ion: 95 Resp: 273914
Ion Ratio Lower Upper
95 100
174 73.9 0.0 143.8
176 70.4 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.864 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN080572.D
Acq: 21 Dec 2023 14:40

Tgt Ion: 117 Resp: 547451
Ion Ratio Lower Upper
117 100
82 59.9 44.0 66.0
119 31.2 25.6 38.4

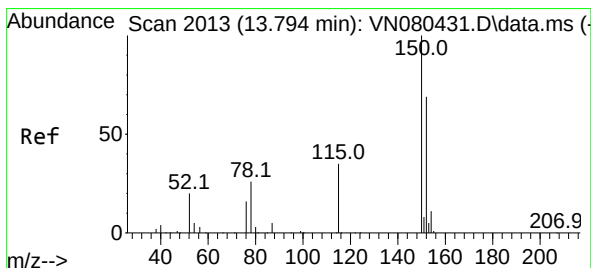
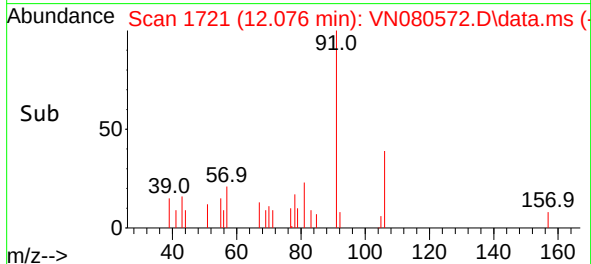
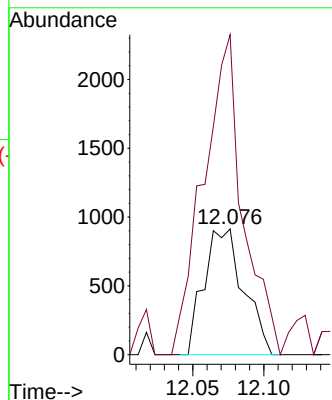
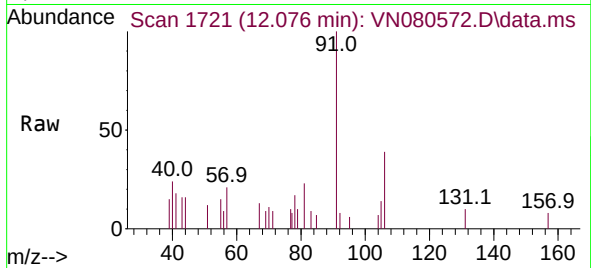




#68
m/p-Xylenes
Concen: 0.215 ug/l
RT: 12.076 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN080572.D
Acq: 21 Dec 2023 14:40

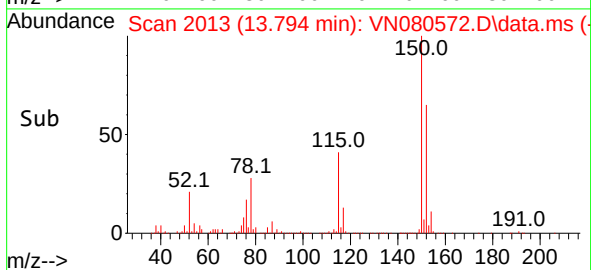
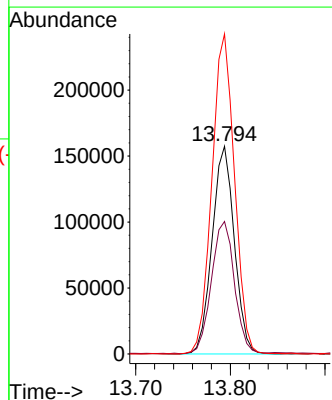
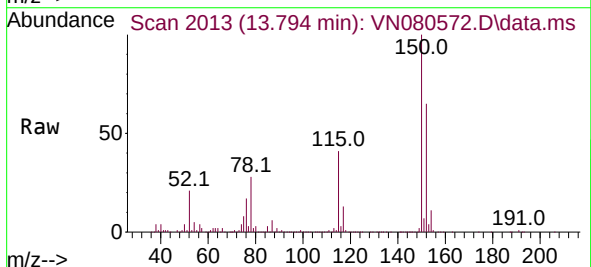
Instrument :
MSVOA_N
ClientSampleId :

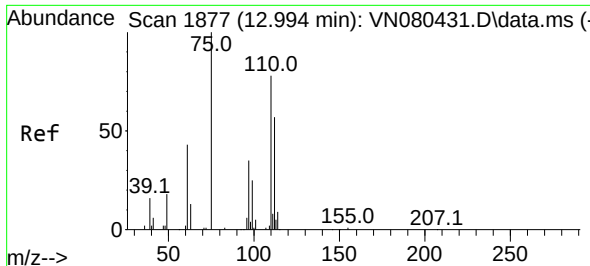
Tgt Ion:106 Resp: 1781
Ion Ratio Lower Upper
106 100
91 252.4 159.6 239.4#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080572.D
Acq: 21 Dec 2023 14:40

Tgt Ion:152 Resp: 256611
Ion Ratio Lower Upper
152 100
115 66.0 32.3 96.8
150 156.5 0.0 355.8

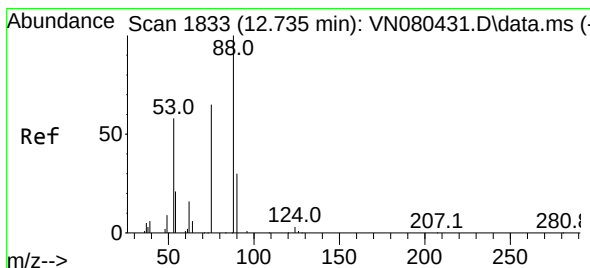
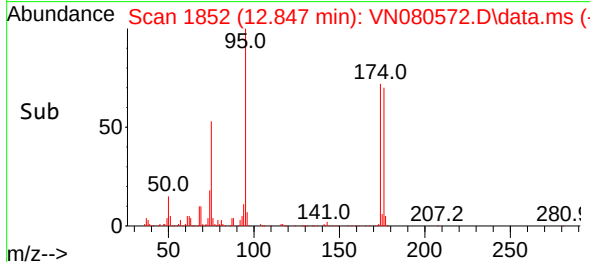
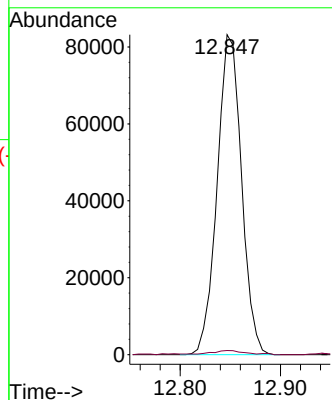
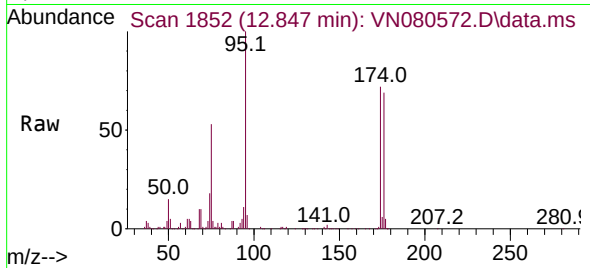




#76
1,2,3-Trichloropropane
Concen: 27.406 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN080572.D
Acq: 21 Dec 2023 14:40

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 140301
Ion Ratio Lower Upper
75 100
77 1.8 84.5 253.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.958 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN080572.D
Acq: 21 Dec 2023 14:40

Tgt Ion: 75 Resp: 140301
Ion Ratio Lower Upper
75 100
53 0.3 67.4 101.2#
89 0.0 38.8 58.2#

