

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111623\
 Data File : VN080145.D
 Acq On : 16 Nov 2023 19:57
 Operator : JC\MD
 Sample : 05381-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 17 01:28:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

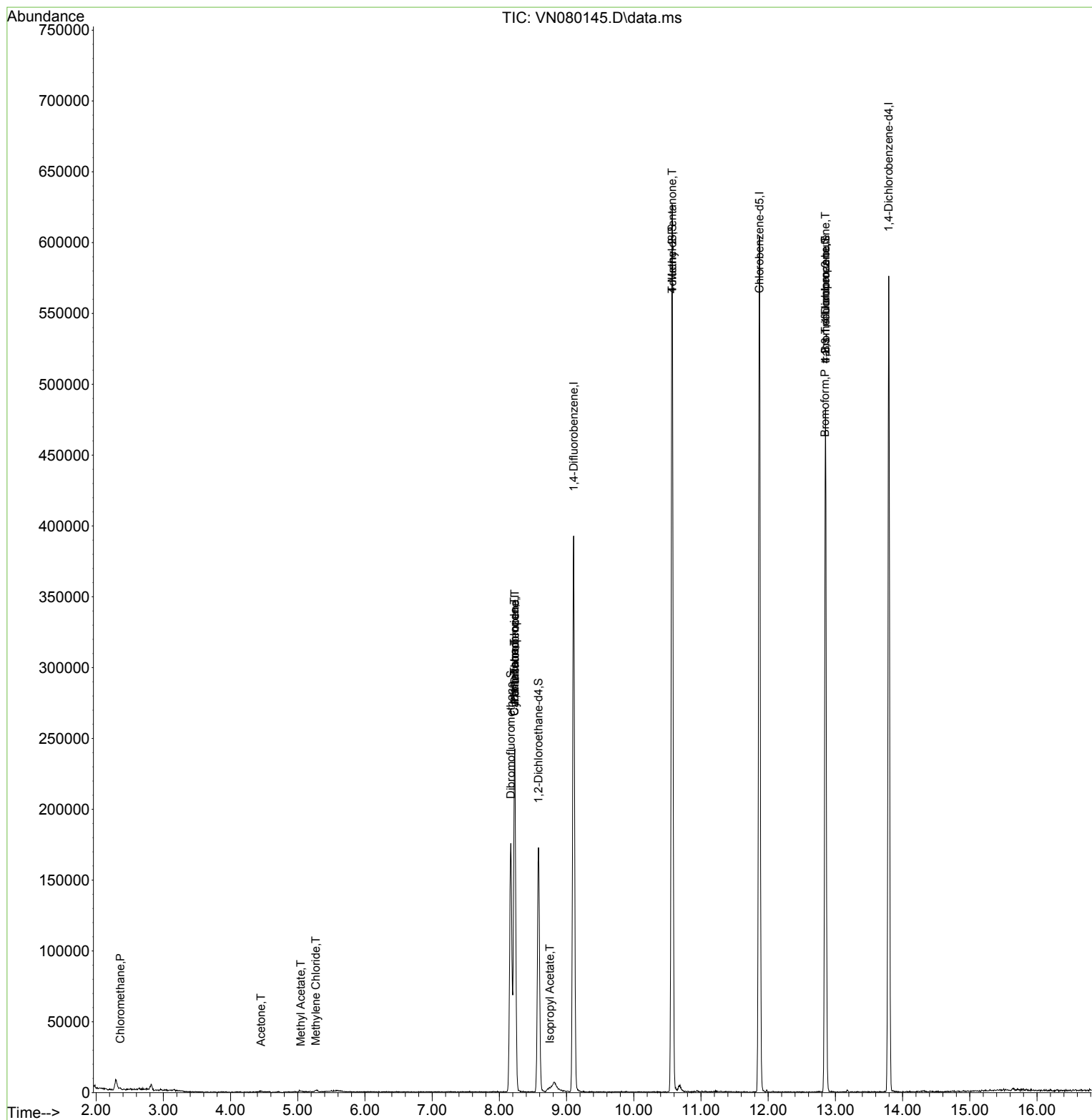
Internal Standards						
1) Pentafluorobenzene	8.230	168	170771	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	322746	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	343494	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	150169	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	154029	54.626	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 109.260%		
35) Dibromofluoromethane	8.171	113	122516	51.446	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 102.900%		
50) Toluene-d8	10.571	98	428740	49.943	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 99.880%		
62) 4-Bromofluorobenzene	12.853	95	166256	51.273	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 102.540%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	420	0.220	ug/l #	42
6) Chloroethane	3.148	64	646	Below Cal	#	43
16) Acetone	4.453	43	1092	1.153	ug/l #	40
18) Methyl Acetate	5.047	43	1664	0.547	ug/l #	60
20) Methylene Chloride	5.271	84	488	0.246	ug/l #	80
31) Cyclohexane	8.224	56	3880	1.265	ug/l #	39
36) 1,1-Dichloropropene	8.230	75	14322	4.154	ug/l #	50
38) Carbon Tetrachloride	8.224	117	19607	4.481	ug/l #	16
43) Isopropyl Acetate	8.753	43	2720	0.584	ug/l #	49
51) 4-Methyl-2-Pentanone	10.571	43	1663	0.690	ug/l #	1
71) Bromoform	12.847	173	1226	0.547	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	94168	25.593	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	94168	86.469	ug/l #	15

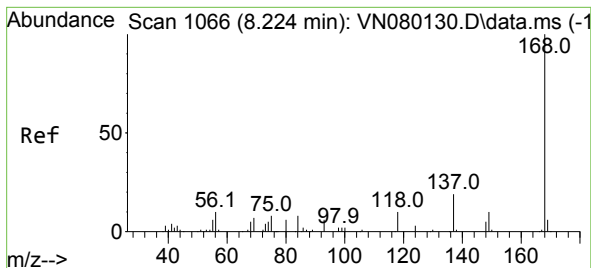
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VN080145.D

Acq: 16 Nov 2023 19:57

Instrument :

MSVOA_N

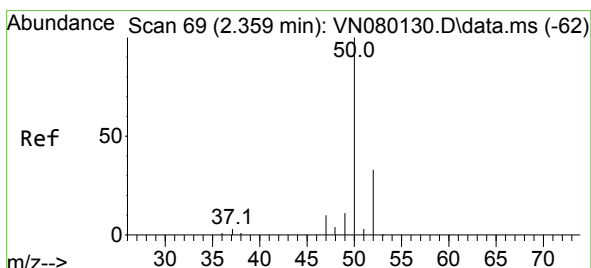
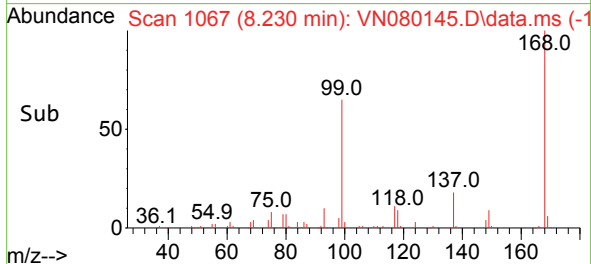
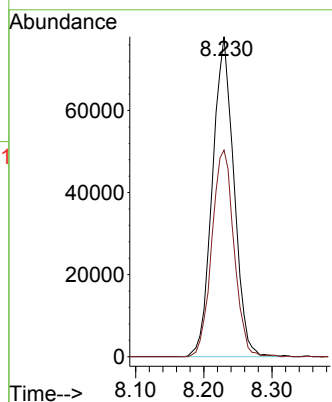
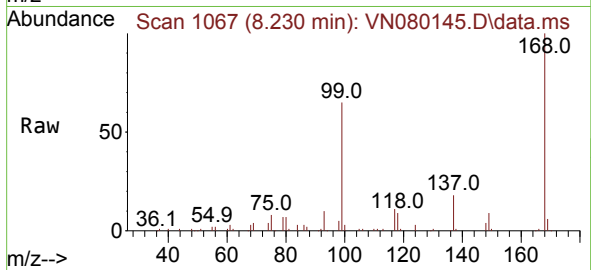
ClientSampleId :

Tgt Ion:168 Resp: 170771

Ion Ratio Lower Upper

168 100

99 64.6 53.0 79.6



#3

Chloromethane

Concen: 0.220 ug/l

RT: 2.359 min Scan# 69

Delta R.T. -0.000 min

Lab File: VN080145.D

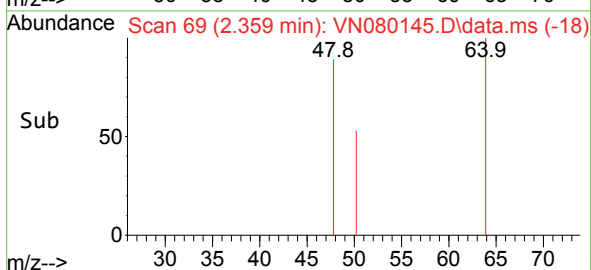
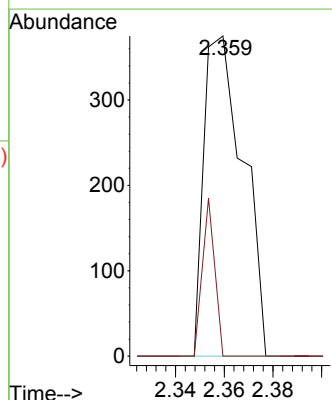
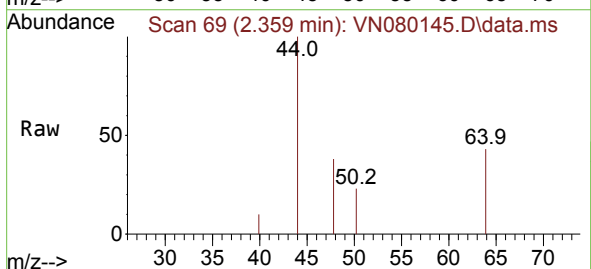
Acq: 16 Nov 2023 19:57

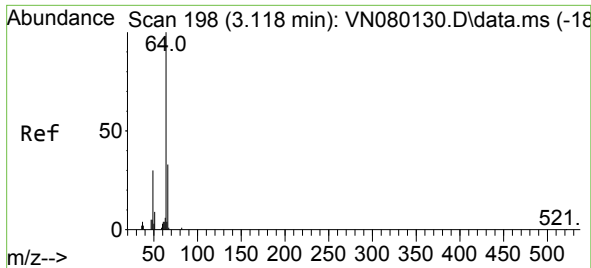
Tgt Ion: 50 Resp: 420

Ion Ratio Lower Upper

50 100

52 0.0 26.5 39.7#

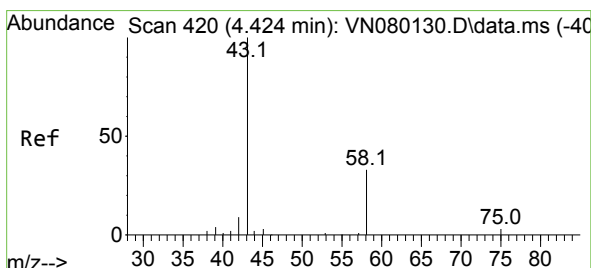
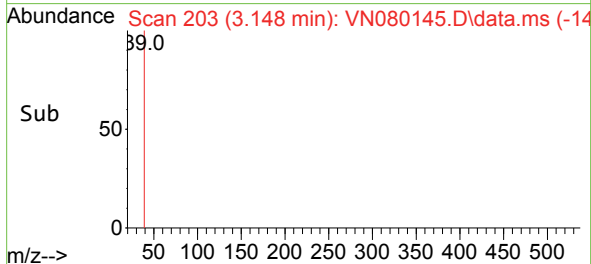
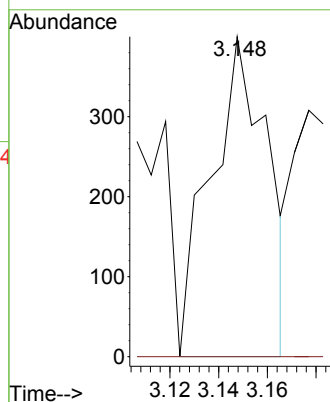
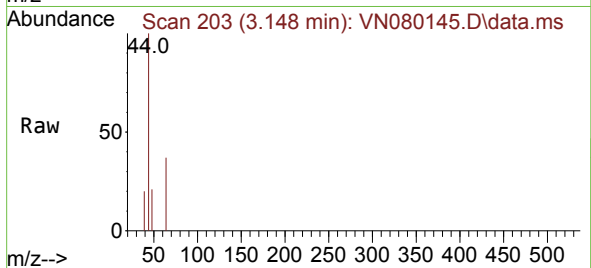




#6
Chloroethane
Concen: Below Cal
RT: 3.148 min Scan# 203
Delta R.T. 0.030 min
Lab File: VN080145.D
Acq: 16 Nov 2023 19:57

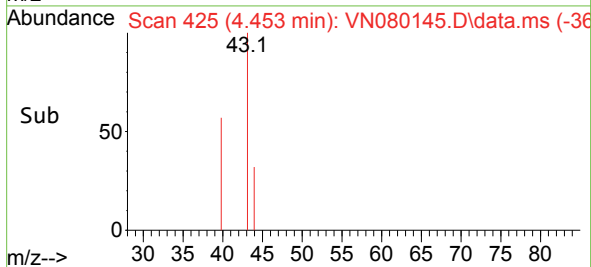
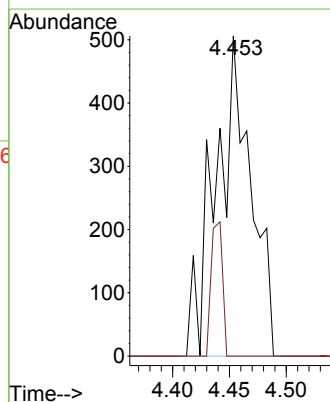
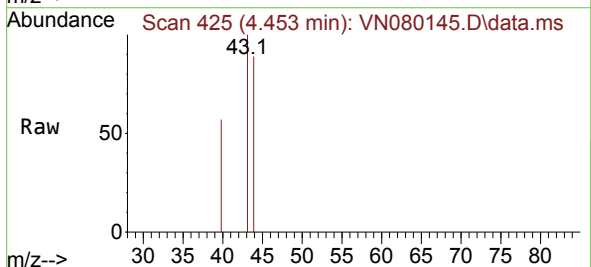
Instrument :
MSVOA_N
ClientSampleId :

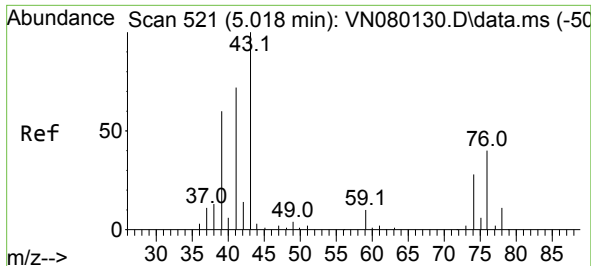
Tgt Ion: 64 Resp: 646
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



#16
Acetone
Concen: 1.153 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.029 min
Lab File: VN080145.D
Acq: 16 Nov 2023 19:57

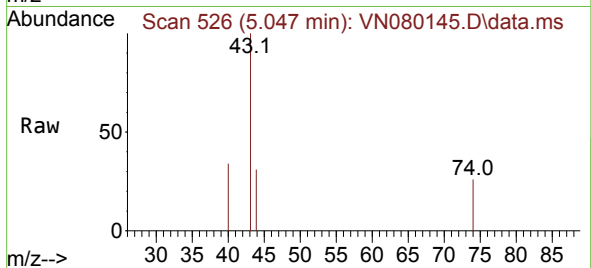
Tgt Ion: 43 Resp: 1092
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#



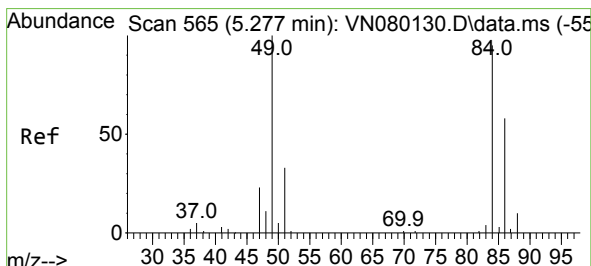
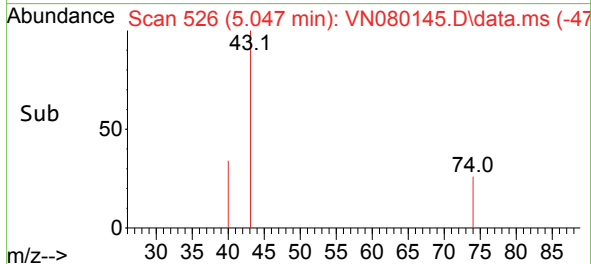
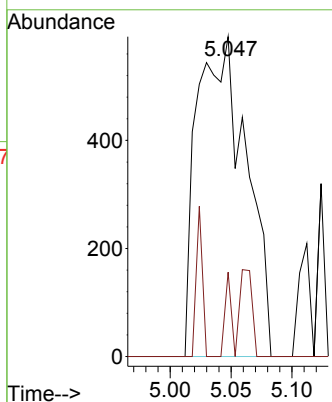


#18
Methyl Acetate
Concen: 0.547 ug/l
RT: 5.047 min Scan# 51
Delta R.T. 0.029 min
Lab File: VN080145.D
Acq: 16 Nov 2023 19:57

Instrument :
MSVOA_N
ClientSampleId :

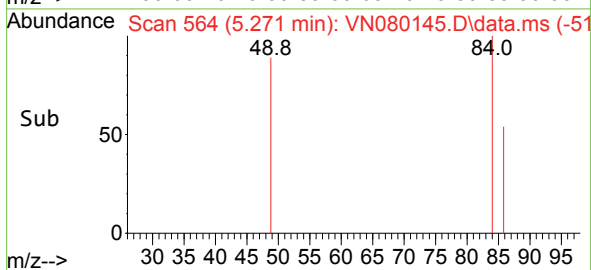
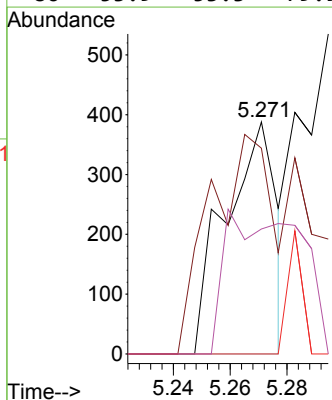
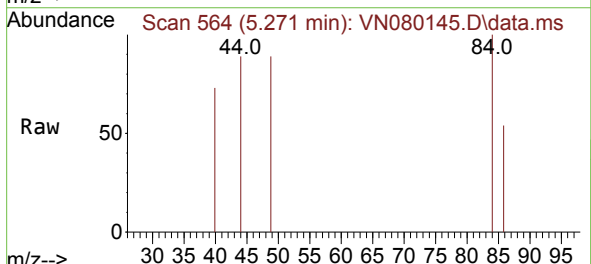


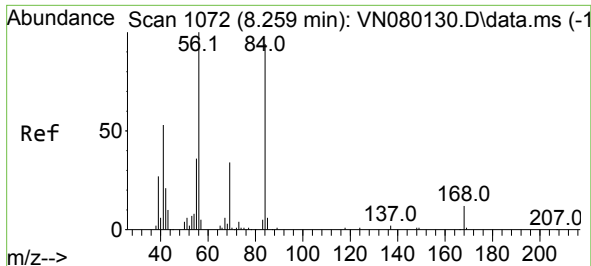
Tgt Ion: 43 Resp: 1664
Ion Ratio Lower Upper
43 100
74 10.1 26.2 39.4#



#20
Methylene Chloride
Concen: 0.246 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN080145.D
Acq: 16 Nov 2023 19:57

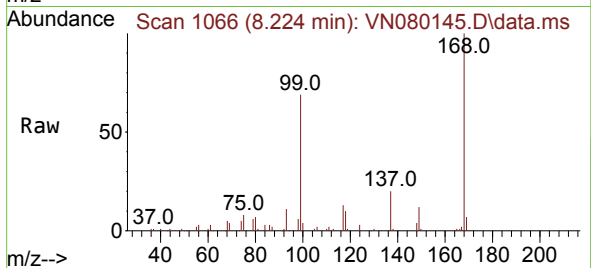
Tgt Ion: 84 Resp: 488
Ion Ratio Lower Upper
84 100
49 88.7 79.7 119.5
51 0.0 25.2 37.8#
86 53.9 53.3 79.9



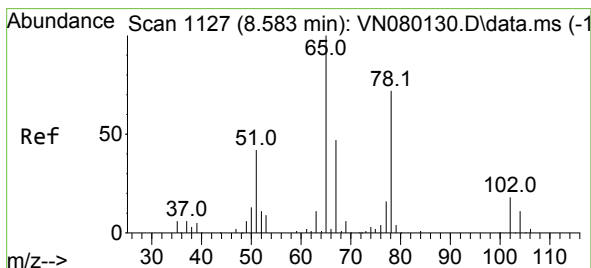
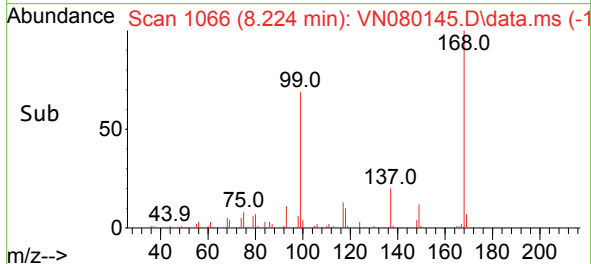
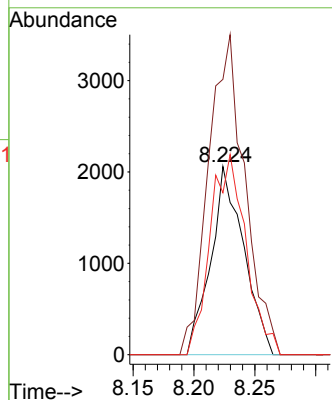


#31
Cyclohexane
Concen: 1.265 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN080145.D
Acq: 16 Nov 2023 19:57

Instrument :
MSVOA_N
ClientSampleId :

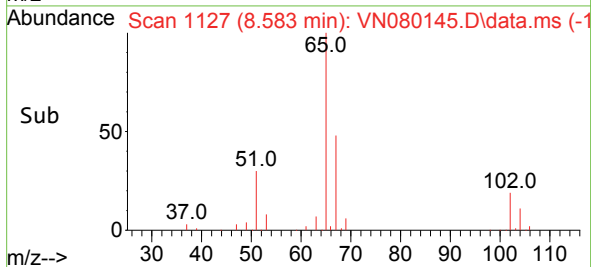
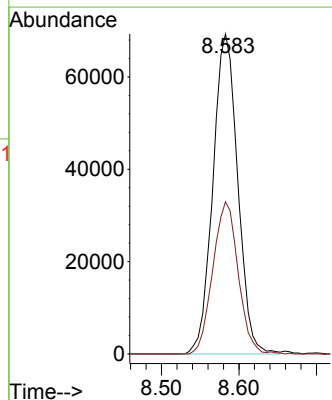
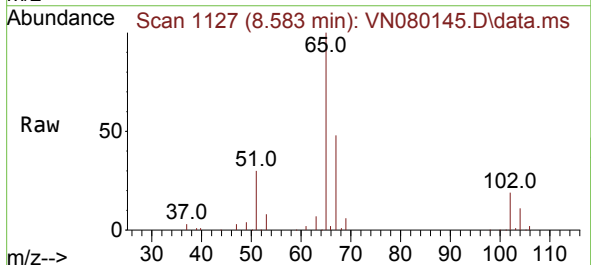


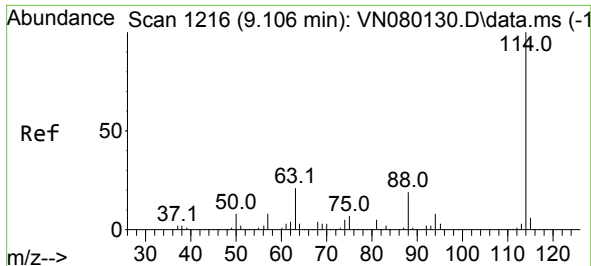
Tgt Ion: 56 Resp: 3880
Ion Ratio Lower Upper
56 100
69 146.4 26.8 40.2#
84 86.0 81.8 122.6



#33
1,2-Dichloroethane-d4
Concen: 54.626 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN080145.D
Acq: 16 Nov 2023 19:57

Tgt Ion: 65 Resp: 154029
Ion Ratio Lower Upper
65 100
67 48.6 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN080145.D

Acq: 16 Nov 2023 19:57

Instrument :

MSVOA_N

ClientSampleId :

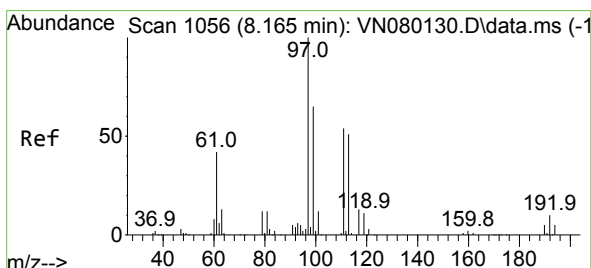
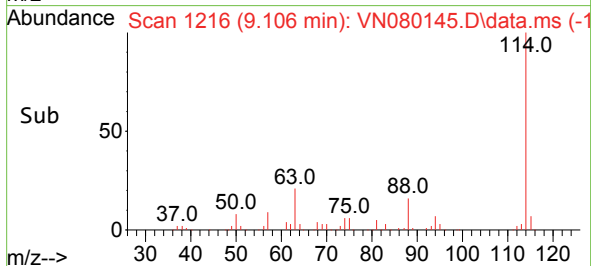
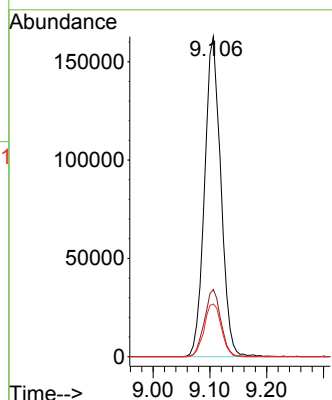
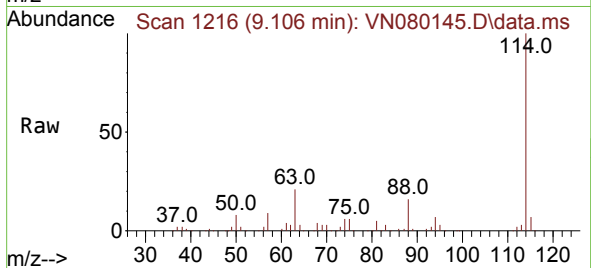
Tgt Ion:114 Resp: 322746

Ion Ratio Lower Upper

114 100

63 21.0 0.0 36.4

88 16.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.446 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN080145.D

Acq: 16 Nov 2023 19:57

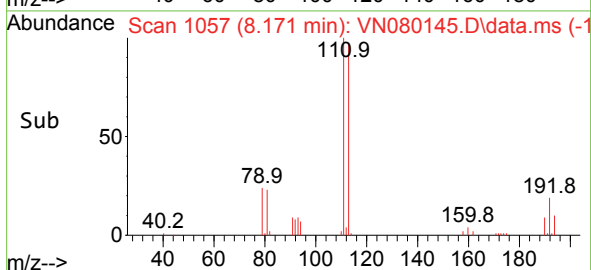
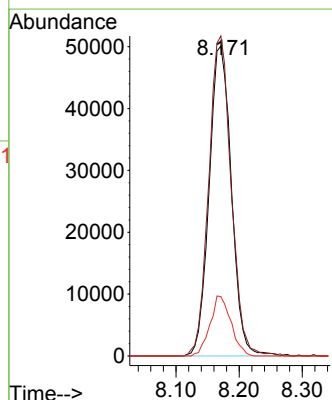
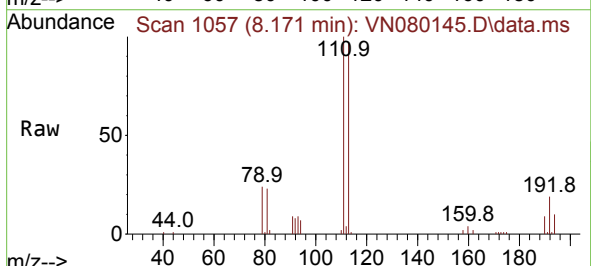
Tgt Ion:113 Resp: 122516

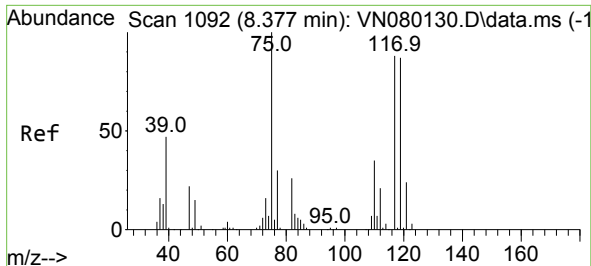
Ion Ratio Lower Upper

113 100

111 104.3 82.6 123.8

192 18.3 12.7 19.1

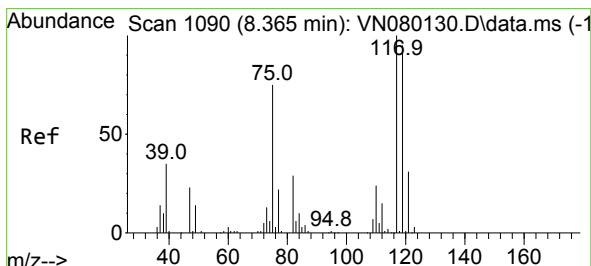
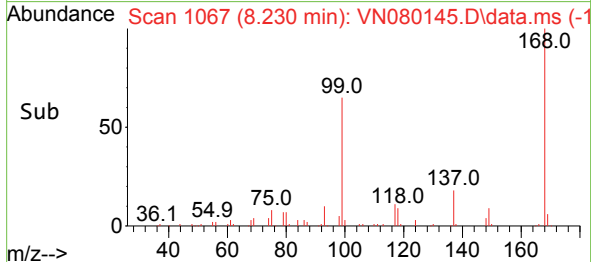
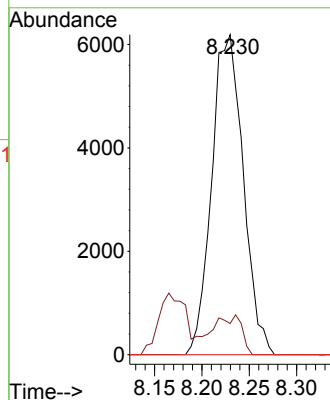
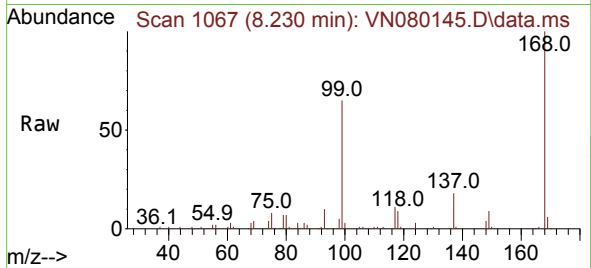




#36
 1,1-Dichloropropene
 Concen: 4.154 ug/l
 RT: 8.230 min Scan# 1067
 Delta R.T. -0.147 min
 Lab File: VN080145.D
 Acq: 16 Nov 2023 19:57

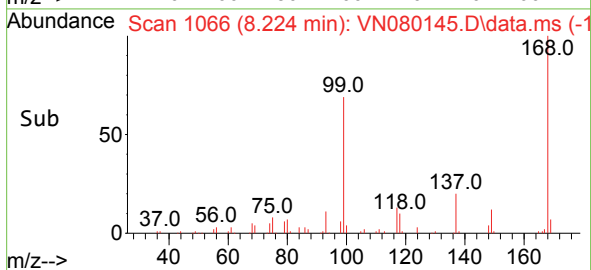
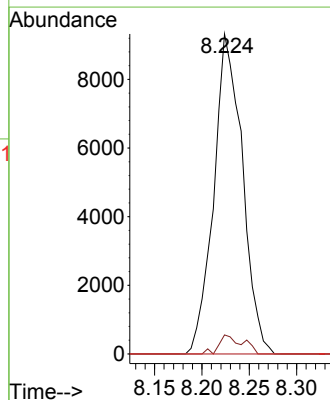
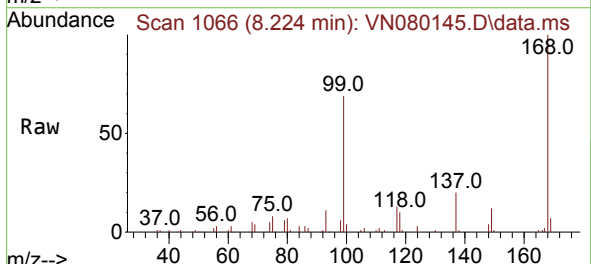
Instrument :
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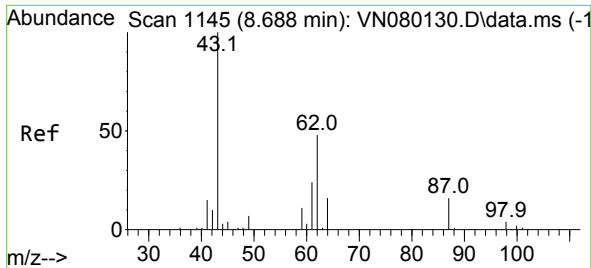
Tgt Ion: 75 Resp: 14322
 Ion Ratio Lower Upper
 75 100
 110 10.9 19.1 57.3#
 77 0.0 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 4.481 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. -0.141 min
 Lab File: VN080145.D
 Acq: 16 Nov 2023 19:57

Tgt Ion: 117 Resp: 19607
 Ion Ratio Lower Upper
 117 100
 119 5.9 77.3 115.9#
 121 0.0 23.3 34.9#

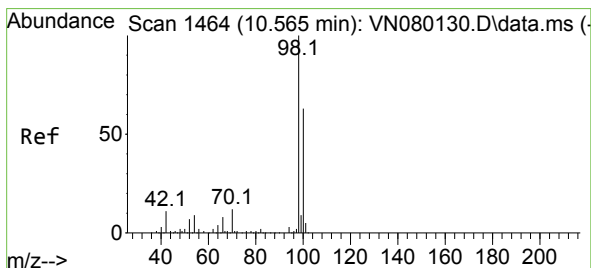
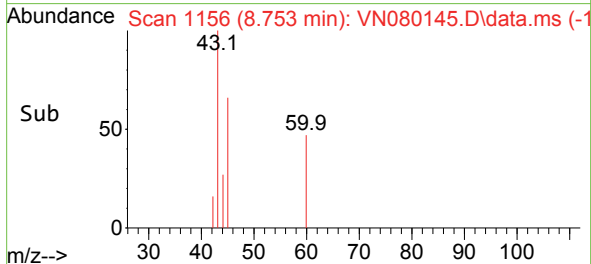
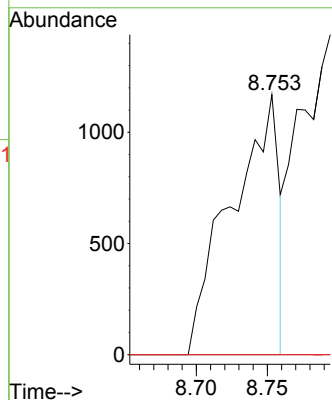
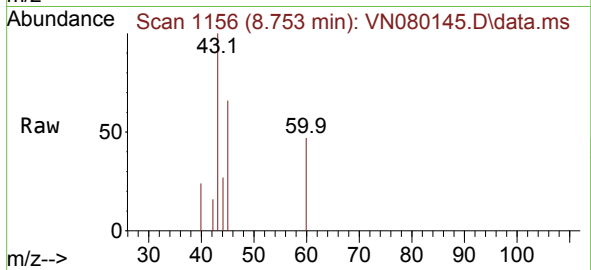




#43
Isopropyl Acetate
Concen: 0.584 ug/l
RT: 8.753 min Scan# 1156
Delta R.T. 0.065 min
Lab File: VN080145.D
Acq: 16 Nov 2023 19:57

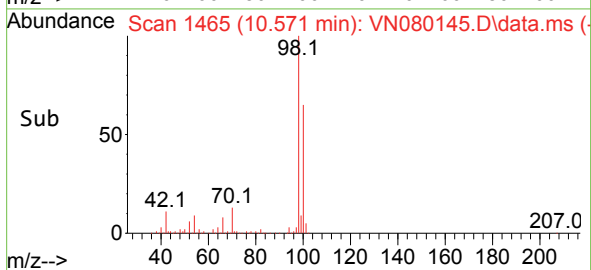
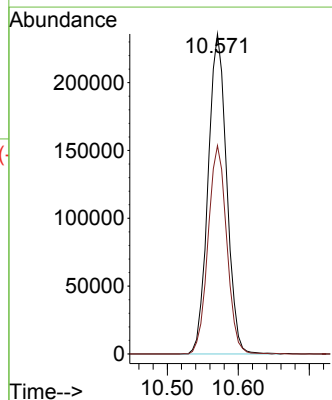
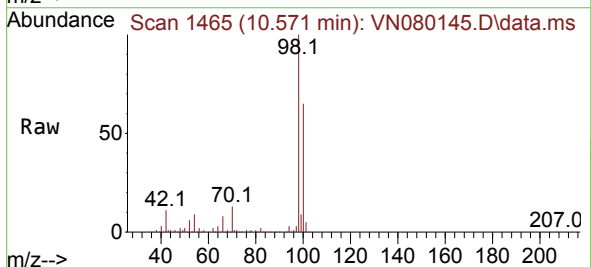
Instrument :
MSVOA_N
ClientSampleId :

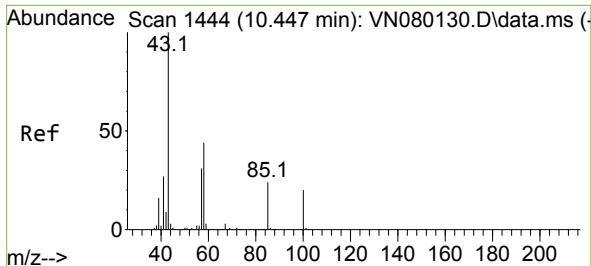
Tgt Ion: 43 Resp: 2720
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#



#50
Toluene-d8
Concen: 49.943 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080145.D
Acq: 16 Nov 2023 19:57

Tgt Ion: 98 Resp: 428740
Ion Ratio Lower Upper
98 100
100 65.3 52.0 78.0

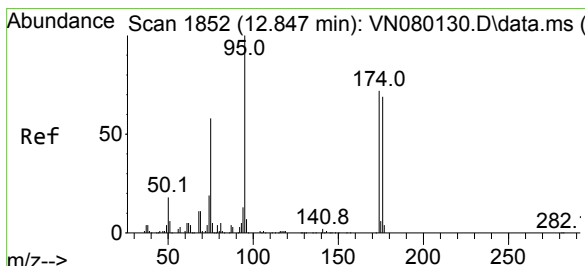
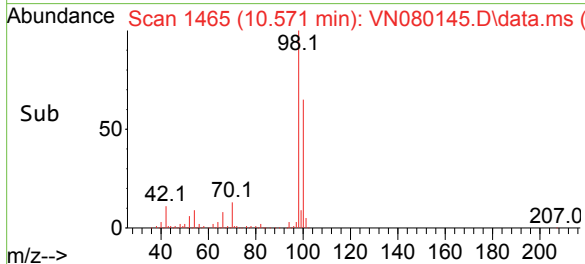
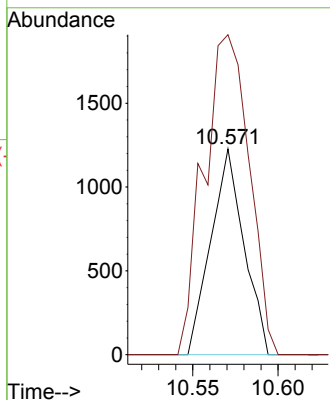
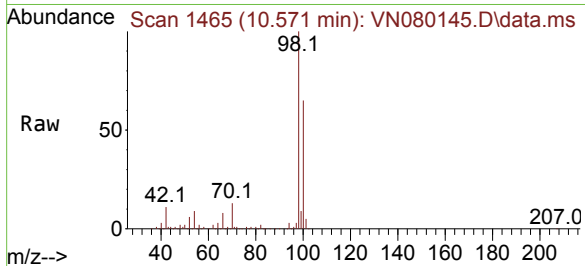




#51
4-Methyl-2-Pentanone
Concen: 0.690 ug/l
RT: 10.571 min Scan# 1444
Delta R.T. 0.123 min
Lab File: VN080145.D
Acq: 16 Nov 2023 19:57

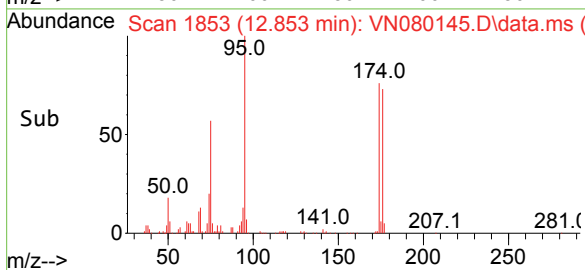
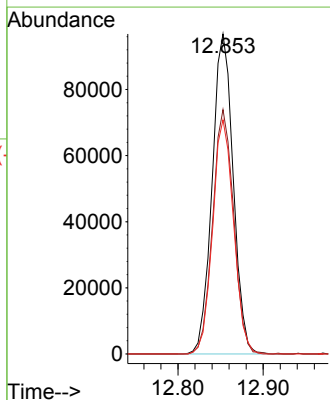
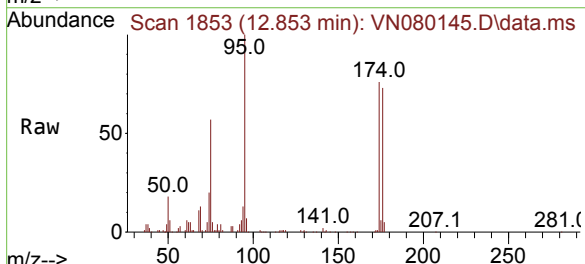
Instrument :
MSVOA_N
ClientSampleId :

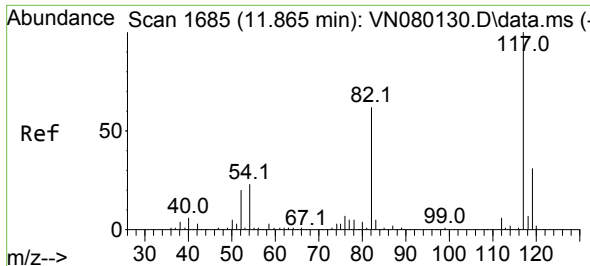
Tgt Ion: 43 Resp: 1663
Ion Ratio Lower Upper
43 100
58 212.2 36.6 54.8#



#62
4-Bromofluorobenzene
Concen: 51.273 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080145.D
Acq: 16 Nov 2023 19:57

Tgt Ion: 95 Resp: 166256
Ion Ratio Lower Upper
95 100
174 76.2 0.0 143.8
176 72.8 0.0 135.8

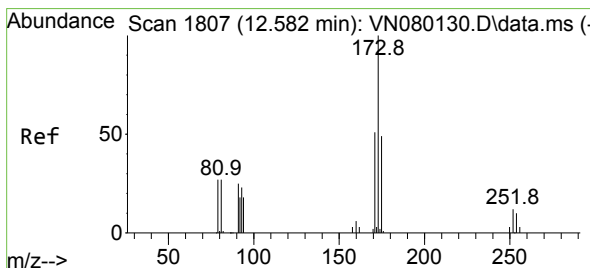
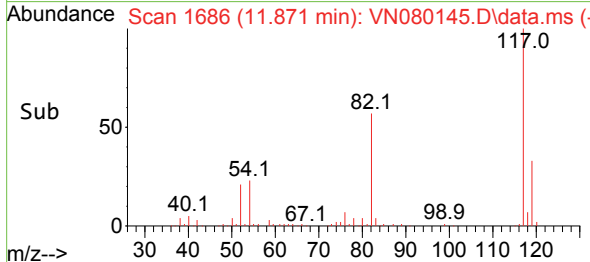
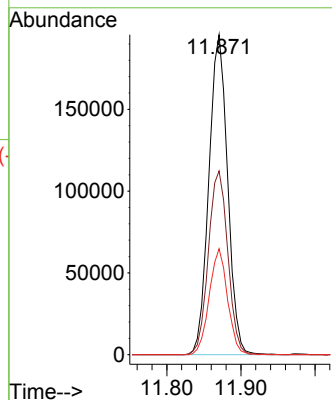
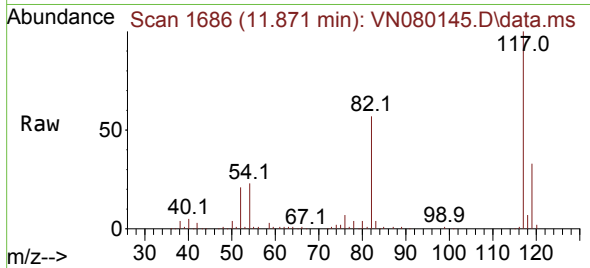




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080145.D
Acq: 16 Nov 2023 19:57

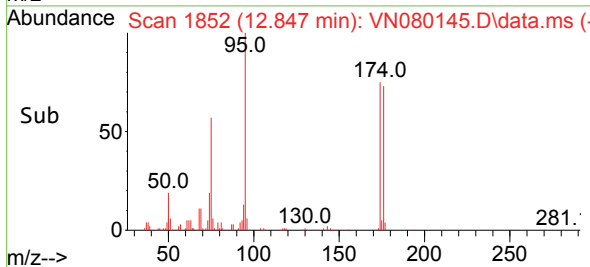
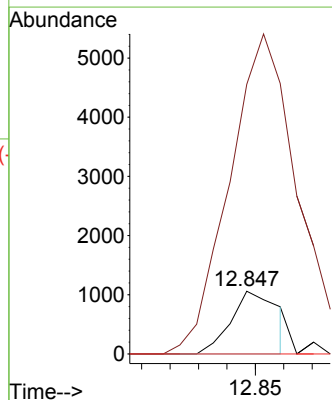
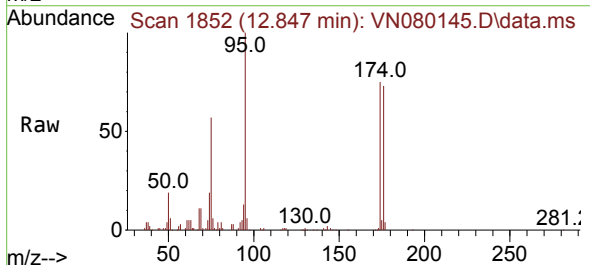
Instrument :
MSVOA_N
ClientSampleId :

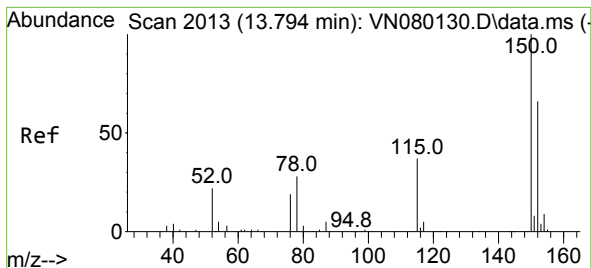
Tgt Ion:117 Resp: 343494
Ion Ratio Lower Upper
117 100
82 57.4 44.0 66.0
119 33.1 25.6 38.4



#71
Bromoform
Concen: 0.547 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.265 min
Lab File: VN080145.D
Acq: 16 Nov 2023 19:57

Tgt Ion:173 Resp: 1226
Ion Ratio Lower Upper
173 100
175 571.9 24.3 73.0#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 20

Delta R.T. -0.000 min

Lab File: VN080145.D

Acq: 16 Nov 2023 19:57

Instrument :

MSVOA_N

ClientSampleId :

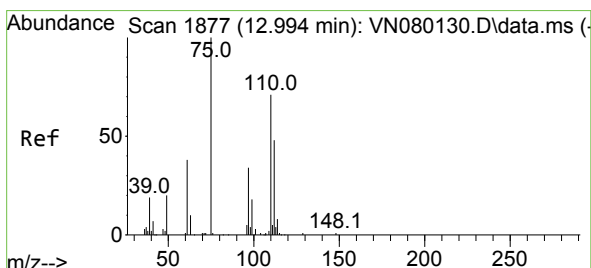
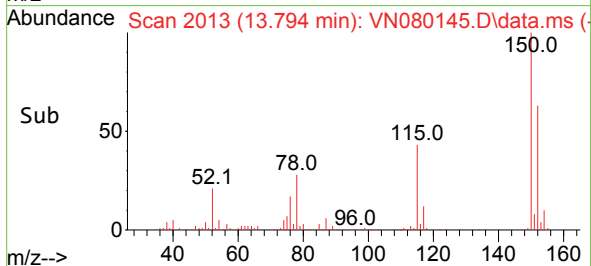
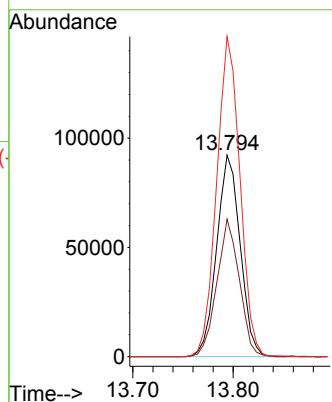
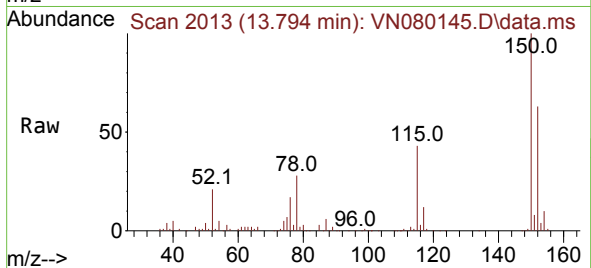
Tgt Ion:152 Resp: 150169

Ion Ratio Lower Upper

152 100

115 65.3 32.3 96.8

150 157.9 0.0 355.8



#76

1,2,3-Trichloropropane

Concen: 25.593 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN080145.D

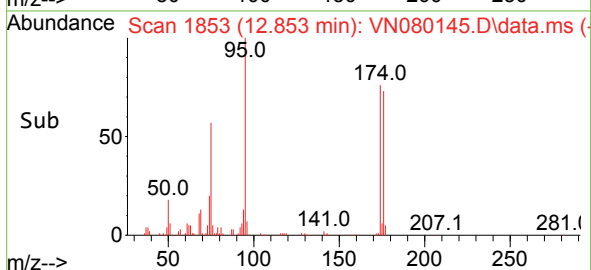
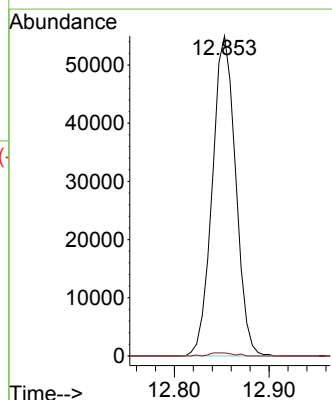
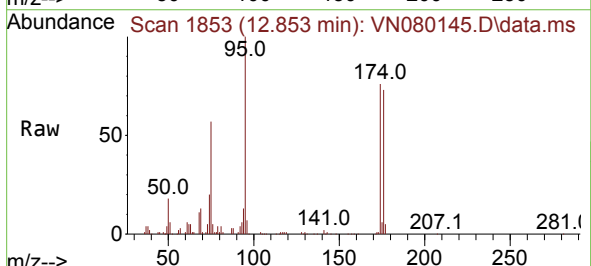
Acq: 16 Nov 2023 19:57

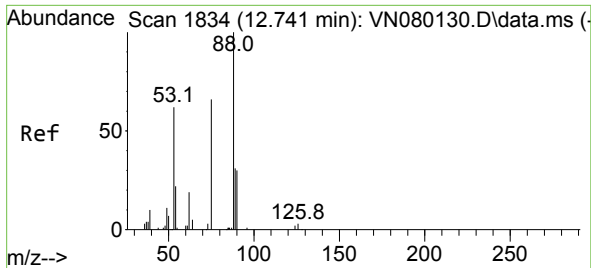
Tgt Ion: 75 Resp: 94168

Ion Ratio Lower Upper

75 100

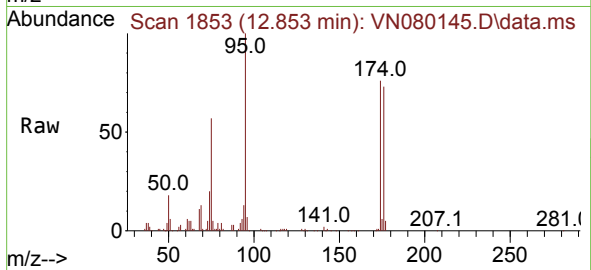
77 1.1 84.5 253.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 86.469 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN080145.D
 Acq: 16 Nov 2023 19:57

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 94168
 Ion Ratio Lower Upper
 75 100
 53 0.0 67.4 101.2#
 89 0.0 38.8 58.2#

