

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122123\
 Data File : VN080570.D
 Acq On : 21 Dec 2023 13:53
 Operator : JC\MD
 Sample : 05896-03DL 10X
 Misc : 5.06g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 22 03:59:25 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)

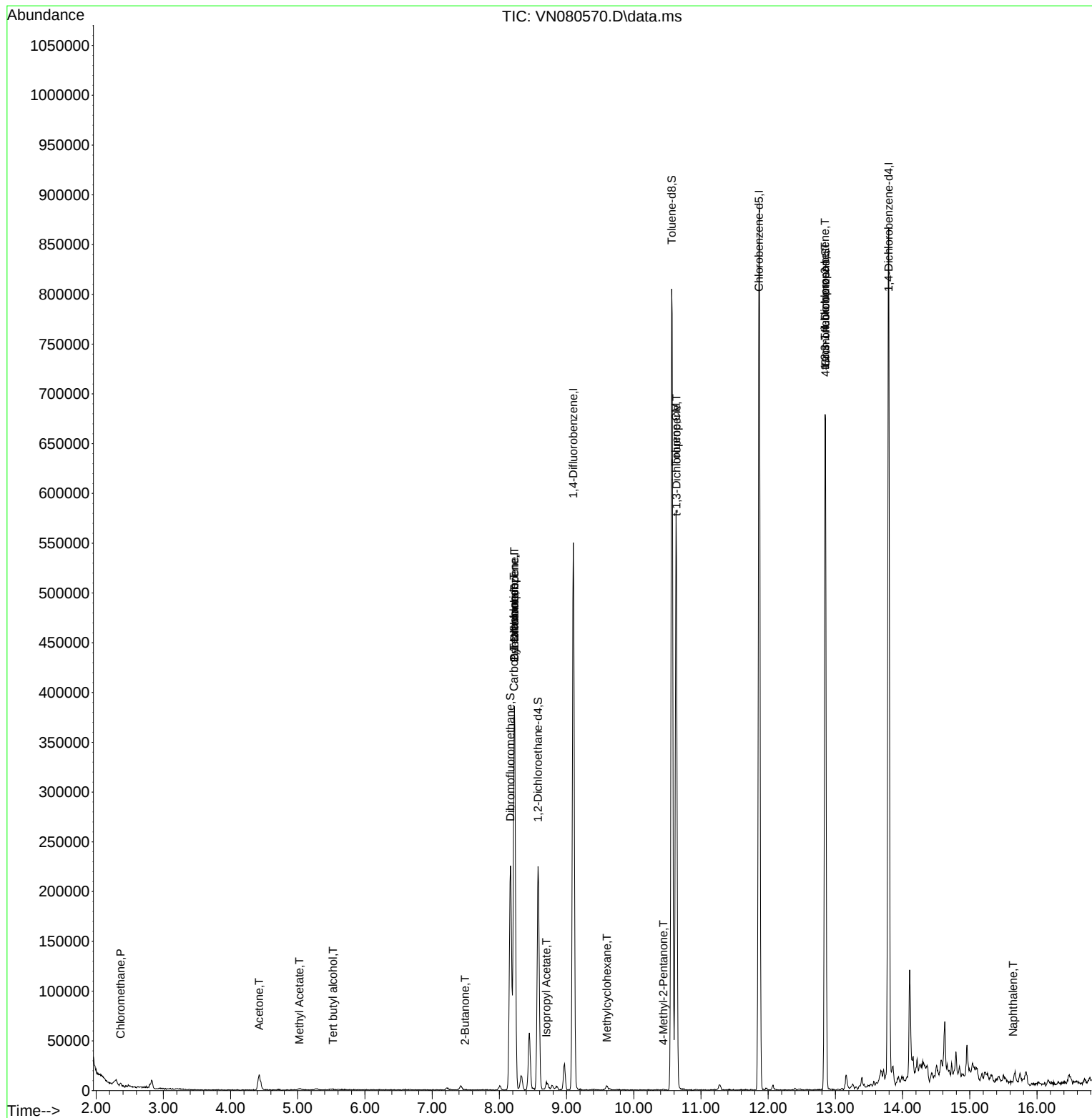
Internal Standards						
1) Pentafluorobenzene	8.224	168	241980	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	479653	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	513786	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	236349	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	192478	62.278	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 124.560%			
35) Dibromofluoromethane	8.165	113	162149	53.318	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.640%			
50) Toluene-d8	10.565	98	572045	50.436	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.880%			
62) 4-Bromofluorobenzene	12.853	95	251824	58.470	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 116.940%			
Target Compounds						Qvalue
3) Chloromethane	2.365	50	3669	0.737	ug/l	93
11) Tert butyl alcohol	5.524	59	213	0.585	ug/l #	72
16) Acetone	4.424	43	28332	51.700	ug/l #	84
18) Methyl Acetate	5.024	43	2760	0.783	ug/l #	78
25) 2-Butanone	7.488	43	355	0.336	ug/l #	37
31) Cyclohexane	8.224	56	14033	3.339	ug/l #	58
36) 1,1-Dichloropropene	8.224	75	18636	3.748	ug/l #	50
38) Carbon Tetrachloride	8.218	117	26382	4.440	ug/l #	18
39) Methylcyclohexane	9.600	83	2184	0.423	ug/l #	85
43) Isopropyl Acetate	8.700	43	4660	0.832	ug/l #	49
51) 4-Methyl-2-Pentanone	10.441	43	824	0.267	ug/l #	31
52) Toluene	10.629	92	260210	28.686	ug/l	100
53) t-1,3-Dichloropropene	10.635	75	3535	0.629	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	130305	27.636	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	130305	72.560	ug/l #	15
95) Naphthalene	15.647	128	2652	0.201	ug/l #	81

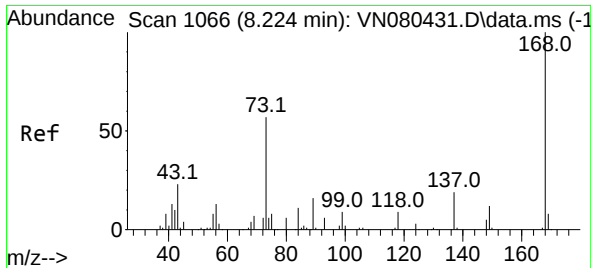
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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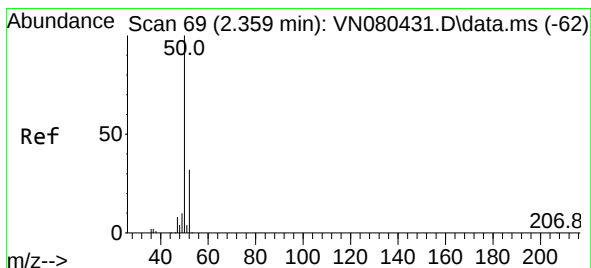
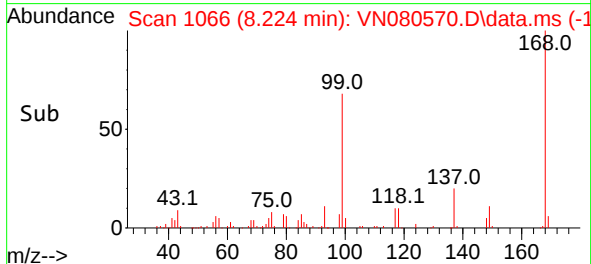
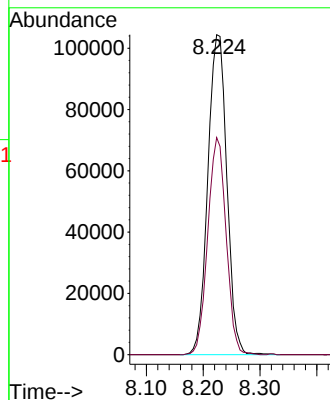
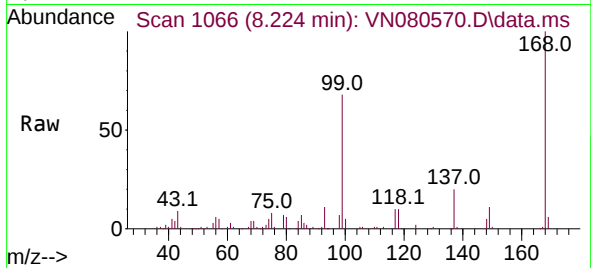




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN080570.D
Acq: 21 Dec 2023 13:53

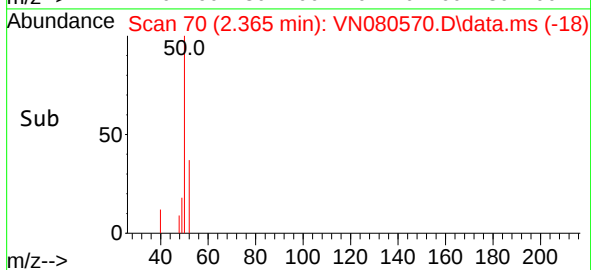
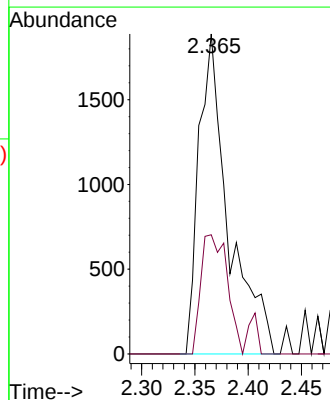
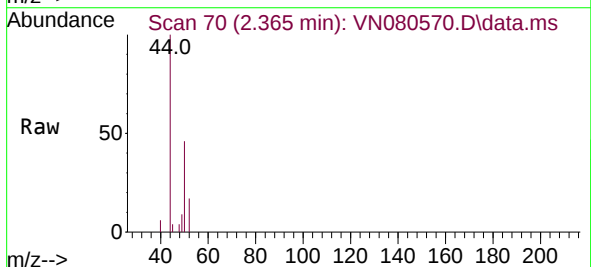
Instrument :
MSVOA_N
ClientSampleId :

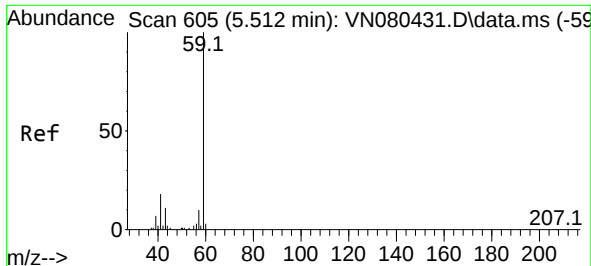
Tgt Ion:168 Resp: 241980
Ion Ratio Lower Upper
168 100
99 67.9 53.0 79.6



#3
Chloromethane
Concen: 0.737 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN080570.D
Acq: 21 Dec 2023 13:53

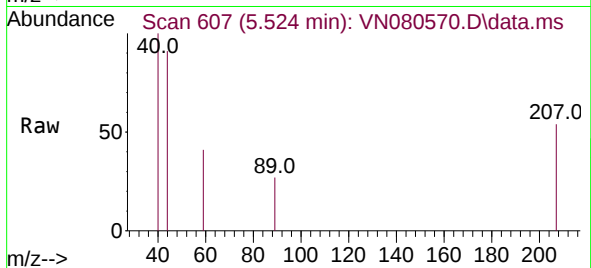
Tgt Ion: 50 Resp: 3669
Ion Ratio Lower Upper
50 100
52 37.2 26.5 39.7



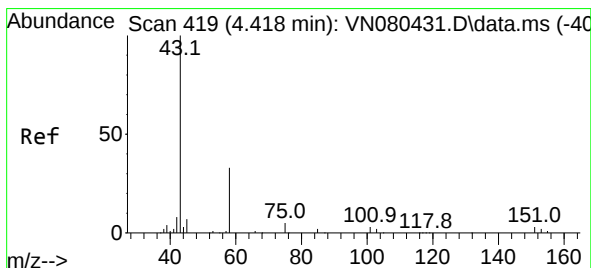
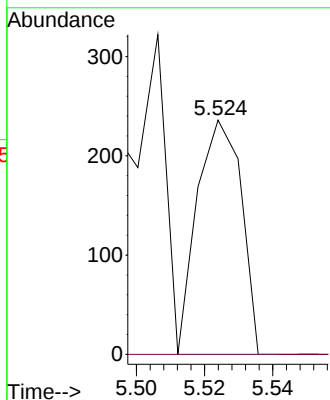
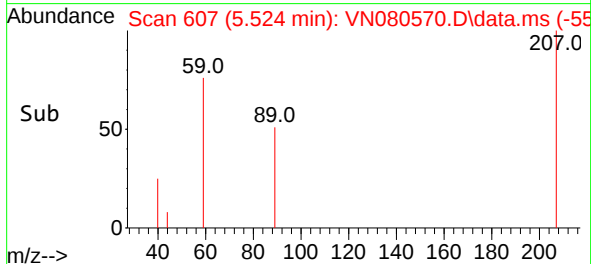


#11
Tert butyl alcohol
Concen: 0.585 ug/l
RT: 5.524 min Scan# 605
Delta R.T. 0.012 min
Lab File: VN080570.D
Acq: 21 Dec 2023 13:53

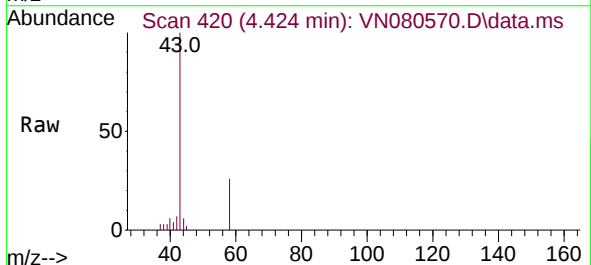
Instrument :
MSVOA_N
ClientSampleId :



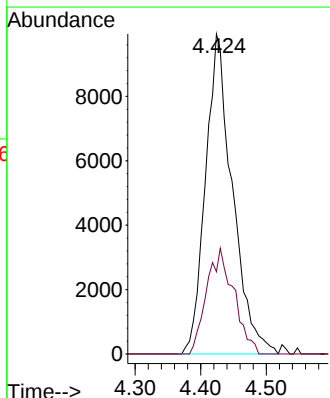
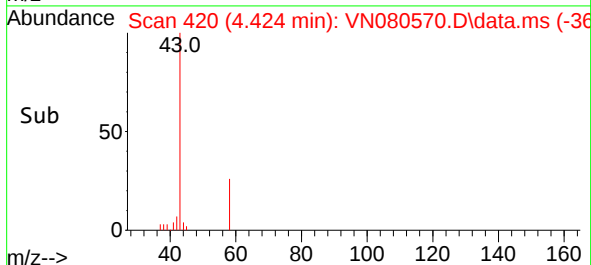
Tgt Ion: 59 Resp: 213
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

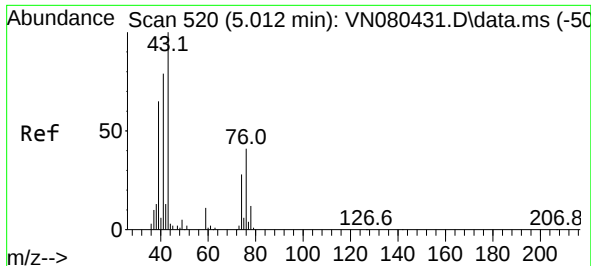


#16
Acetone
Concen: 51.700 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN080570.D
Acq: 21 Dec 2023 13:53



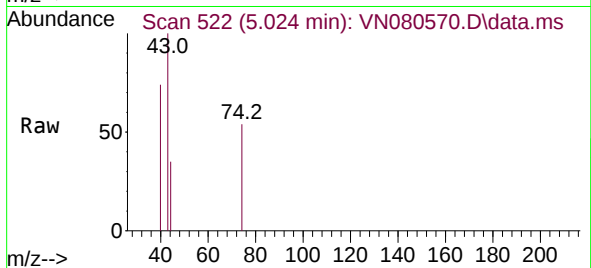
Tgt Ion: 43 Resp: 28332
Ion Ratio Lower Upper
43 100
58 25.7 28.0 42.0#



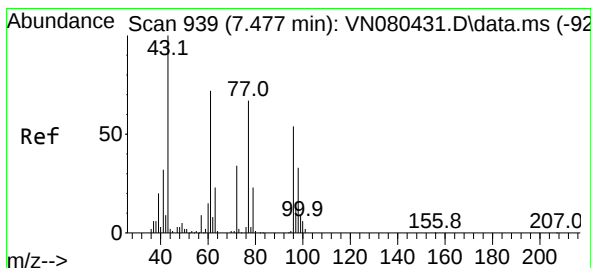
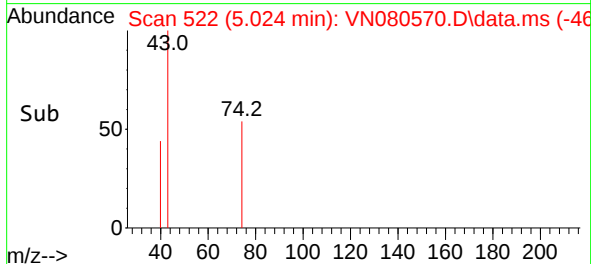
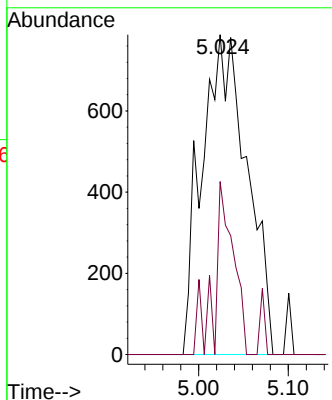


#18
Methyl Acetate
Concen: 0.783 ug/l
RT: 5.024 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN080570.D
Acq: 21 Dec 2023 13:53

Instrument :
MSVOA_N
ClientSampleId :

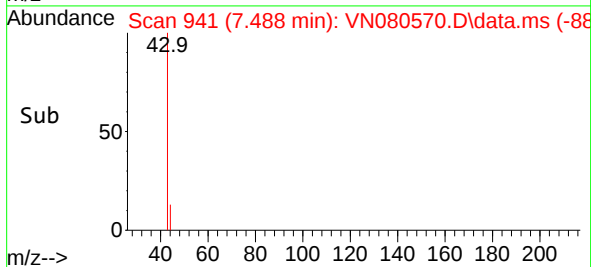
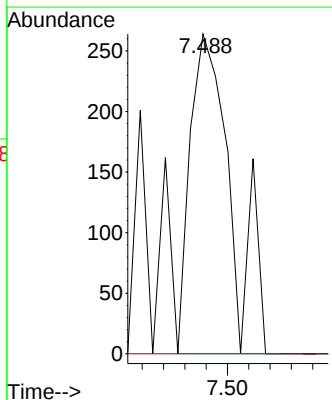
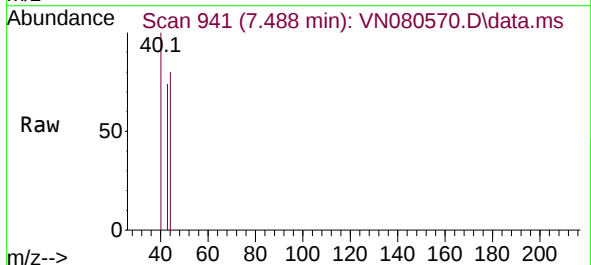


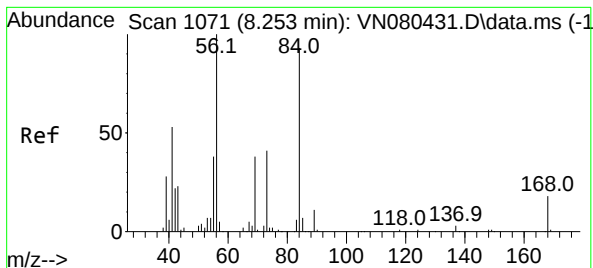
Tgt Ion: 43 Resp: 2760
Ion Ratio Lower Upper
43 100
74 20.6 26.2 39.4#



#25
2-Butanone
Concen: 0.336 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.012 min
Lab File: VN080570.D
Acq: 21 Dec 2023 13:53

Tgt Ion: 43 Resp: 355
Ion Ratio Lower Upper
43 100
72 0.0 30.2 45.2#





#31

Cyclohexane

Concen: 3.339 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.029 min

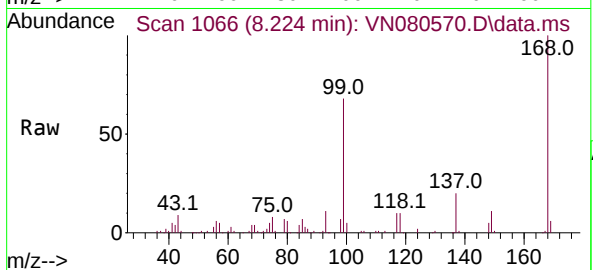
Lab File: VN080570.D

Acq: 21 Dec 2023 13:53

Instrument :

MSVOA_N

ClientSampleId :



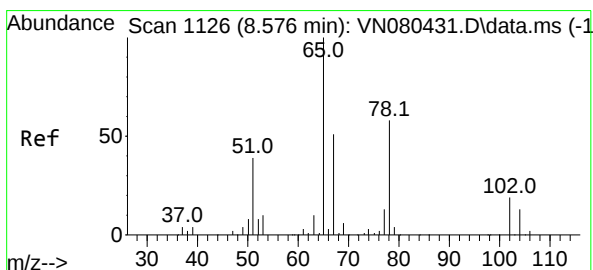
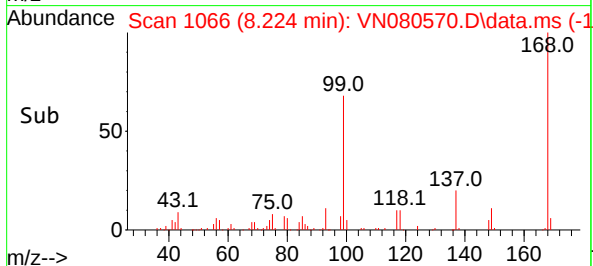
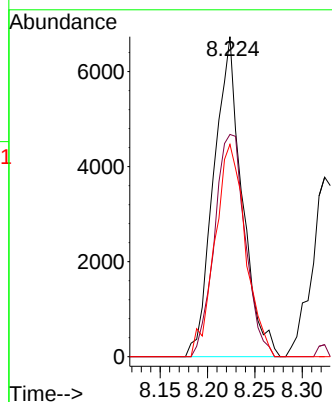
Tgt Ion: 56 Resp: 14033

Ion Ratio Lower Upper

56 100

69 69.4 26.8 40.2#

84 66.3 81.8 122.6#



#33

1,2-Dichloroethane-d4

Concen: 62.278 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN080570.D

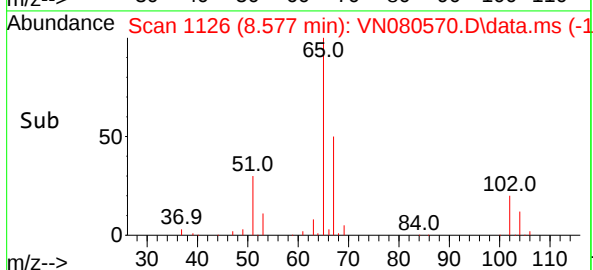
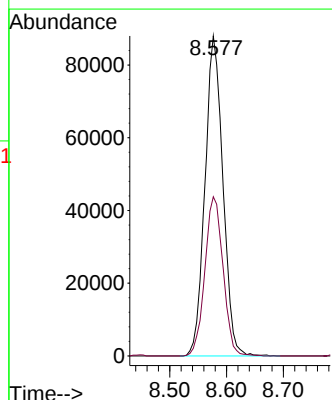
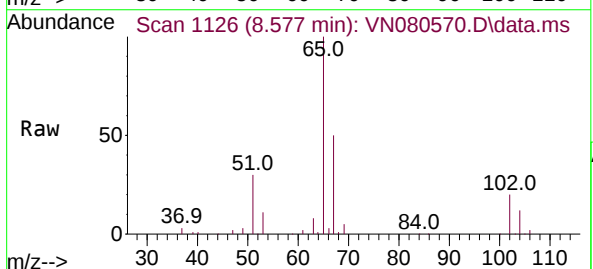
Acq: 21 Dec 2023 13:53

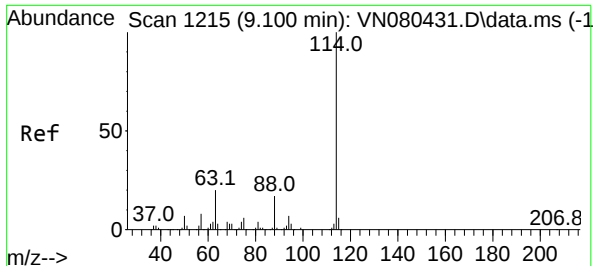
Tgt Ion: 65 Resp: 192478

Ion Ratio Lower Upper

65 100

67 50.4 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN080570.D

Acq: 21 Dec 2023 13:53

Instrument :

MSVOA_N

ClientSampleId :

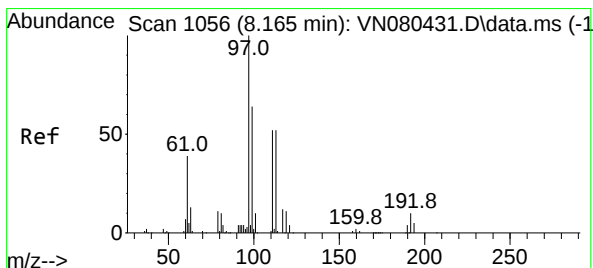
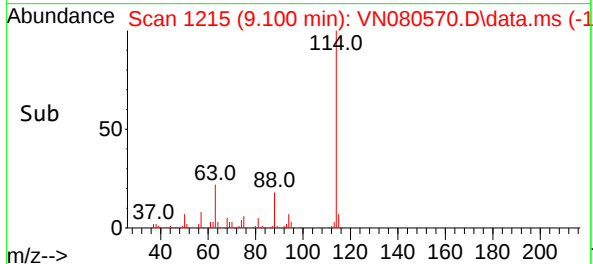
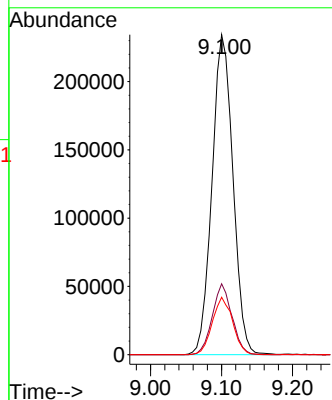
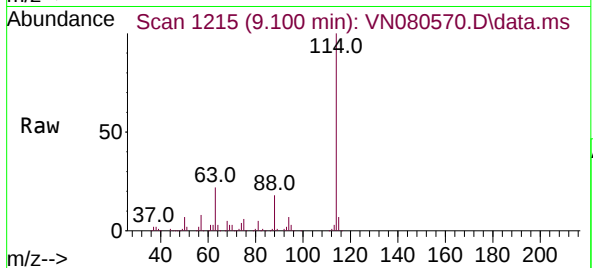
Tgt Ion:114 Resp: 479653

Ion Ratio Lower Upper

114 100

63 22.2 0.0 36.4

88 18.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.318 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN080570.D

Acq: 21 Dec 2023 13:53

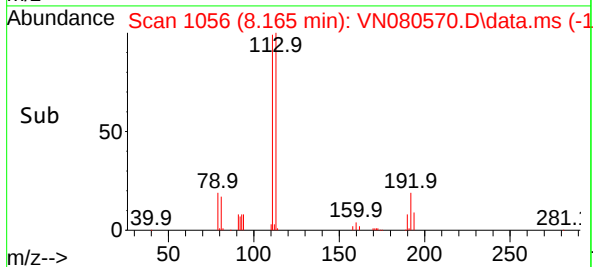
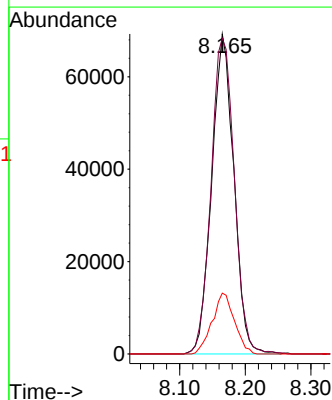
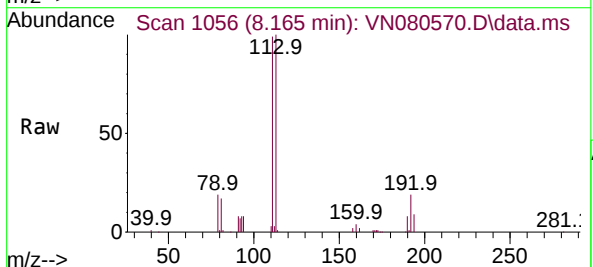
Tgt Ion:113 Resp: 162149

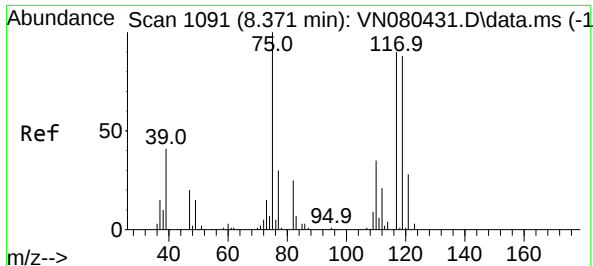
Ion Ratio Lower Upper

113 100

111 103.7 82.6 123.8

192 19.1 12.7 19.1#





#36

1,1-Dichloropropene

Concen: 3.748 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN080570.D

Acq: 21 Dec 2023 13:53

Instrument :

MSVOA_N

ClientSampleId :

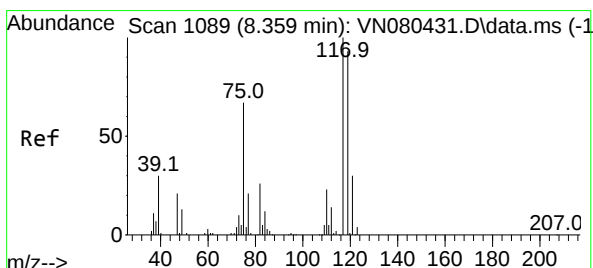
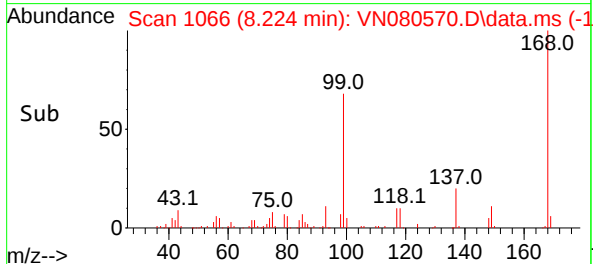
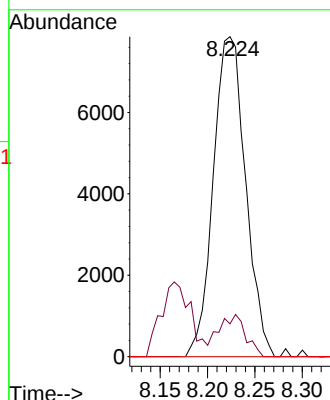
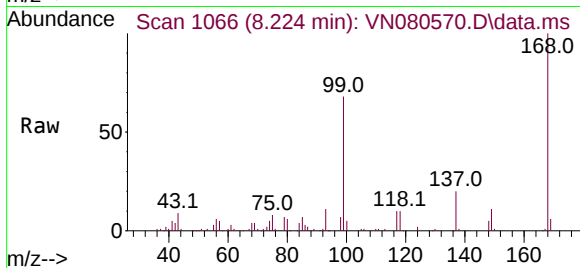
Tgt Ion: 75 Resp: 18636

Ion Ratio Lower Upper

75 100

110 10.9 19.1 57.3#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 4.440 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.141 min

Lab File: VN080570.D

Acq: 21 Dec 2023 13:53

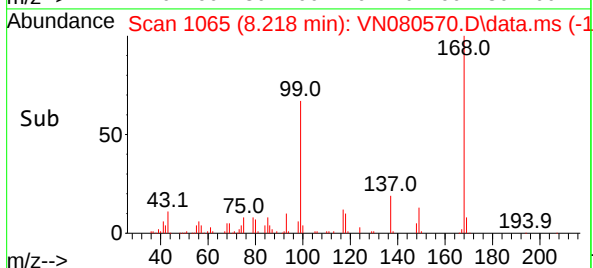
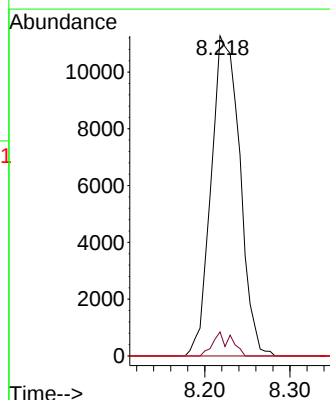
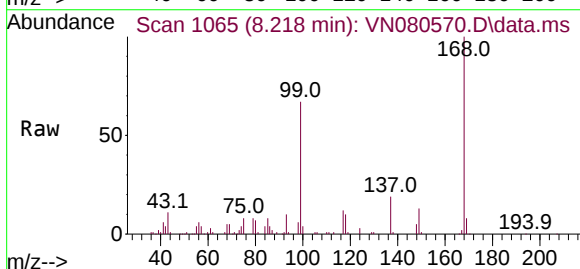
Tgt Ion: 117 Resp: 26382

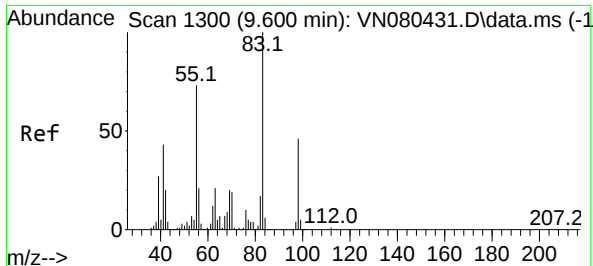
Ion Ratio Lower Upper

117 100

119 7.5 77.3 115.9#

121 0.0 23.3 34.9#

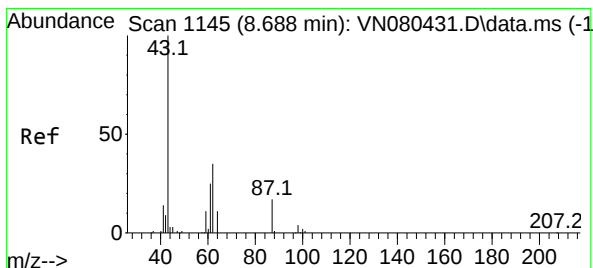
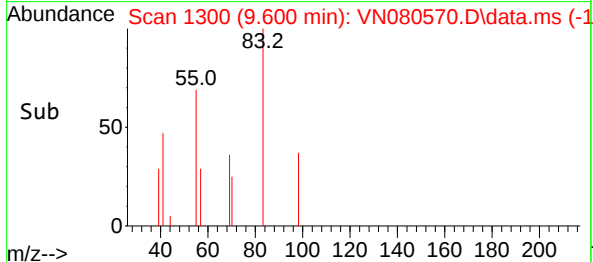
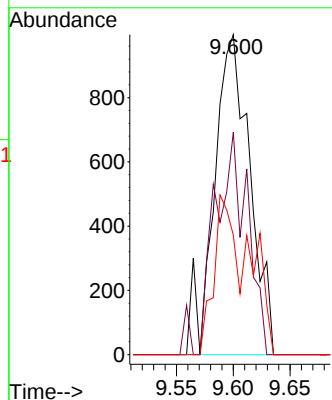
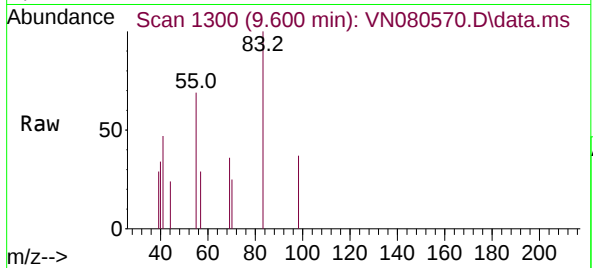




#39
Methylcyclohexane
Concen: 0.423 ug/l
RT: 9.600 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN080570.D
Acq: 21 Dec 2023 13:53

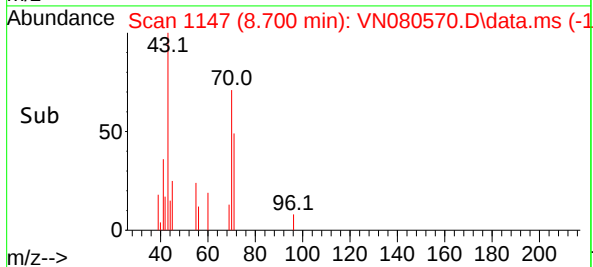
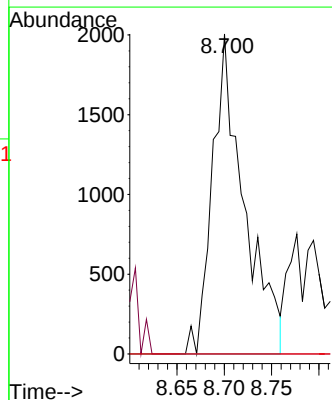
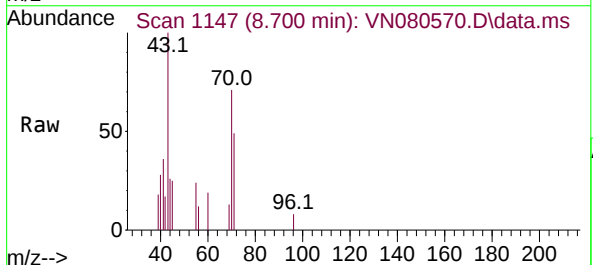
Instrument :
MSVOA_N
ClientSampleId :

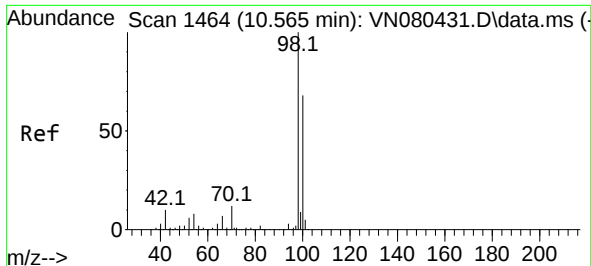
Tgt Ion: 83 Resp: 2184
Ion Ratio Lower Upper
83 100
55 69.5 49.1 73.7
98 37.3 40.6 61.0#



#43
Isopropyl Acetate
Concen: 0.832 ug/l
RT: 8.700 min Scan# 1147
Delta R.T. 0.012 min
Lab File: VN080570.D
Acq: 21 Dec 2023 13:53

Tgt Ion: 43 Resp: 4660
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#

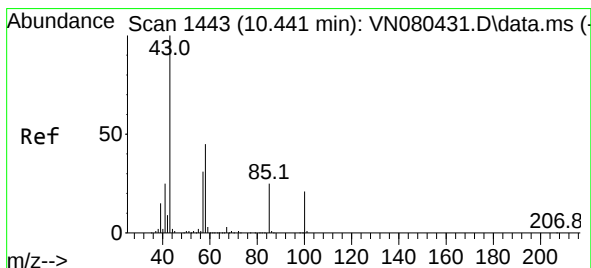
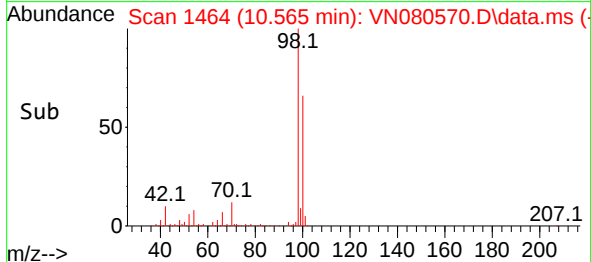
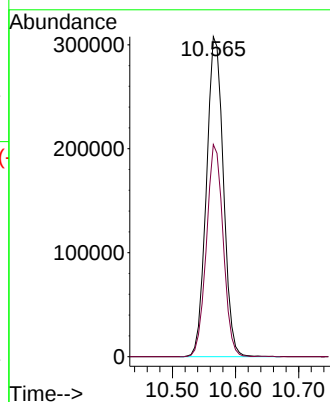
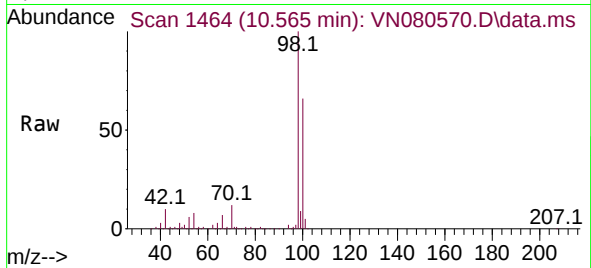




#50
Toluene-d8
Concen: 50.436 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN080570.D
Acq: 21 Dec 2023 13:53

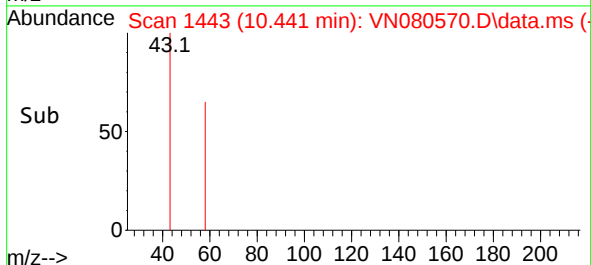
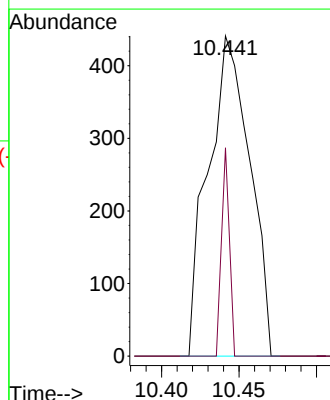
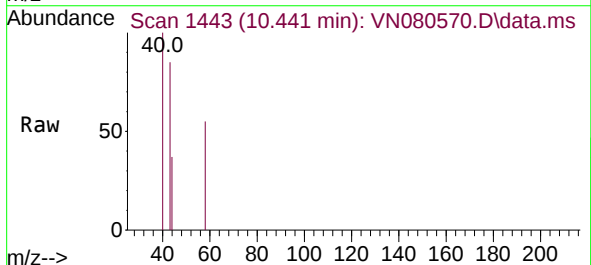
Instrument :
MSVOA_N
ClientSampleId :

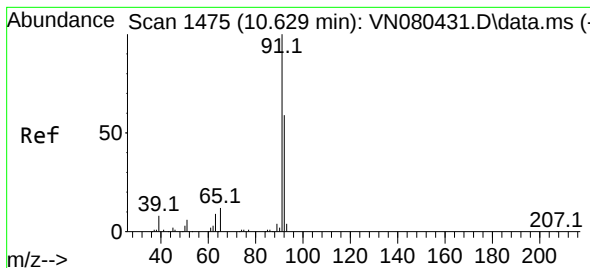
Tgt Ion: 98 Resp: 572045
Ion Ratio Lower Upper
98 100
100 65.5 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.267 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN080570.D
Acq: 21 Dec 2023 13:53

Tgt Ion: 43 Resp: 824
Ion Ratio Lower Upper
43 100
58 0.0 36.6 54.8#





#52

Toluene

Concen: 28.686 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VN080570.D

Acq: 21 Dec 2023 13:53

Instrument :

MSVOA_N

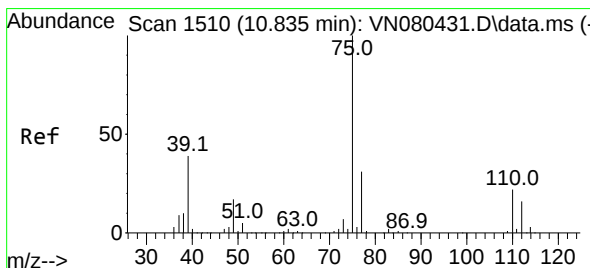
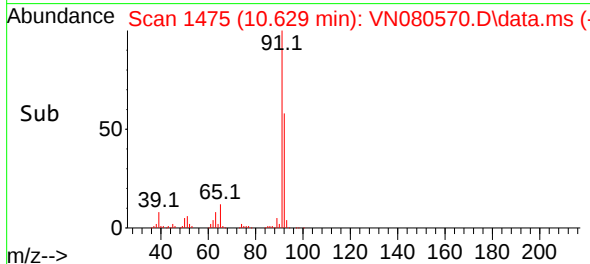
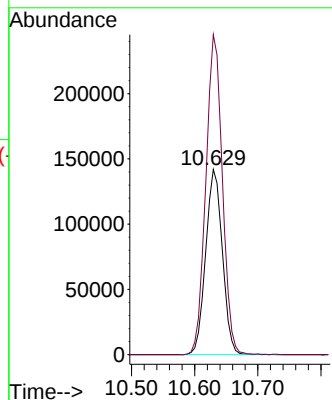
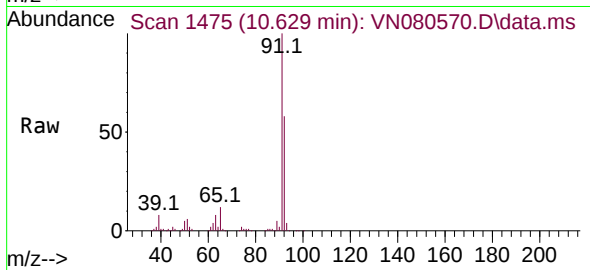
ClientSampleId :

Tgt Ion: 92 Resp: 260210

Ion Ratio Lower Upper

92 100

91 171.3 137.4 206.0



#53

t-1,3-Dichloropropene

Concen: 0.629 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. -0.200 min

Lab File: VN080570.D

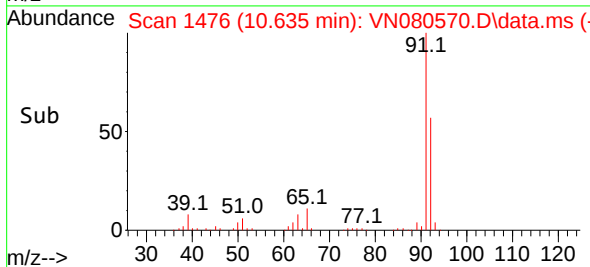
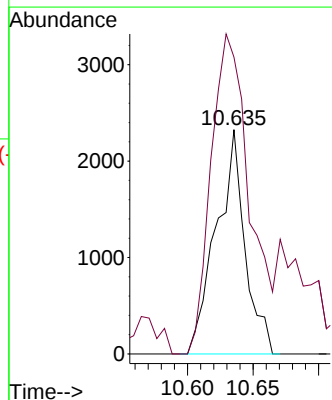
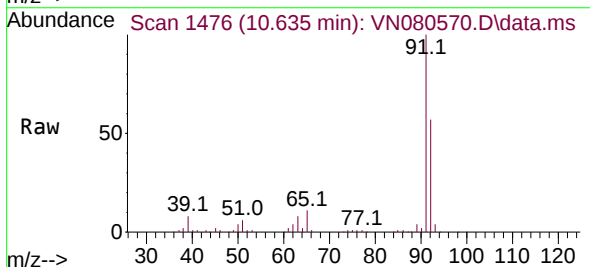
Acq: 21 Dec 2023 13:53

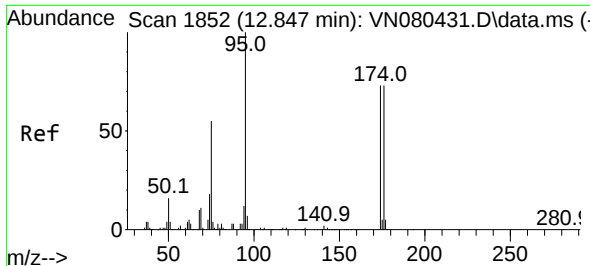
Tgt Ion: 75 Resp: 3535

Ion Ratio Lower Upper

75 100

77 132.3 25.4 38.0#

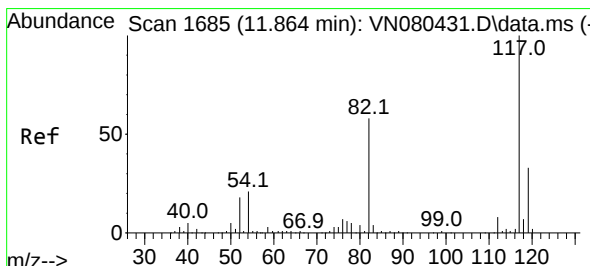
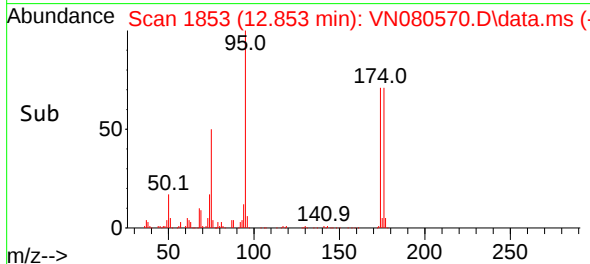
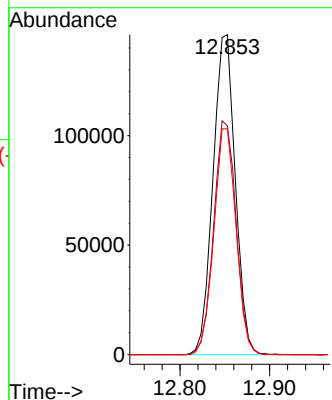
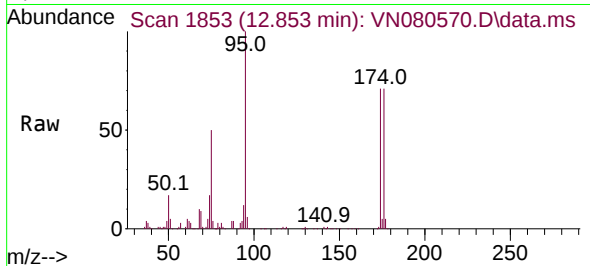




#62
4-Bromofluorobenzene
Concen: 58.470 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080570.D
Acq: 21 Dec 2023 13:53

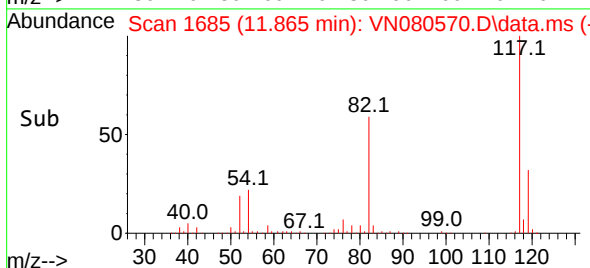
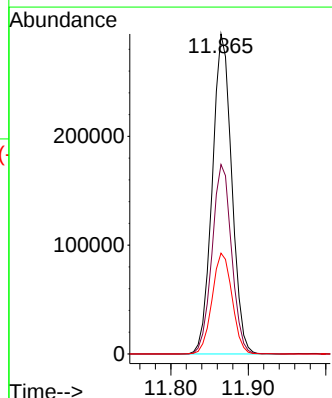
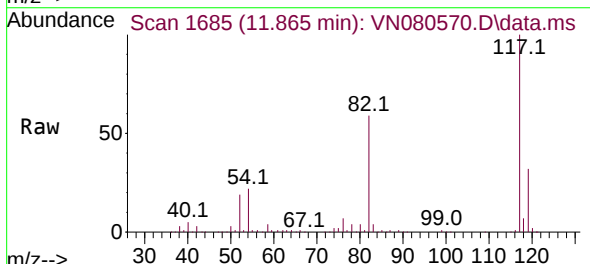
Instrument :
MSVOA_N
ClientSampleId :

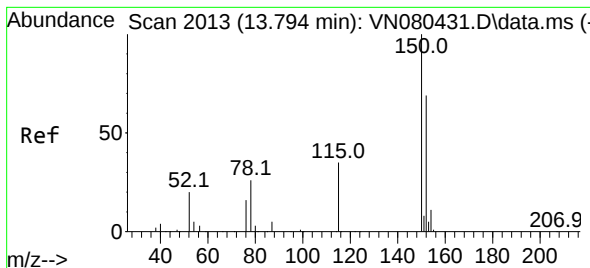
Tgt Ion: 95 Resp: 251824
Ion Ratio Lower Upper
95 100
174 73.8 0.0 143.8
176 70.5 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN080570.D
Acq: 21 Dec 2023 13:53

Tgt Ion: 117 Resp: 513786
Ion Ratio Lower Upper
117 100
82 59.2 44.0 66.0
119 31.5 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

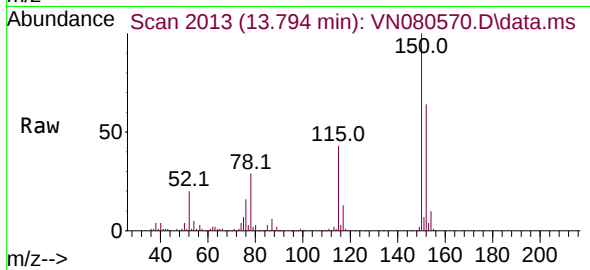
Lab File: VN080570.D

Acq: 21 Dec 2023 13:53

Instrument :

MSVOA_N

ClientSampleId :



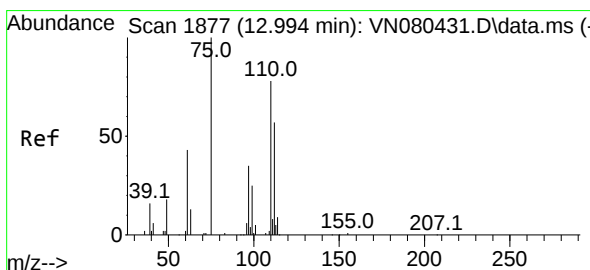
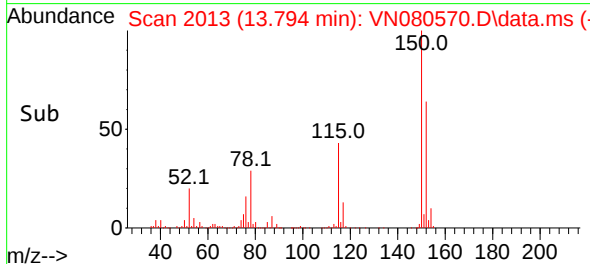
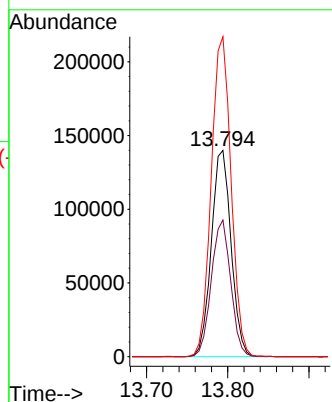
Tgt Ion:152 Resp: 236349

Ion Ratio Lower Upper

152 100

115 65.0 32.3 96.8

150 155.8 0.0 355.8



#76

1,2,3-Trichloropropane

Concen: 27.636 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN080570.D

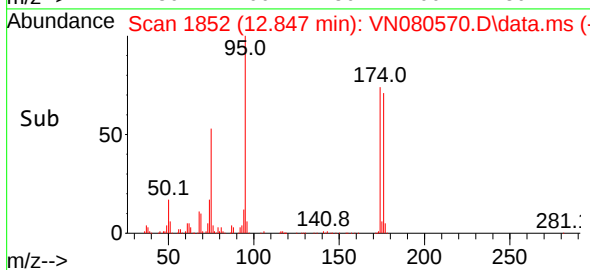
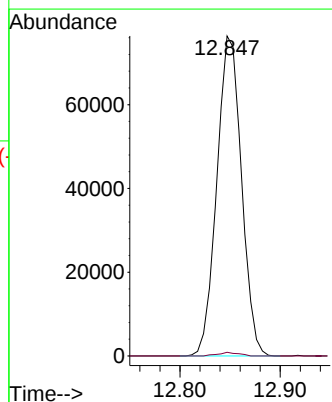
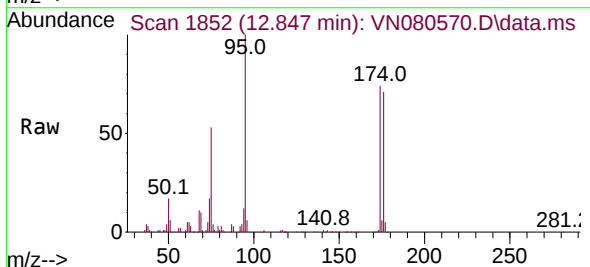
Acq: 21 Dec 2023 13:53

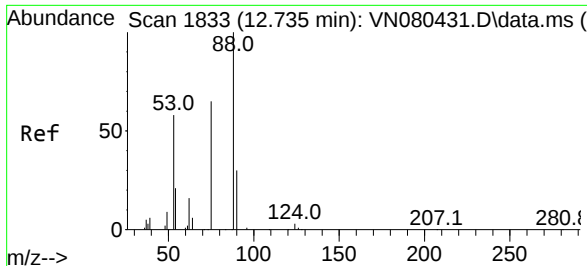
Tgt Ion: 75 Resp: 130305

Ion Ratio Lower Upper

75 100

77 1.0 84.5 253.5#

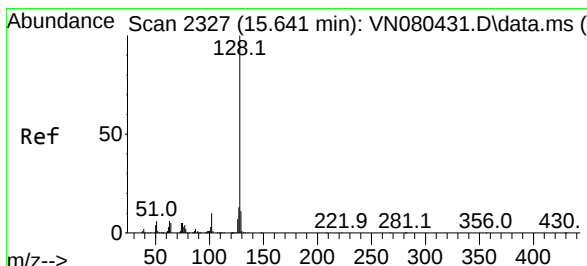
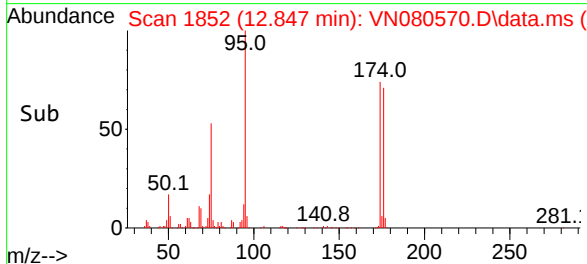
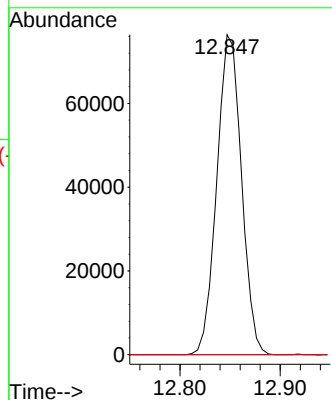
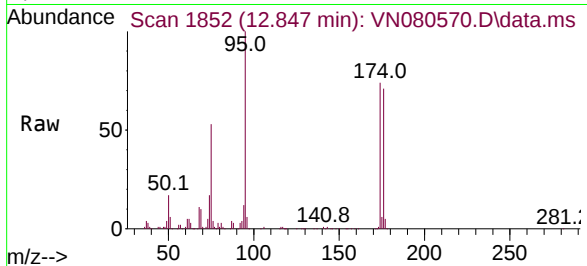




#81
trans-1,4-Dichloro-2-butene
Concen: 72.560 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN080570.D
Acq: 21 Dec 2023 13:53

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 130305
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#



#95
Naphthalene
Concen: 0.201 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. 0.006 min
Lab File: VN080570.D
Acq: 21 Dec 2023 13:53

Tgt Ion:128 Resp: 2652
Ion Ratio Lower Upper
128 100
127 2.0 10.0 15.0#
129 6.8 8.7 13.1#

