

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011224\
 Data File : VN080697.D
 Acq On : 12 Jan 2024 18:06
 Operator : JC\MD
 Sample : P1111-03
 Misc : 2.67g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 12 22:17:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 06:34:36 2024
 Response via : Initial Calibration

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

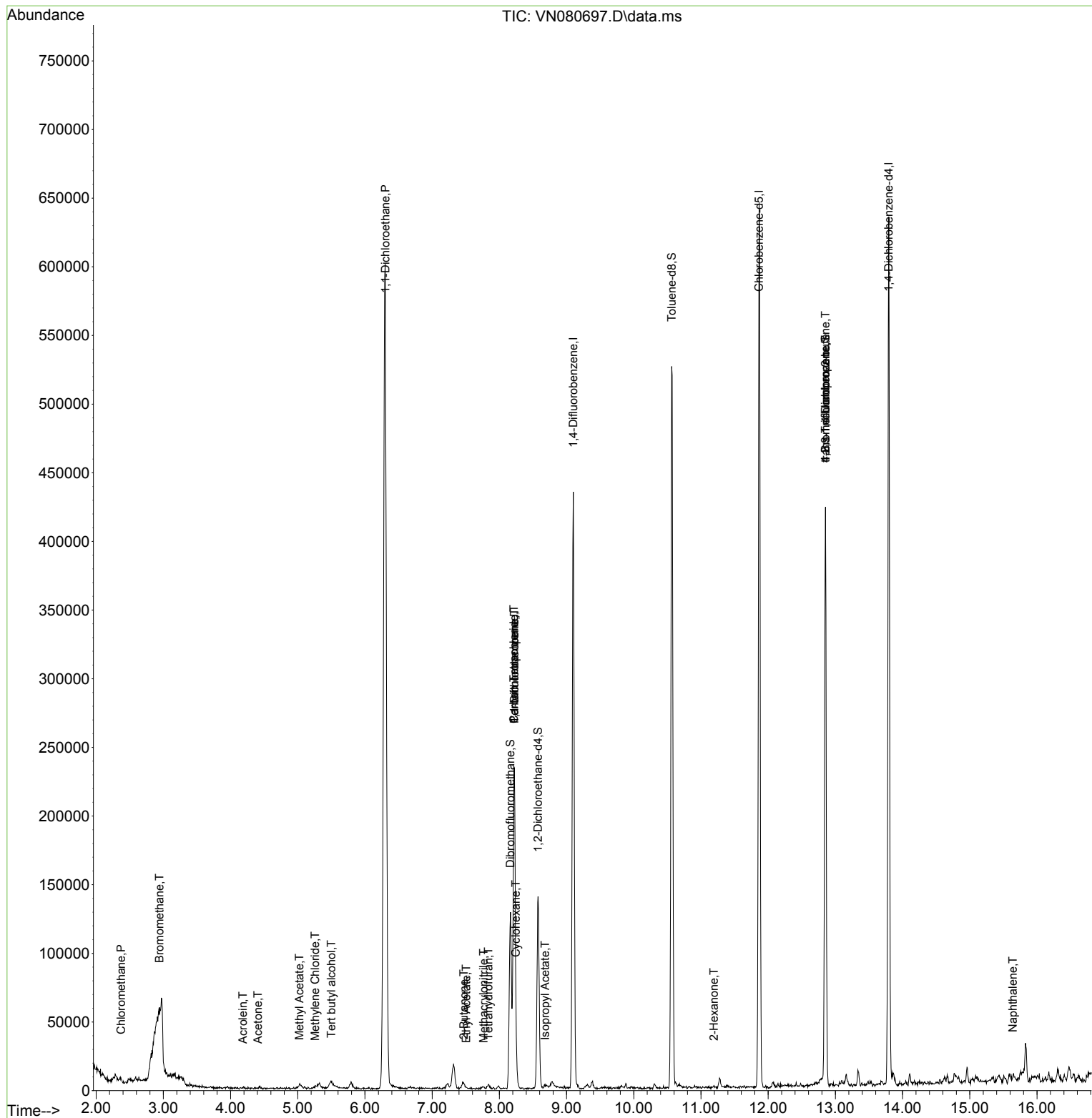
Internal Standards						
1) Pentafluorobenzene	8.224	168	152446	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	337805	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	341632	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	143620	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	110776	41.379	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	82.760%		
35) Dibromofluoromethane	8.165	113	91262	47.549	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.100%		
50) Toluene-d8	10.565	98	364277	49.775	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.540%		
62) 4-Bromofluorobenzene	12.853	95	150378	53.582	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	107.160%		
Target Compounds					Qvalue	
3) Chloromethane	2.371	50	4360	0.928	ug/l #	82
5) Bromomethane	2.942	94	588	0.688	ug/l #	4
6) Chloroethane	3.153	64	79	Below Cal	#	43
11) Tert butyl alcohol	5.500	59	5626	12.426	ug/l #	78
13) Acrolein	4.183	56	91	0.241	ug/l #	1
16) Acetone	4.406	43	203	0.231	ug/l #	40
18) Methyl Acetate	5.024	43	5620	2.147	ug/l #	72
20) Methylene Chloride	5.259	84	767	0.299	ug/l #	58
24) 1,1-Dichloroethane	6.306	63	1269	0.272	ug/l #	81
25) 2-Butanone	7.471	43	509	0.320	ug/l #	37
29) Tetrahydrofuran	7.835	42	855	0.798	ug/l #	46
31) Cyclohexane	8.247	56	12082	2.921	ug/l	93
36) 1,1-Dichloropropene	8.224	75	16563	4.213	ug/l #	46
37) Ethyl Acetate	7.506	43	1131	0.297	ug/l #	71
38) Carbon Tetrachloride	8.218	117	17514	4.961	ug/l #	19
41) Methacrylonitrile	7.765	41	1190	0.538	ug/l #	21
43) Isopropyl Acetate	8.682	43	2007	0.286	ug/l #	49
59) 2-Hexanone	11.194	43	814	0.292	ug/l #	19
76) 1,2,3-Trichloropropane	12.853	75	81689	18.446	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	81689	43.484	ug/l #	15
92) 1,2-Dibromo-3-Chloropr...	14.729	75	60	Below Cal	#	4
95) Naphthalene	15.641	128	2923	0.292	ug/l #	83

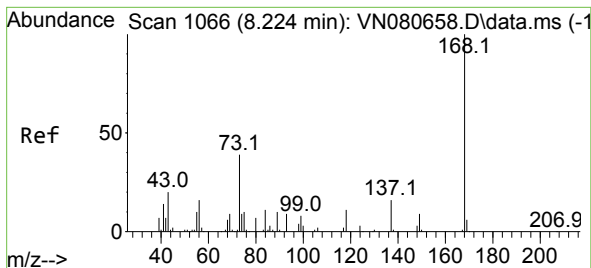
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_N
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Quant Time: Jan 12 22:17:27 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011024W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 11 06:34:36 2024
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: VN080697.D

Acq: 12 Jan 2024 18:06

Instrument :

MSVOA_N

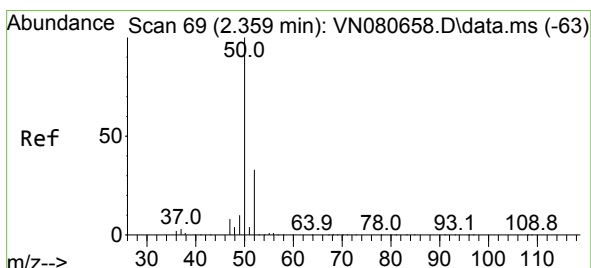
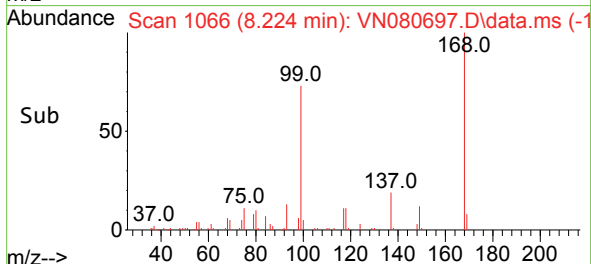
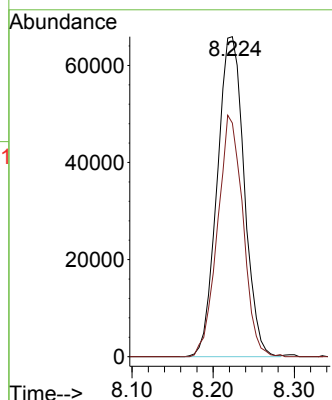
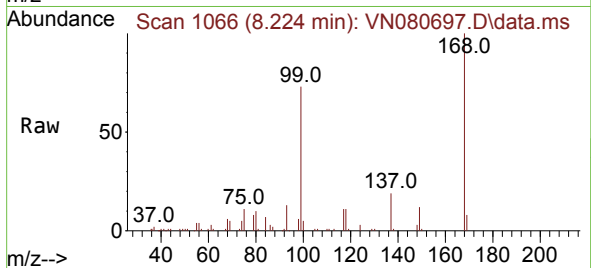
ClientSampleId :

Tgt Ion:168 Resp: 152446

Ion Ratio Lower Upper

168 100

99 73.0 53.0 79.6



#3

Chloromethane

Concen: 0.928 ug/l

RT: 2.371 min Scan# 71

Delta R.T. 0.012 min

Lab File: VN080697.D

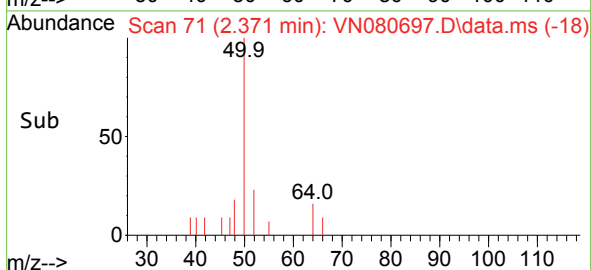
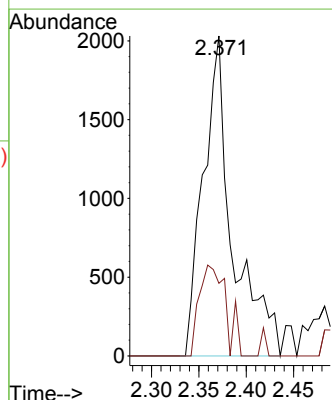
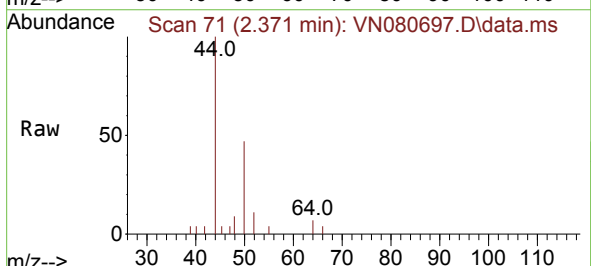
Acq: 12 Jan 2024 18:06

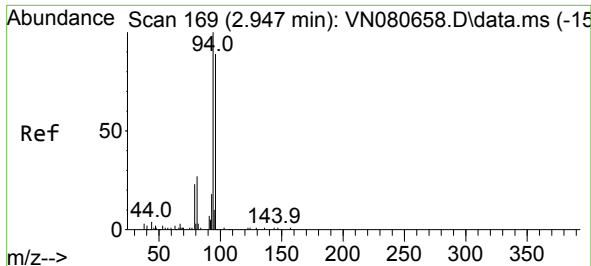
Tgt Ion: 50 Resp: 4360

Ion Ratio Lower Upper

50 100

52 22.7 26.5 39.7#

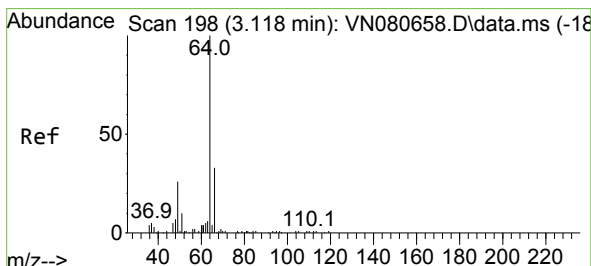
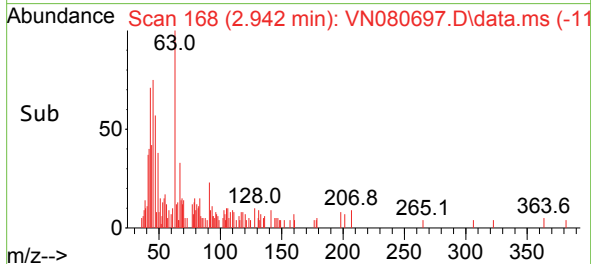
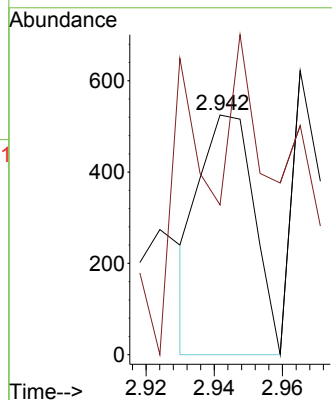
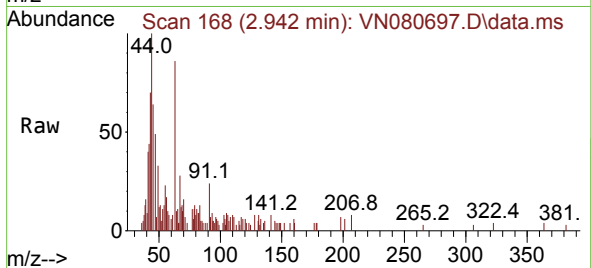




#5
Bromomethane
Concen: 0.688 ug/l
RT: 2.942 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN080697.D
Acq: 12 Jan 2024 18:06

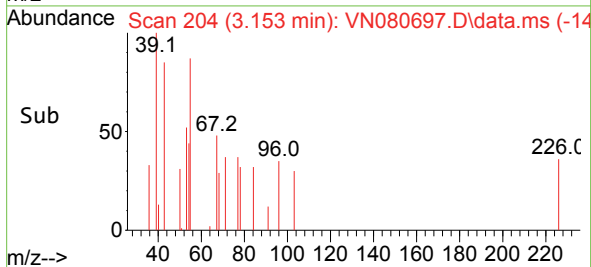
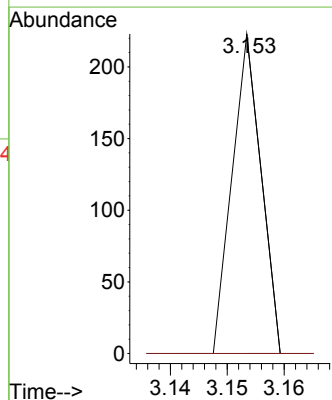
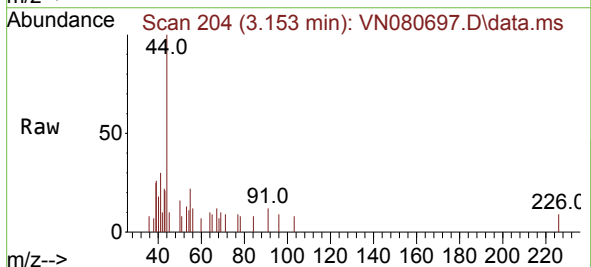
Instrument :
MSVOA_N
ClientSampleId :

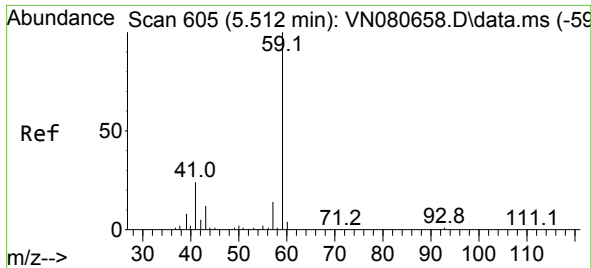
Tgt Ion: 94 Resp: 588
Ion Ratio Lower Upper
94 100
96 0.0 73.1 109.7#



#6
Chloroethane
Concen: Below Cal
RT: 3.153 min Scan# 204
Delta R.T. 0.035 min
Lab File: VN080697.D
Acq: 12 Jan 2024 18:06

Tgt Ion: 64 Resp: 79
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#

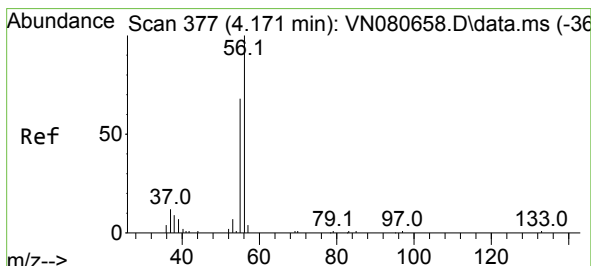
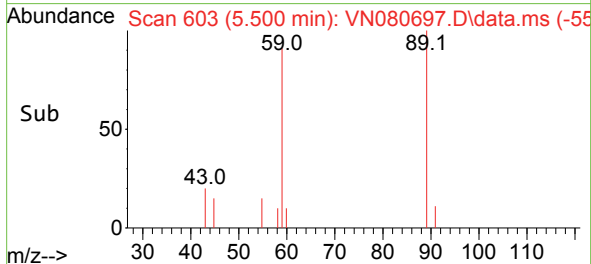
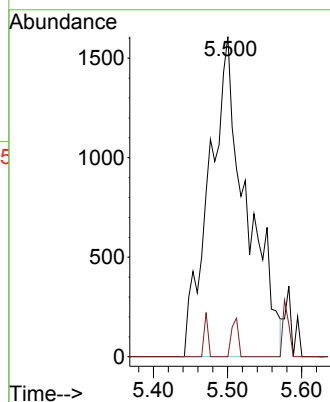
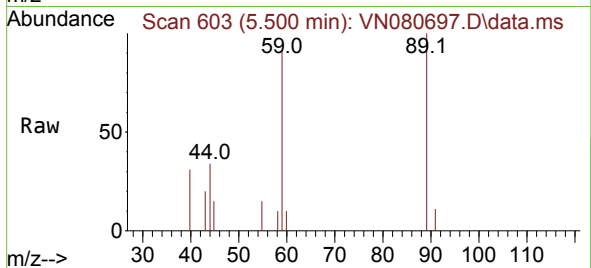




#11
Tert butyl alcohol
Concen: 12.426 ug/l
RT: 5.500 min Scan# 605
Delta R.T. -0.012 min
Lab File: VN080697.D
Acq: 12 Jan 2024 18:06

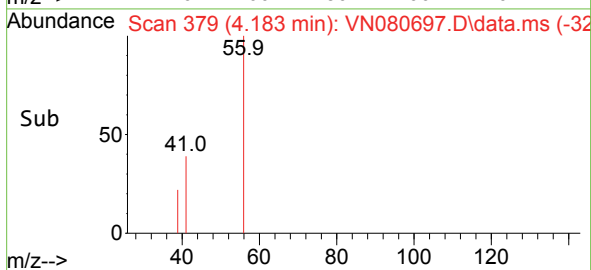
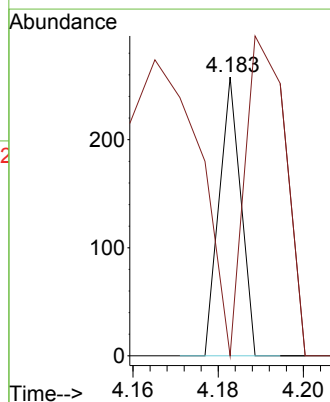
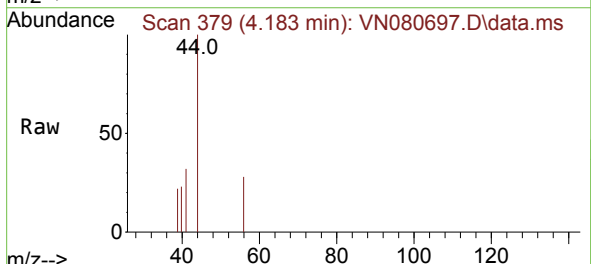
Instrument :
MSVOA_N
ClientSampleId :

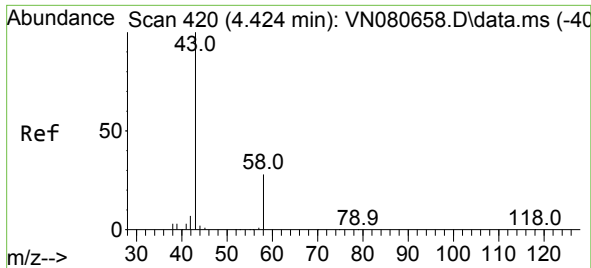
Tgt Ion: 59 Resp: 5626
Ion Ratio Lower Upper
59 100
57 2.2 8.2 12.4#



#13
Acrolein
Concen: 0.241 ug/l
RT: 4.183 min Scan# 379
Delta R.T. 0.012 min
Lab File: VN080697.D
Acq: 12 Jan 2024 18:06

Tgt Ion: 56 Resp: 91
Ion Ratio Lower Upper
56 100
55 212.1 54.5 81.7#

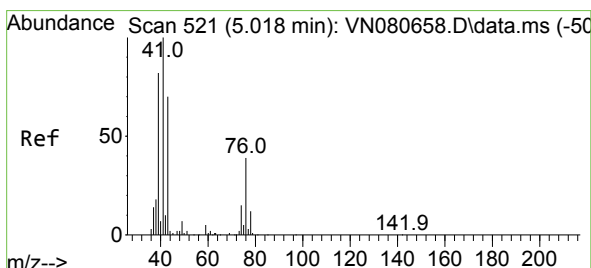
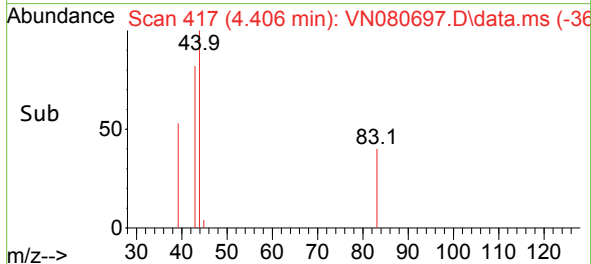
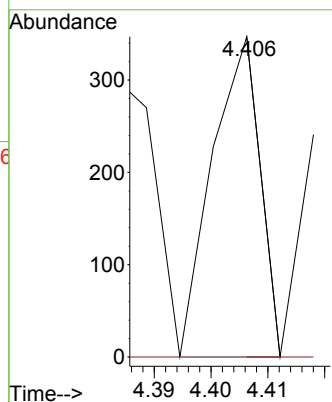
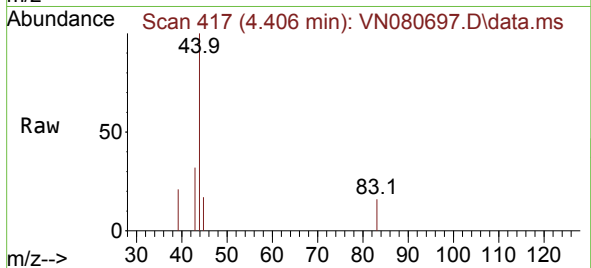




#16
Acetone
Concen: 0.231 ug/l
RT: 4.406 min Scan# 41
Delta R.T. -0.018 min
Lab File: VN080697.D
Acq: 12 Jan 2024 18:06

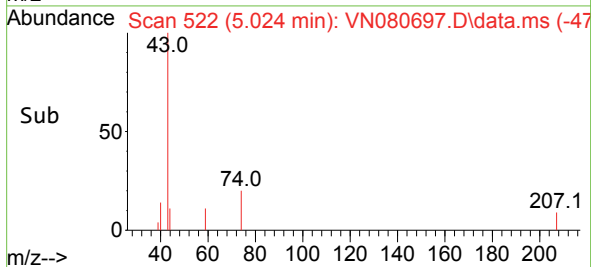
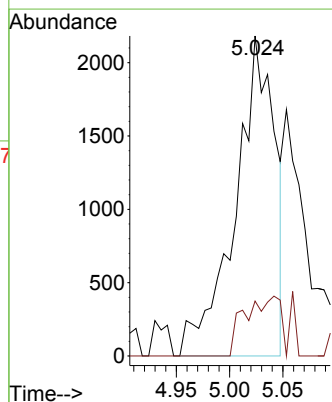
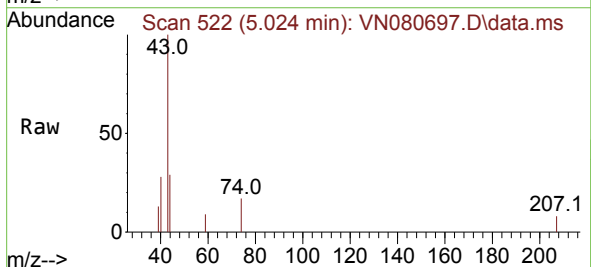
Instrument :
MSVOA_N
ClientSampleId :

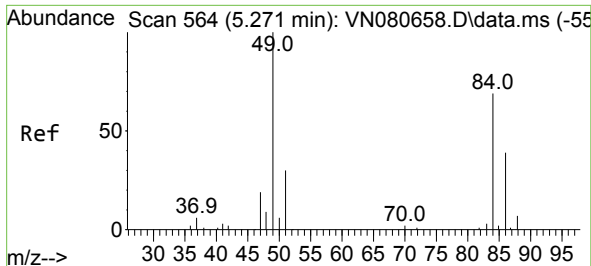
Tgt Ion: 43 Resp: 203
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#



#18
Methyl Acetate
Concen: 2.147 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN080697.D
Acq: 12 Jan 2024 18:06

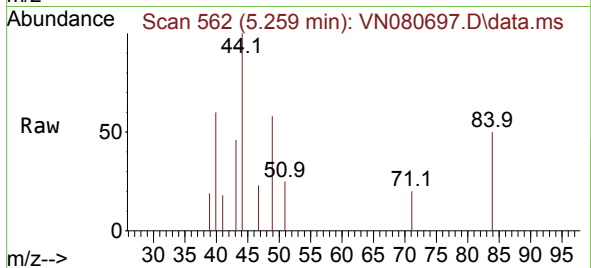
Tgt Ion: 43 Resp: 5620
Ion Ratio Lower Upper
43 100
74 16.9 26.2 39.4#



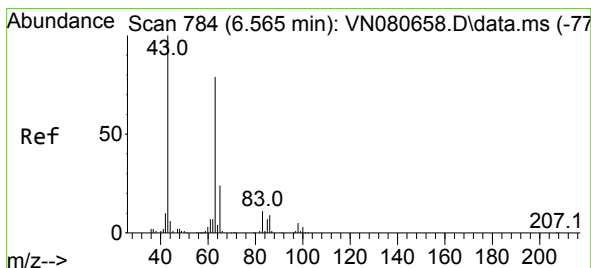
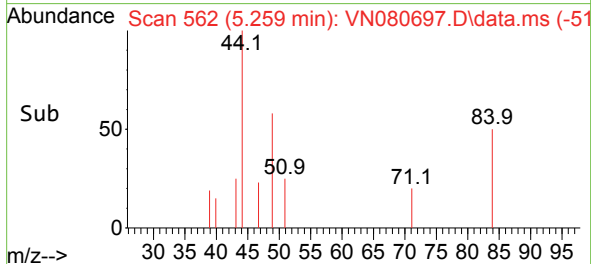
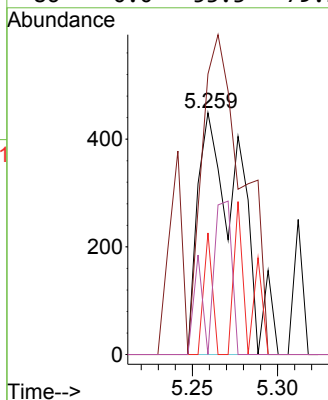


#20
Methylene Chloride
Concen: 0.299 ug/l
RT: 5.259 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN080697.D
Acq: 12 Jan 2024 18:06

Instrument :
MSVOA_N
ClientSampleId :

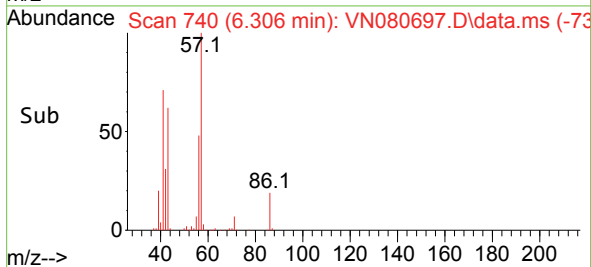
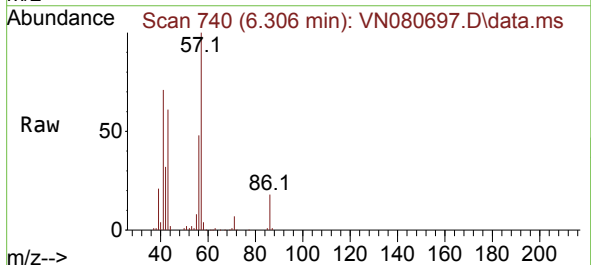
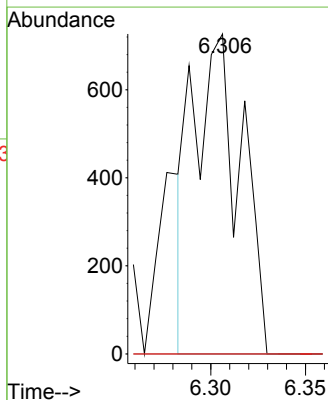


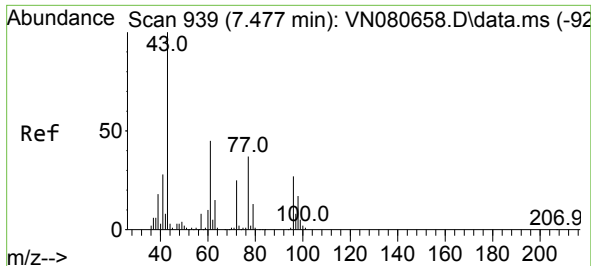
Tgt Ion:	84	Resp:	767
Ion	Ratio	Lower	Upper
84	100		
49	116.0	79.7	119.5
51	50.3	25.2	37.8#
86	0.0	53.3	79.9#



#24
1,1-Dichloroethane
Concen: 0.272 ug/l
RT: 6.306 min Scan# 740
Delta R.T. -0.259 min
Lab File: VN080697.D
Acq: 12 Jan 2024 18:06

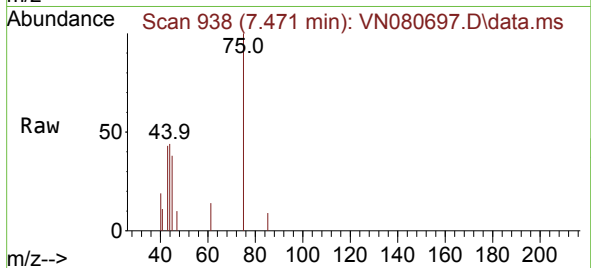
Tgt Ion:	63	Resp:	1269
Ion	Ratio	Lower	Upper
63	100		
98	0.0	3.9	11.7#
100	0.0	2.5	7.4#



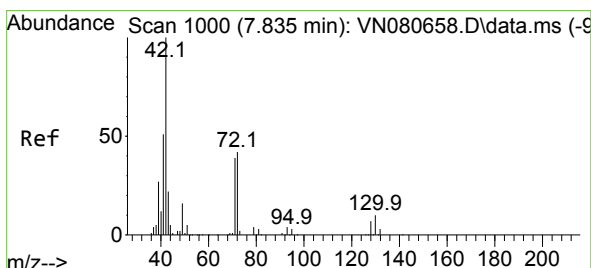
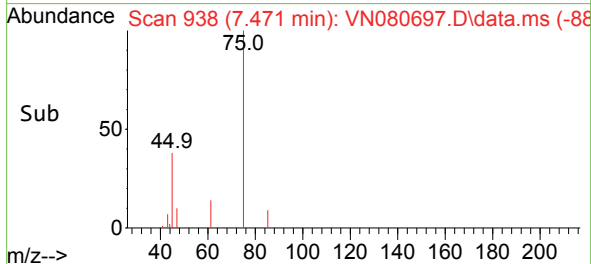
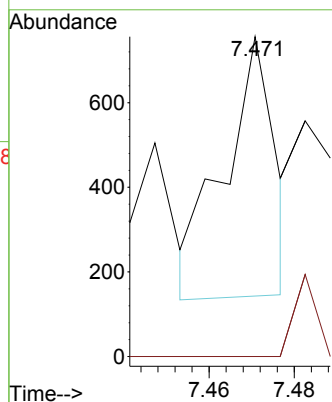


#25
2-Butanone
Concen: 0.320 ug/l
RT: 7.471 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN080697.D
Acq: 12 Jan 2024 18:06

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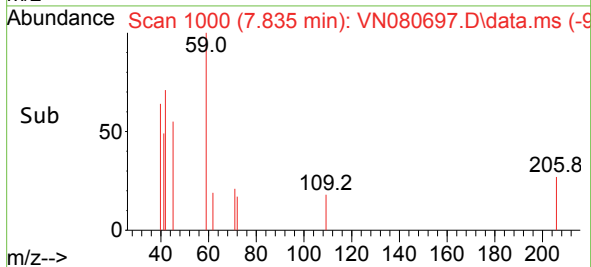
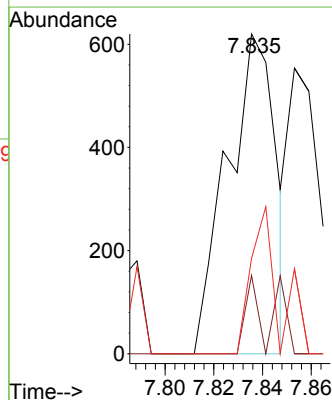
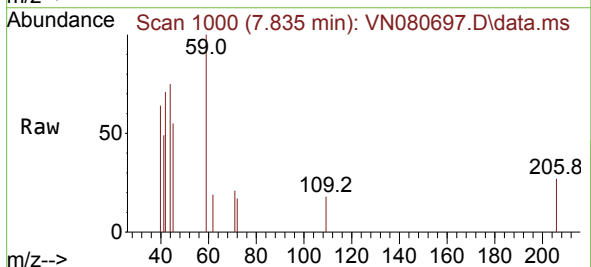


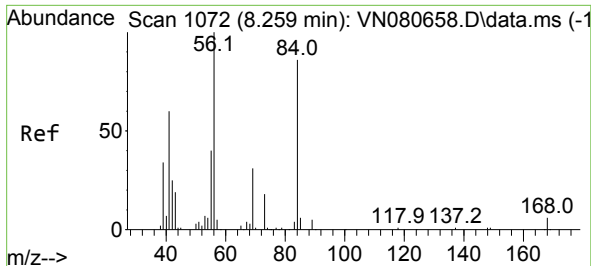
Tgt Ion: 43 Resp: 509
Ion Ratio Lower Upper
43 100
72 0.0 30.2 45.2#



#29
Tetrahydrofuran
Concen: 0.798 ug/l
RT: 7.835 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VN080697.D
Acq: 12 Jan 2024 18:06

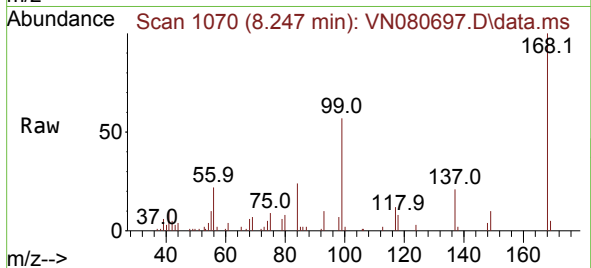
Tgt Ion: 42 Resp: 855
Ion Ratio Lower Upper
42 100
72 12.5 49.8 74.6#
71 26.2 47.4 71.2#



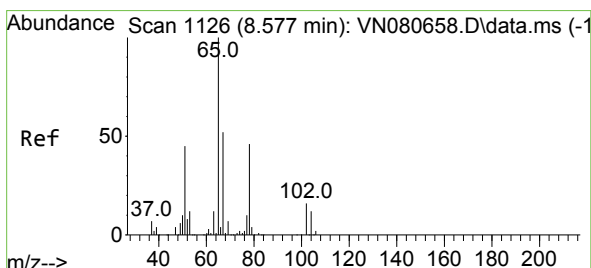
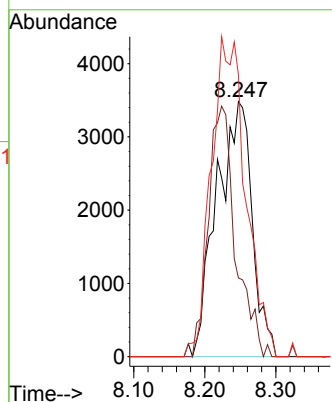
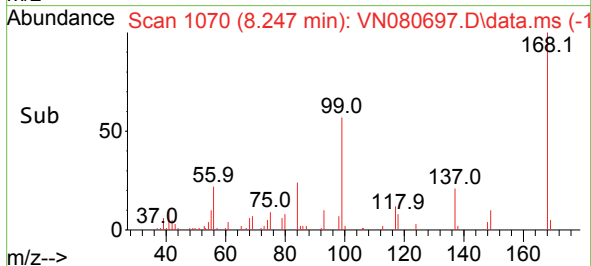


#31
Cyclohexane
Concen: 2.921 ug/l
RT: 8.247 min Scan# 1070
Delta R.T. -0.012 min
Lab File: VN080697.D
Acq: 12 Jan 2024 18:06

Instrument :
MSVOA_N
ClientSampleId :

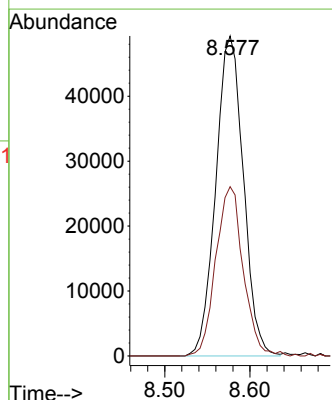
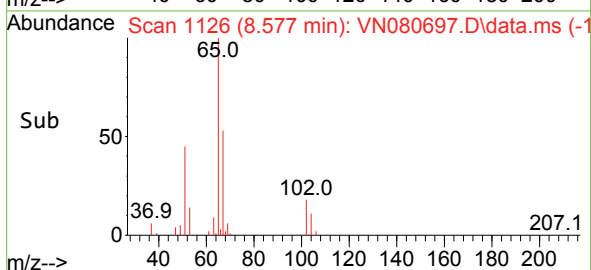
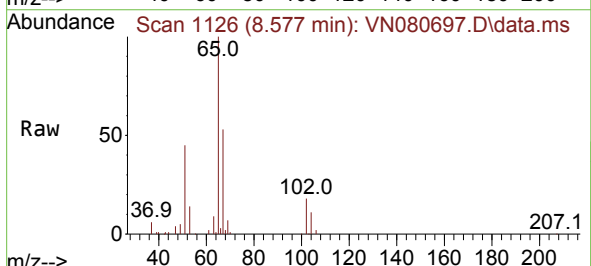


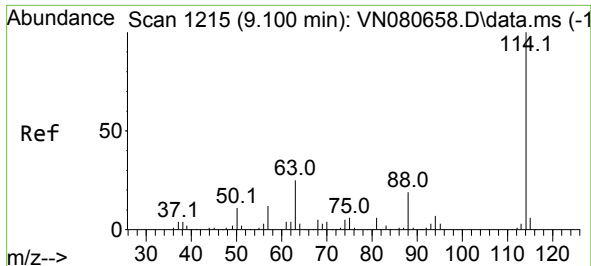
Tgt Ion: 56 Resp: 12082
Ion Ratio Lower Upper
56 100
69 30.9 26.8 40.2
84 110.5 81.8 122.6



#33
1,2-Dichloroethane-d4
Concen: 41.379 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN080697.D
Acq: 12 Jan 2024 18:06

Tgt Ion: 65 Resp: 110776
Ion Ratio Lower Upper
65 100
67 52.6 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: VN080697.D

Acq: 12 Jan 2024 18:06

Instrument :

MSVOA_N

ClientSampleId :

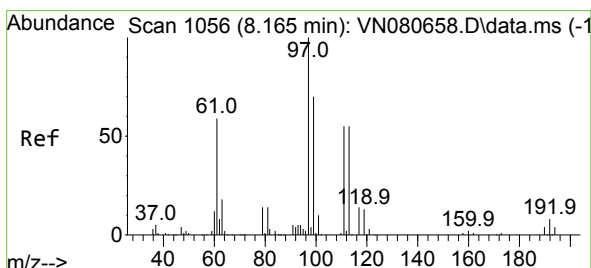
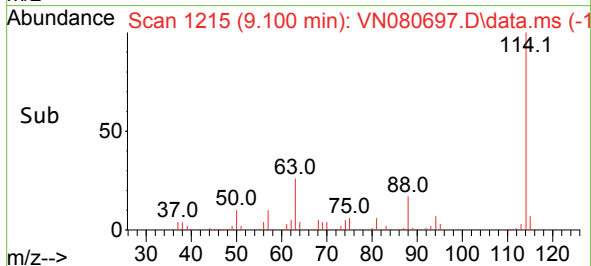
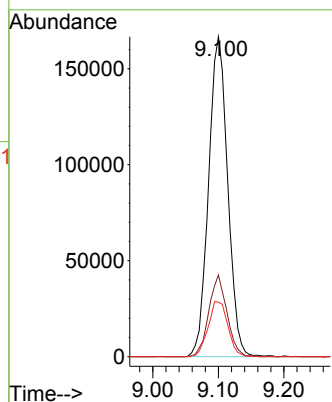
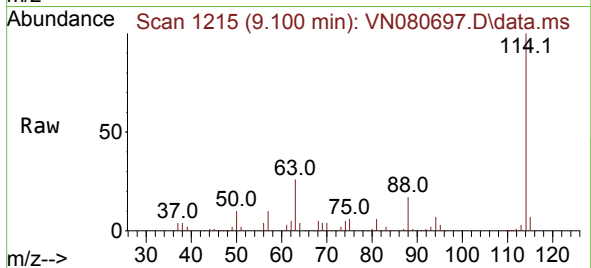
Tgt Ion:114 Resp: 337805

Ion Ratio Lower Upper

114 100

63 25.5 0.0 36.4

88 17.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 47.549 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN080697.D

Acq: 12 Jan 2024 18:06

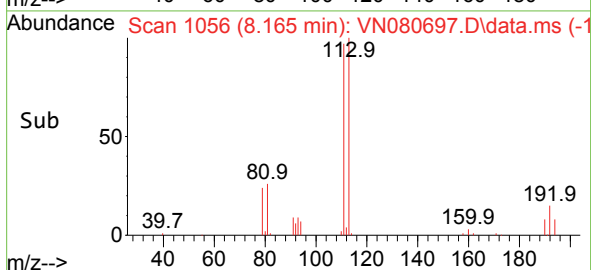
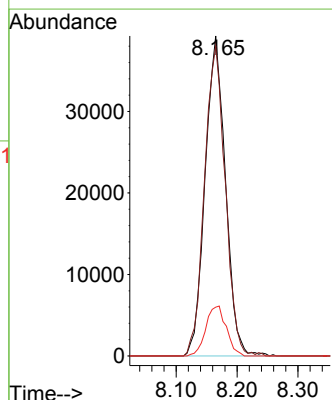
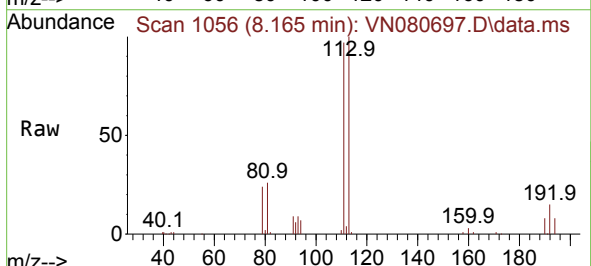
Tgt Ion:113 Resp: 91262

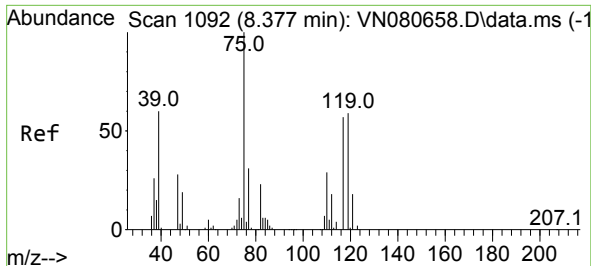
Ion Ratio Lower Upper

113 100

111 98.8 82.6 123.8

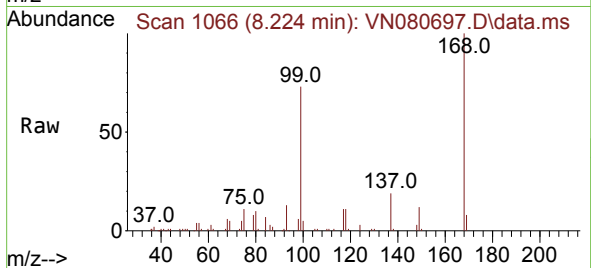
192 15.6 12.7 19.1



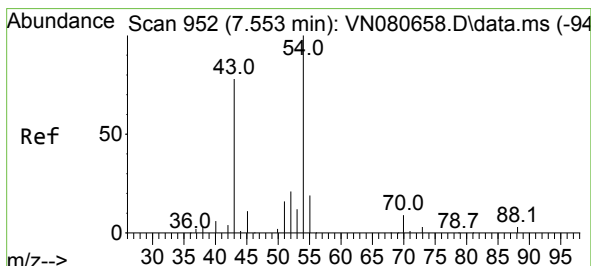
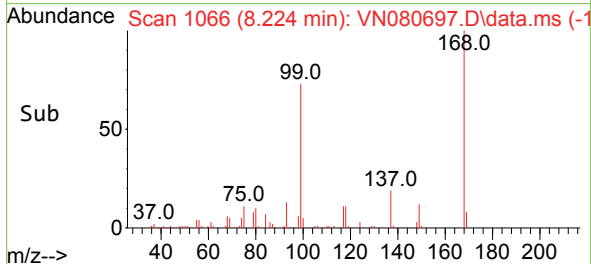
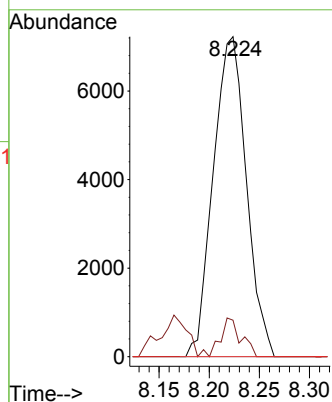


#36
1,1-Dichloropropene
Concen: 4.213 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.153 min
Lab File: VN080697.D
Acq: 12 Jan 2024 18:06

Instrument :
MSVOA_N
ClientSampleId :

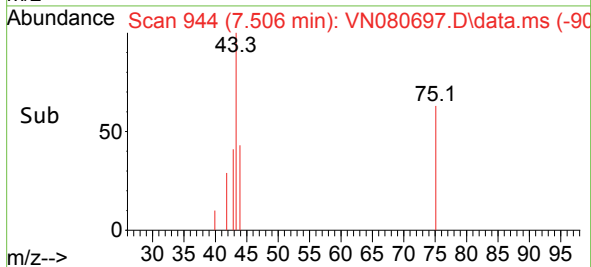
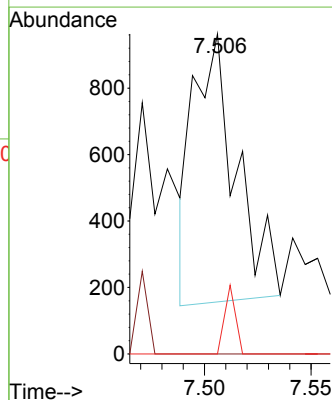
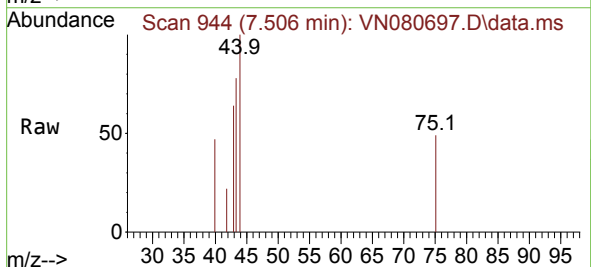


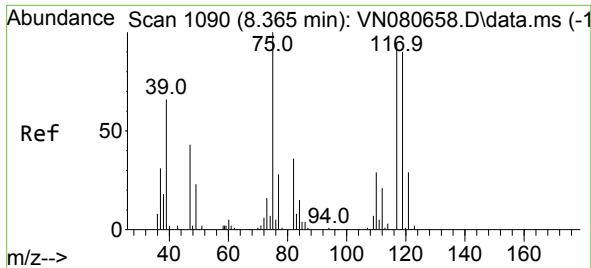
Tgt Ion: 75 Resp: 16563
Ion Ratio Lower Upper
75 100
110 7.3 19.1 57.3#
77 0.0 25.0 37.4#



#37
Ethyl Acetate
Concen: 0.297 ug/l
RT: 7.506 min Scan# 944
Delta R.T. -0.047 min
Lab File: VN080697.D
Acq: 12 Jan 2024 18:06

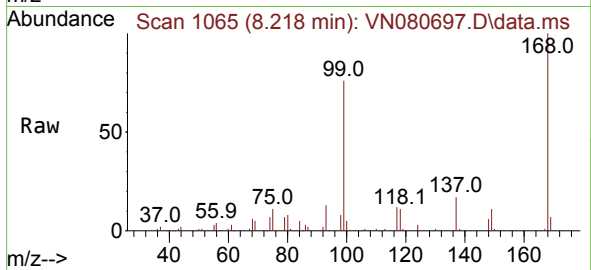
Tgt Ion: 43 Resp: 1131
Ion Ratio Lower Upper
43 100
61 0.0 13.2 19.8#
70 6.5 11.3 16.9#



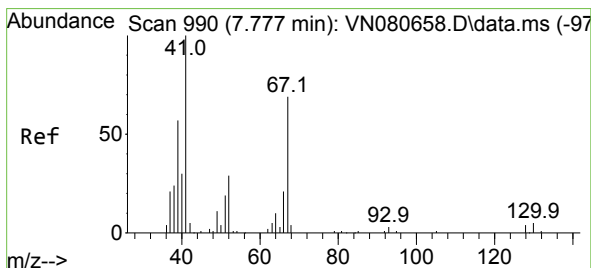
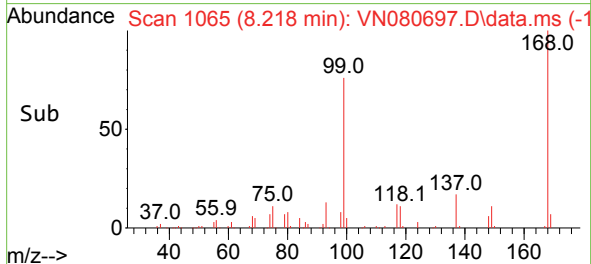
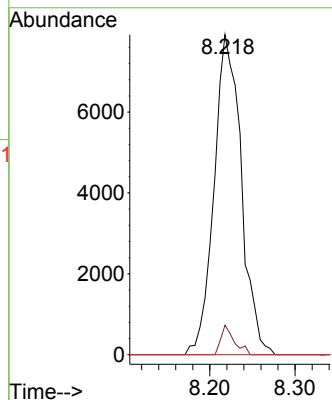


#38
Carbon Tetrachloride
Concen: 4.961 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.147 min
Lab File: VN080697.D
Acq: 12 Jan 2024 18:06

Instrument :
MSVOA_N
ClientSampleId :

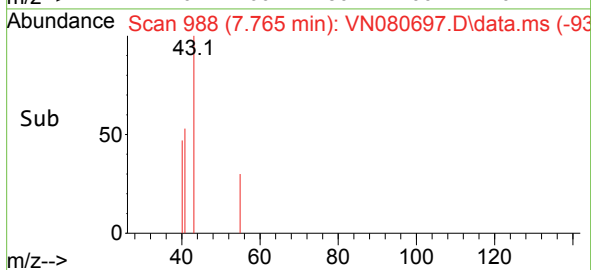
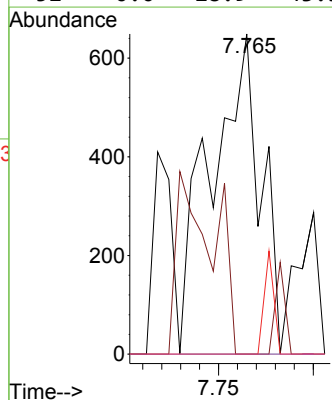
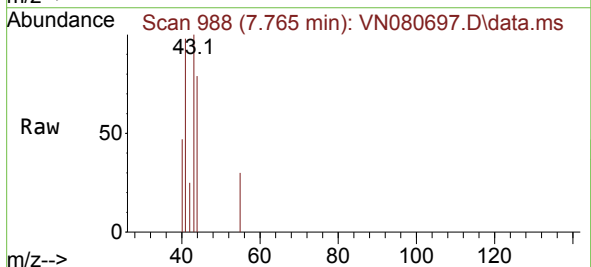


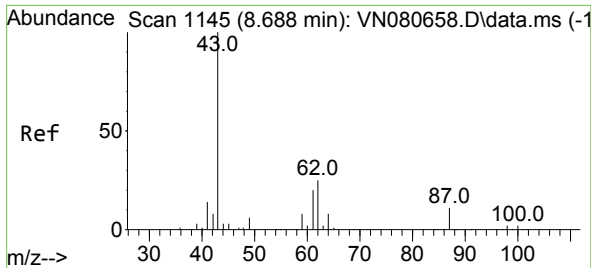
Tgt Ion:117 Resp: 17514
Ion Ratio Lower Upper
117 100
119 9.2 77.3 115.9#
121 0.0 23.3 34.9#



#41
Methacrylonitrile
Concen: 0.538 ug/l
RT: 7.765 min Scan# 988
Delta R.T. -0.012 min
Lab File: VN080697.D
Acq: 12 Jan 2024 18:06

Tgt Ion: 41 Resp: 1190
Ion Ratio Lower Upper
41 100
39 5.5 42.6 64.0#
67 6.2 77.5 116.3#
52 0.0 28.9 43.3#

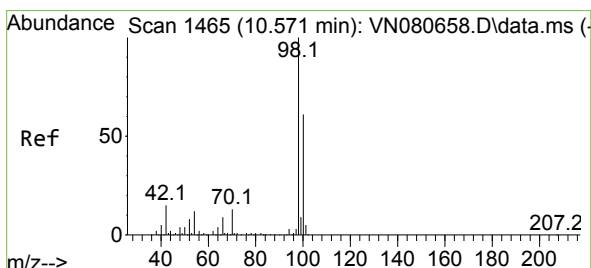
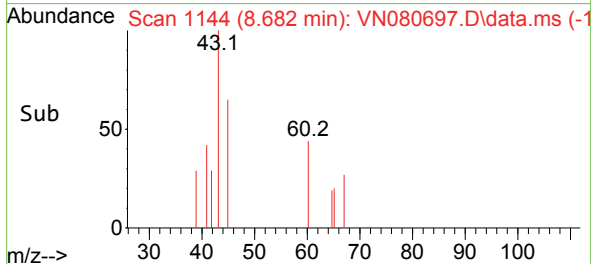
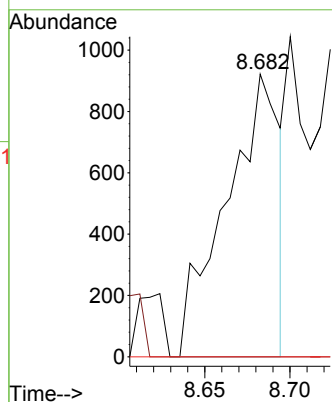
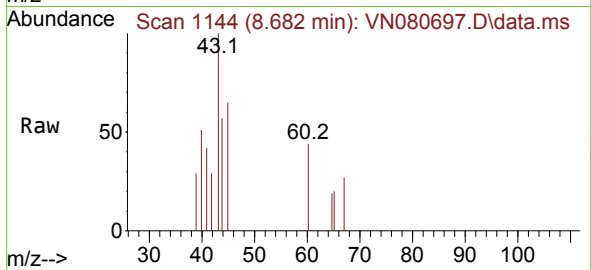




#43
Isopropyl Acetate
Concen: 0.286 ug/l
RT: 8.682 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN080697.D
Acq: 12 Jan 2024 18:06

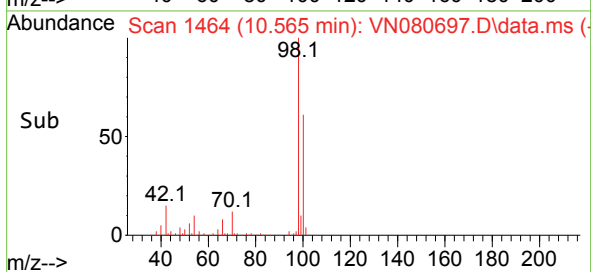
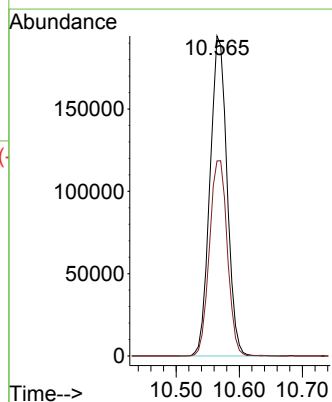
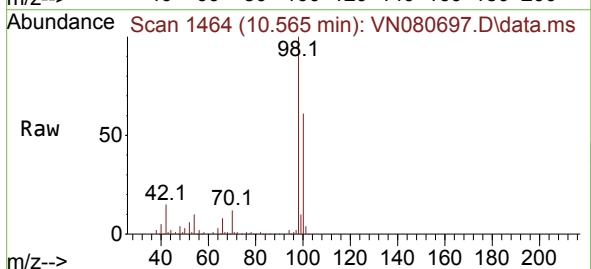
Instrument :
MSVOA_N
ClientSampleId :

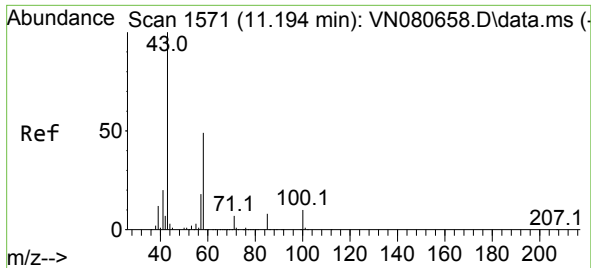
Tgt Ion: 43 Resp: 2007
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#



#50
Toluene-d8
Concen: 49.775 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN080697.D
Acq: 12 Jan 2024 18:06

Tgt Ion: 98 Resp: 364277
Ion Ratio Lower Upper
98 100
100 63.9 52.0 78.0

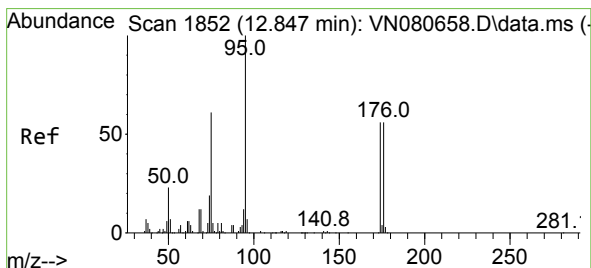
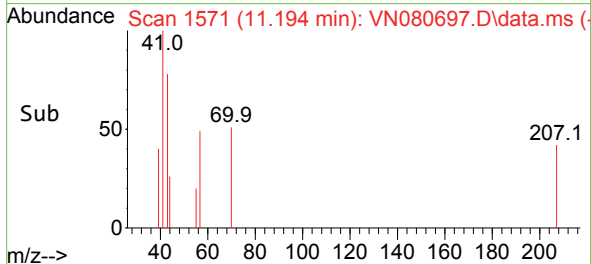
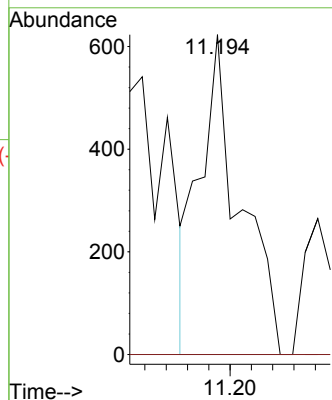
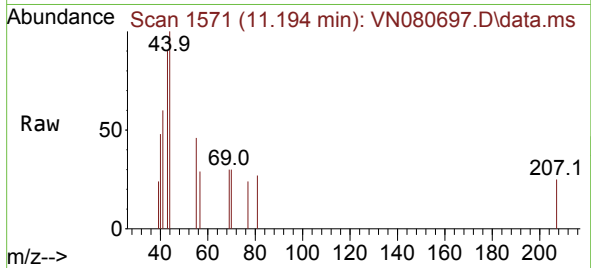




#59
2-Hexanone
Concen: 0.292 ug/l
RT: 11.194 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080697.D
Acq: 12 Jan 2024 18:06

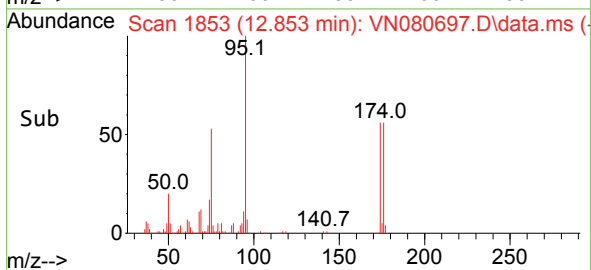
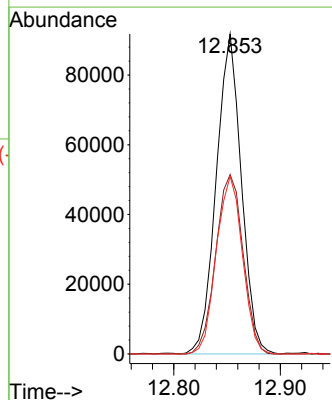
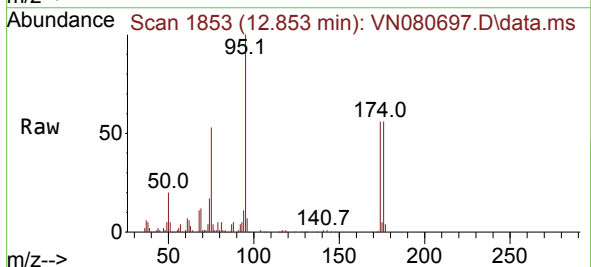
Instrument :
MSVOA_N
ClientSampleId :

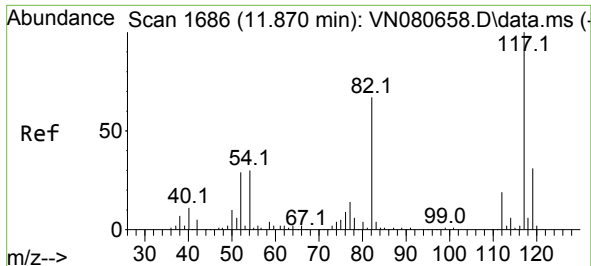
Tgt Ion: 43 Resp: 814
Ion Ratio Lower Upper
43 100
58 0.0 31.7 95.1#



#62
4-Bromofluorobenzene
Concen: 53.582 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080697.D
Acq: 12 Jan 2024 18:06

Tgt Ion: 95 Resp: 150378
Ion Ratio Lower Upper
95 100
174 61.0 0.0 143.8
176 57.5 0.0 135.8

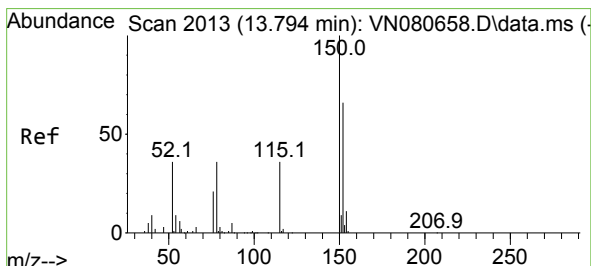
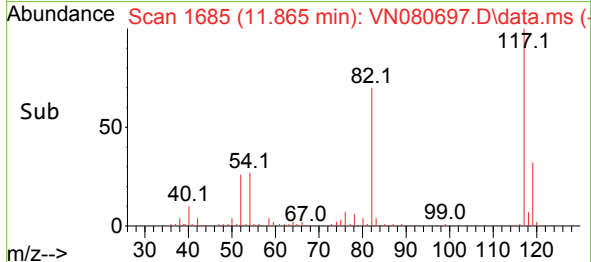
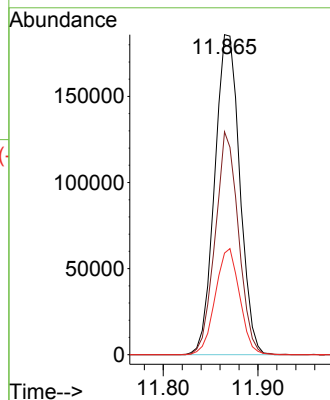
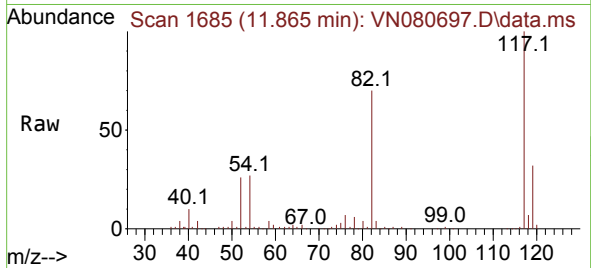




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN080697.D
Acq: 12 Jan 2024 18:06

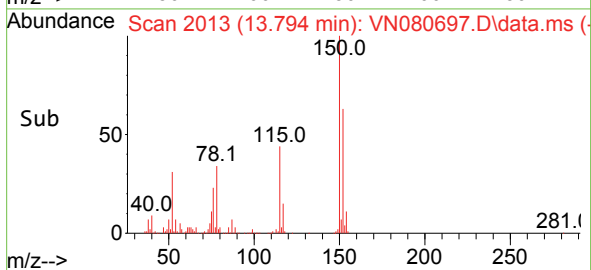
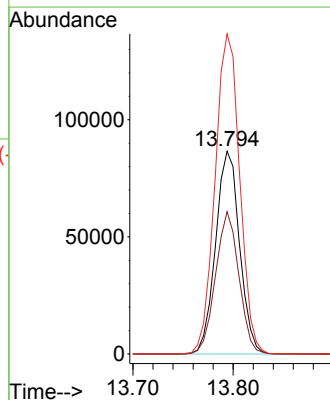
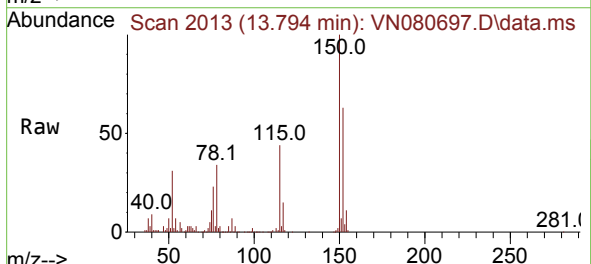
Instrument :
MSVOA_N
ClientSampleId :

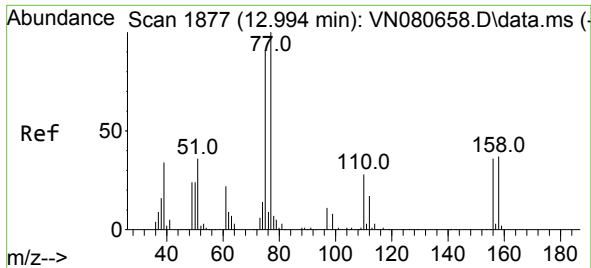
Tgt Ion:117 Resp: 341632
Ion Ratio Lower Upper
117 100
82 69.6 44.0 66.0#
119 31.8 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080697.D
Acq: 12 Jan 2024 18:06

Tgt Ion:152 Resp: 143620
Ion Ratio Lower Upper
152 100
115 68.4 32.3 96.8
150 162.5 0.0 355.8

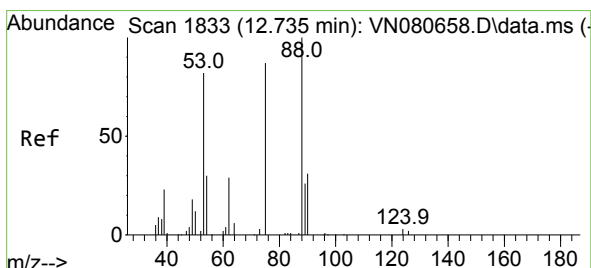
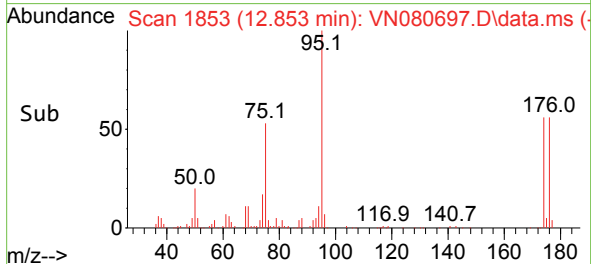
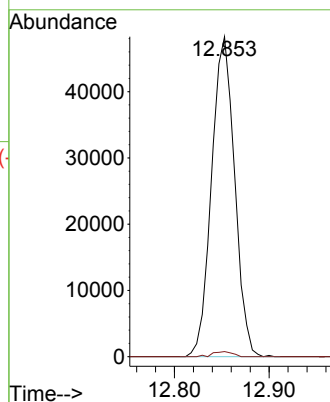
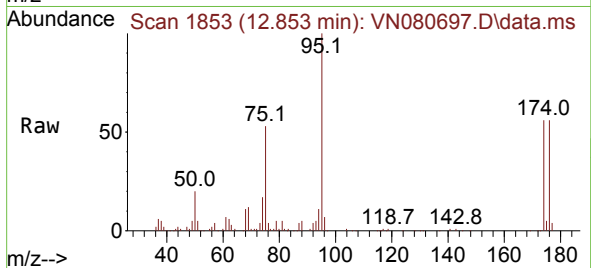




#76
1,2,3-Trichloropropane
Concen: 18.446 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN080697.D
Acq: 12 Jan 2024 18:06

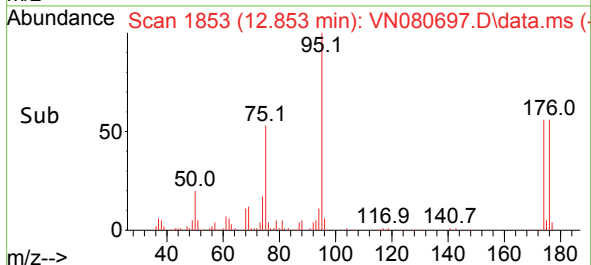
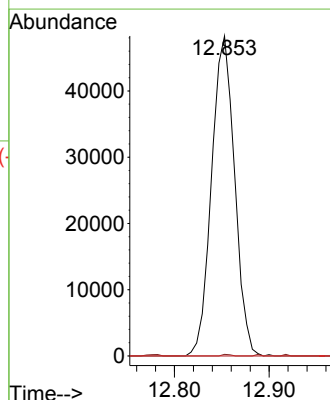
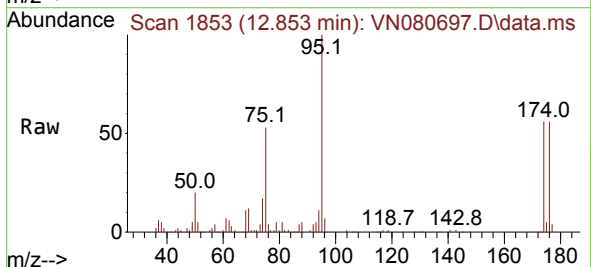
Instrument :
MSVOA_N
ClientSampleId :

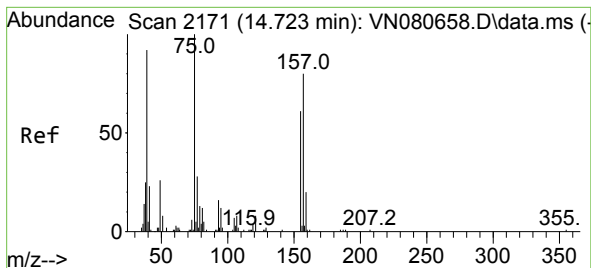
Tgt Ion: 75 Resp: 81689
Ion Ratio Lower Upper
75 100
77 1.4 84.5 253.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 43.484 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.118 min
Lab File: VN080697.D
Acq: 12 Jan 2024 18:06

Tgt Ion: 75 Resp: 81689
Ion Ratio Lower Upper
75 100
53 0.2 67.4 101.2#
89 0.0 38.8 58.2#

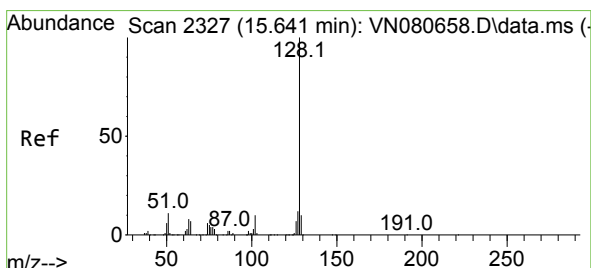
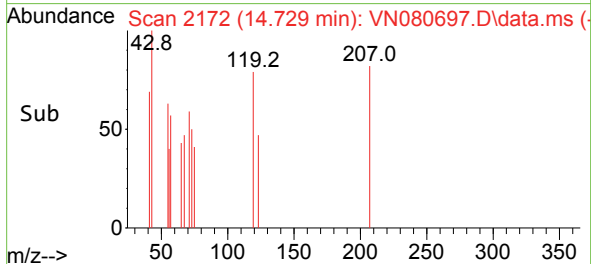
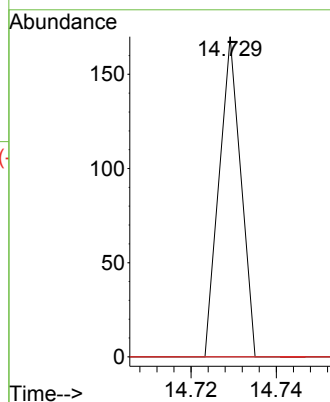
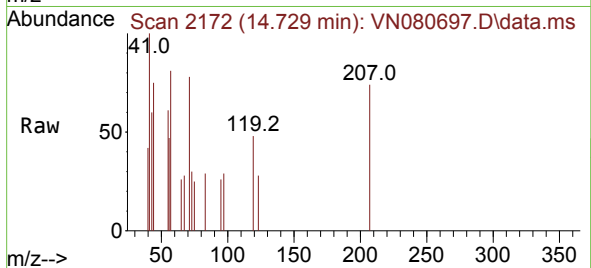




#92
1,2-Dibromo-3-Chloropropane
Concen: Below Cal
RT: 14.729 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VN080697.D
Acq: 12 Jan 2024 18:06

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 60
Ion Ratio Lower Upper
75 100
155 0.0 39.1 117.2#
157 0.0 50.3 150.9#



#95
Naphthalene
Concen: 0.292 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN080697.D
Acq: 12 Jan 2024 18:06

Tgt Ion: 128 Resp: 2923
Ion Ratio Lower Upper
128 100
127 17.1 10.0 15.0#
129 2.0 8.7 13.1#

