

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112223\
 Data File : VN080250.D
 Acq On : 22 Nov 2023 16:19
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 23 00:23:23 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)

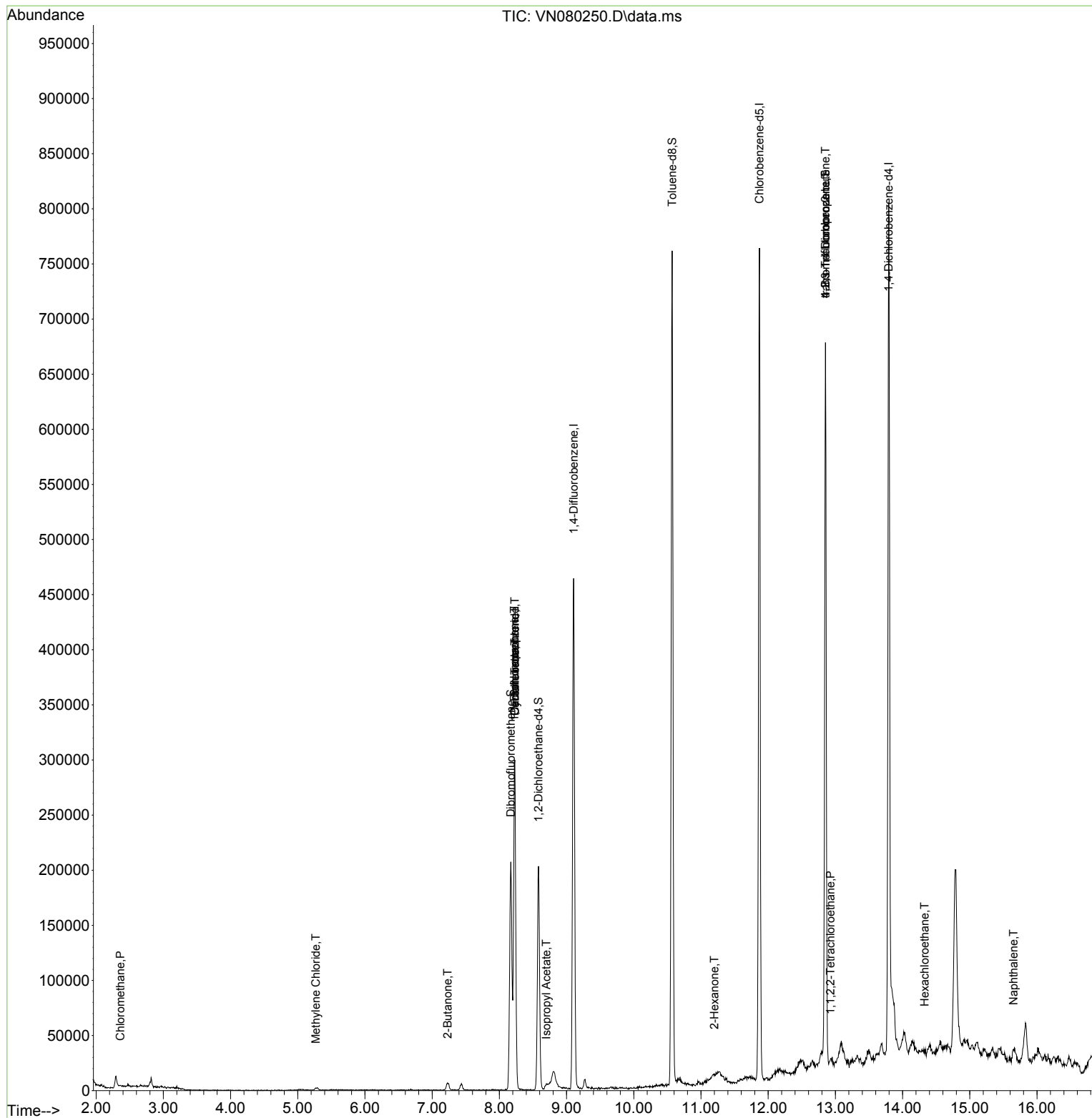
Internal Standards						
1) Pentafluorobenzene	8.230	168	209003	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	396650	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	427118	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	203628	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	179766	52.091	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.180%	
35) Dibromofluoromethane	8.171	113	145637	49.761	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.520%	
50) Toluene-d8	10.571	98	528425	50.086	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.180%	
62) 4-Bromofluorobenzene	12.853	95	229330	57.548	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 115.100%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	503	0.215	ug/l #	42
6) Chloroethane	3.112	64	464	Below Cal	#	43
20) Methylene Chloride	5.271	84	845	0.348	ug/l #	79
25) 2-Butanone	7.230	43	3057	2.220	ug/l #	1
31) Cyclohexane	8.230	56	4680	1.247	ug/l #	37
36) 1,1-Dichloropropene	8.224	75	17177	4.054	ug/l #	49
38) Carbon Tetrachloride	8.230	117	24602	4.575	ug/l #	16
43) Isopropyl Acetate	8.700	43	2524	0.441	ug/l #	49
59) 2-Hexanone	11.200	43	953	0.401	ug/l #	27
75) 1,1,2,2-Tetrachloroethane	12.929	83	982	0.207	ug/l #	43
76) 1,2,3-Trichloropropane	12.853	75	125811	25.216	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	125811	85.196	ug/l #	16
90) Hexachloroethane	14.329	117	847	0.348	ug/l #	21
95) Naphthalene	15.653	128	3514	0.303	ug/l #	85

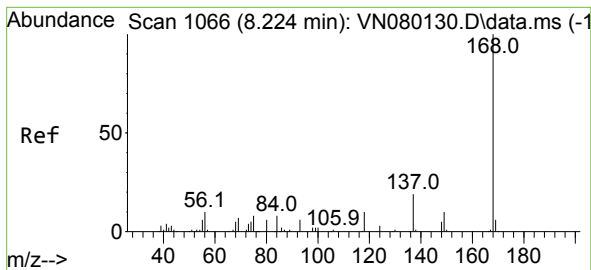
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 23 00:23:23 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 10

Delta R.T. 0.006 min

Lab File: VN080250.D

Acq: 22 Nov 2023 16:19

Instrument :

MSVOA_N

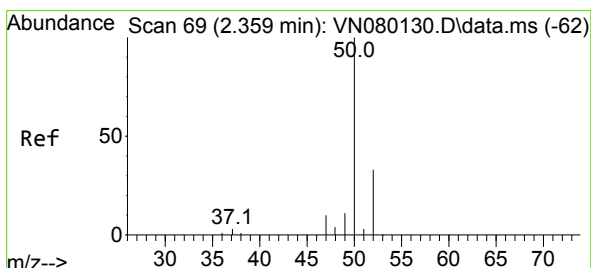
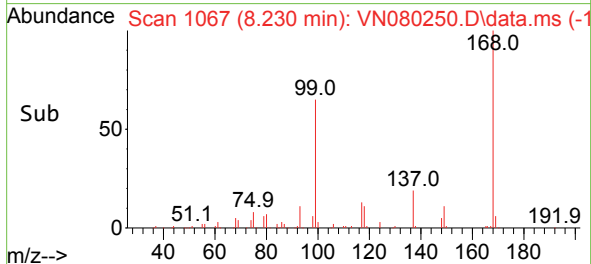
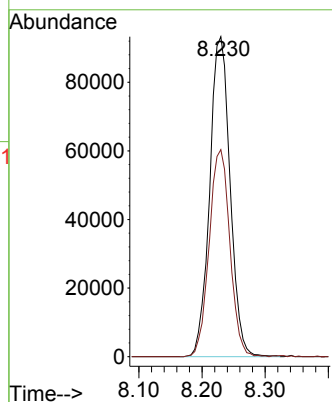
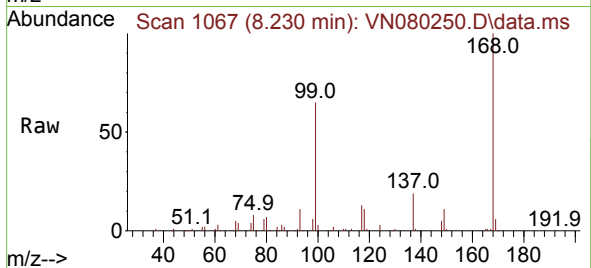
ClientSampleId :

Tgt Ion:168 Resp: 209003

Ion Ratio Lower Upper

168 100

99 64.7 53.0 79.6



#3

Chloromethane

Concen: 0.215 ug/l

RT: 2.359 min Scan# 69

Delta R.T. -0.000 min

Lab File: VN080250.D

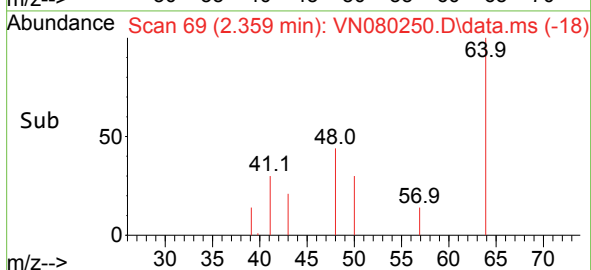
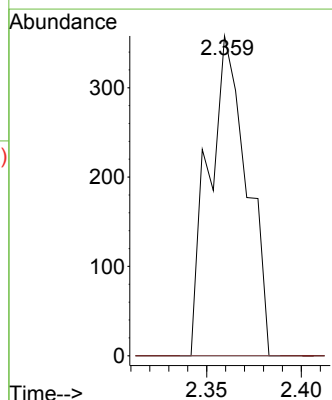
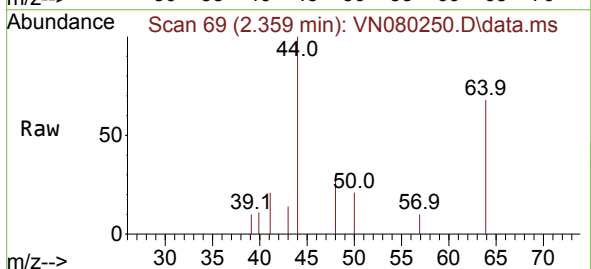
Acq: 22 Nov 2023 16:19

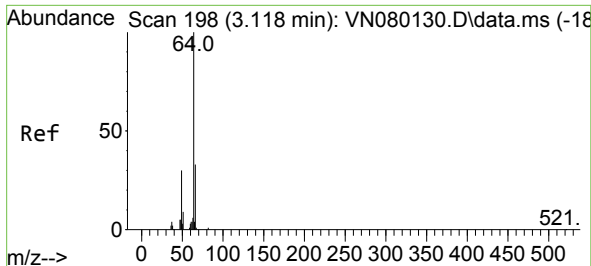
Tgt Ion: 50 Resp: 503

Ion Ratio Lower Upper

50 100

52 0.0 26.5 39.7#

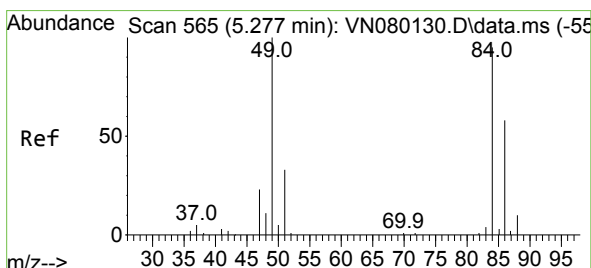
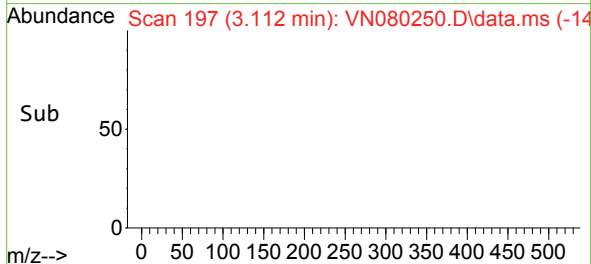
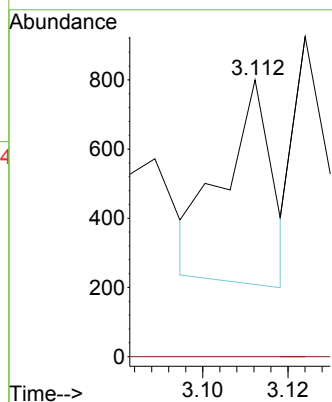
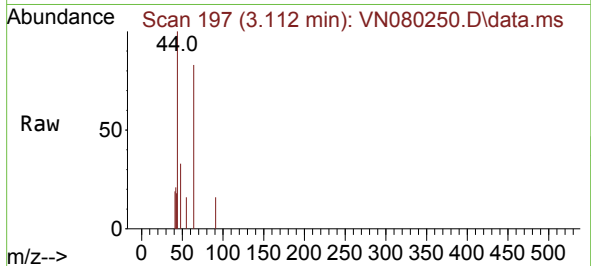




#6
Chloroethane
Concen: Below Cal
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN080250.D
Acq: 22 Nov 2023 16:19

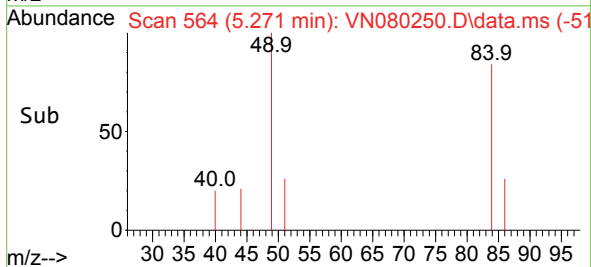
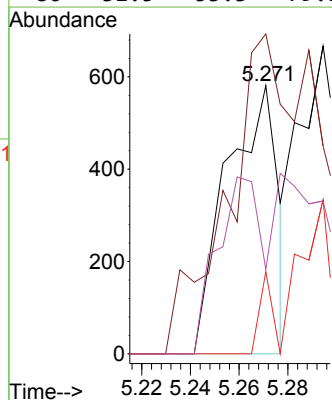
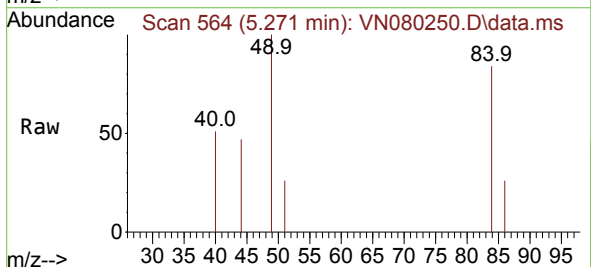
Instrument :
MSVOA_N
ClientSampleId :

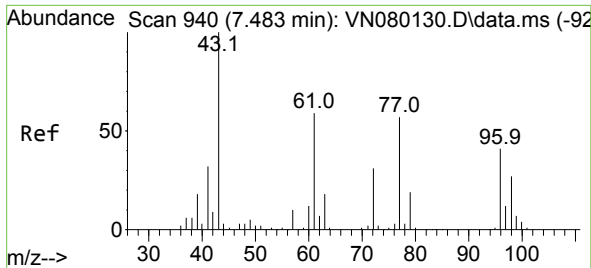
Tgt Ion: 64 Resp: 464
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



#20
Methylene Chloride
Concen: 0.348 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN080250.D
Acq: 22 Nov 2023 16:19

Tgt Ion: 84 Resp: 845
Ion Ratio Lower Upper
84 100
49 88.0 79.7 119.5
51 30.6 25.2 37.8
86 31.5 53.3 79.9#

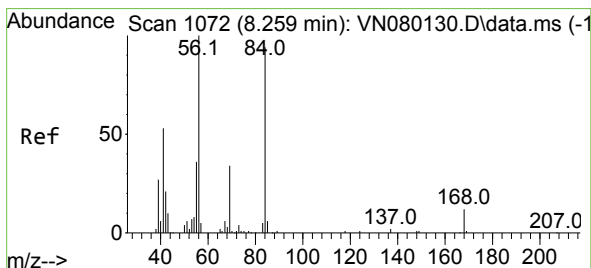
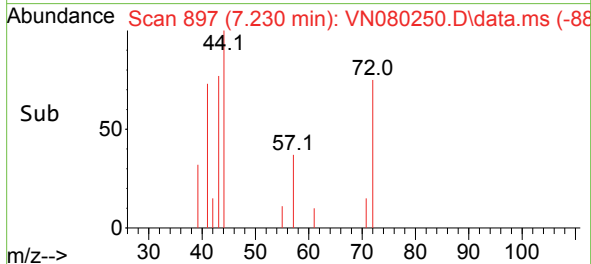
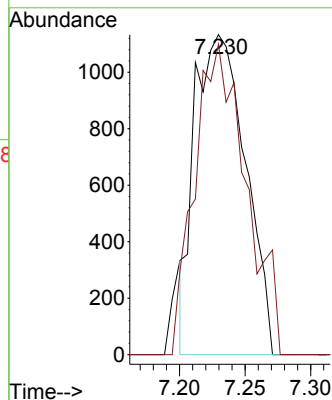
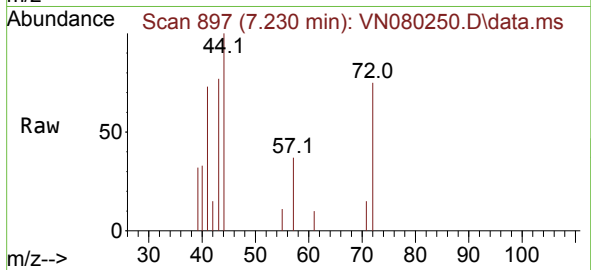




#25
2-Butanone
Concen: 2.220 ug/l
RT: 7.230 min Scan# 897
Delta R.T. -0.253 min
Lab File: VN080250.D
Acq: 22 Nov 2023 16:19

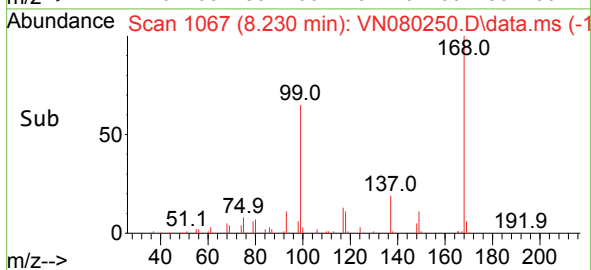
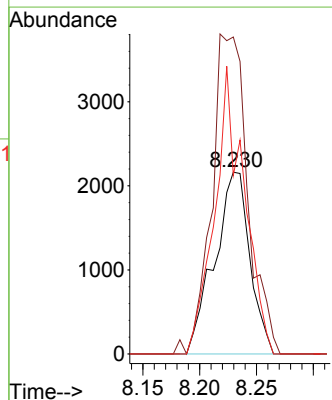
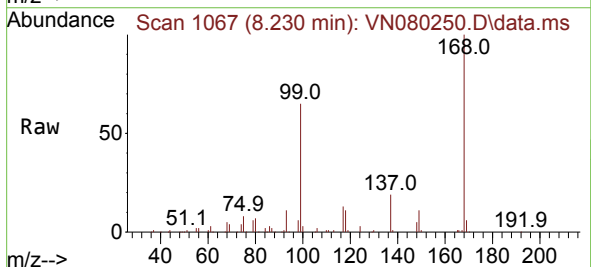
Instrument :
MSVOA_N
ClientSampleId :

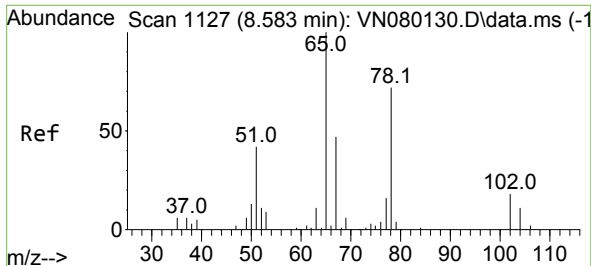
Tgt Ion: 43 Resp: 3057
Ion Ratio Lower Upper
43 100
72 97.0 30.2 45.2#



#31
Cyclohexane
Concen: 1.247 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.030 min
Lab File: VN080250.D
Acq: 22 Nov 2023 16:19

Tgt Ion: 56 Resp: 4680
Ion Ratio Lower Upper
56 100
69 174.3 26.8 40.2#
84 105.2 81.8 122.6





#33

1,2-Dichloroethane-d4

Concen: 52.091 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN080250.D

Acq: 22 Nov 2023 16:19

Instrument :

MSVOA_N

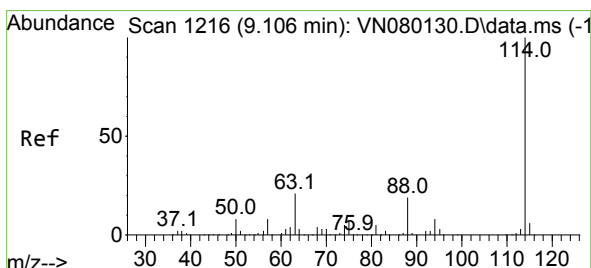
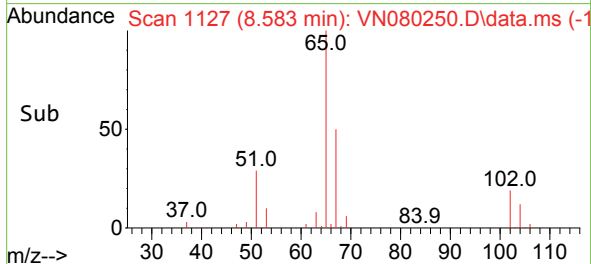
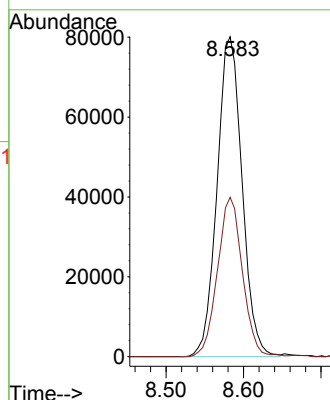
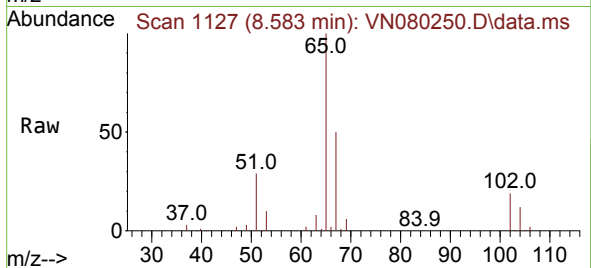
ClientSampleId :

Tgt Ion: 65 Resp: 179766

Ion Ratio Lower Upper

65 100

67 49.7 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN080250.D

Acq: 22 Nov 2023 16:19

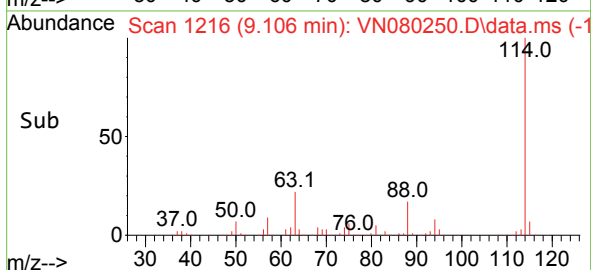
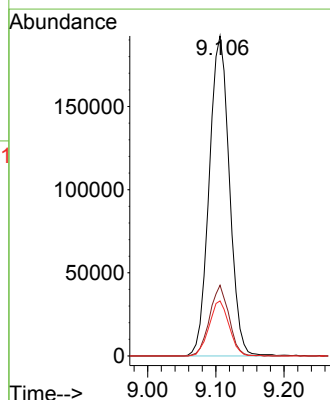
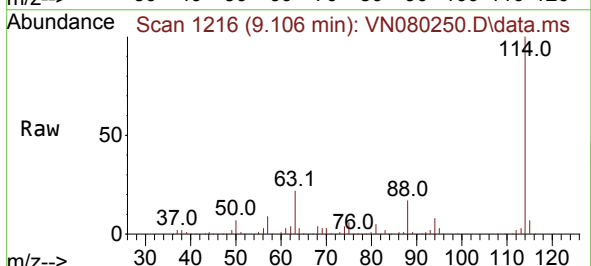
Tgt Ion: 114 Resp: 396650

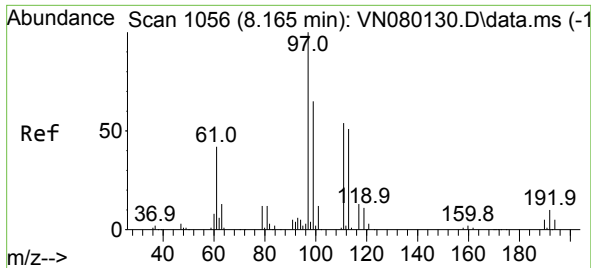
Ion Ratio Lower Upper

114 100

63 22.1 0.0 36.4

88 17.2 0.0 30.6

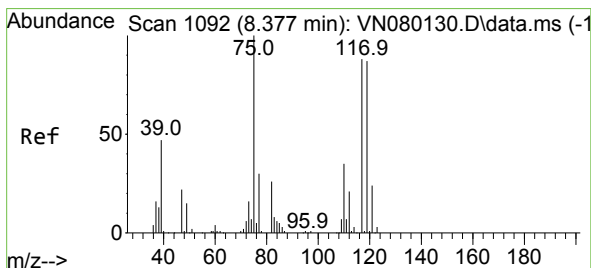
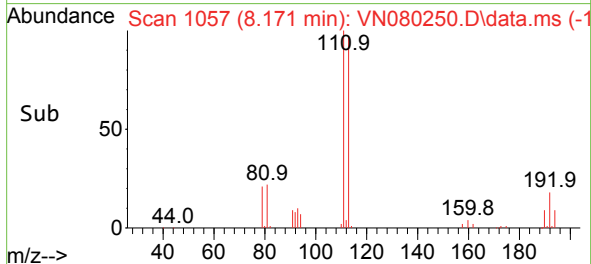
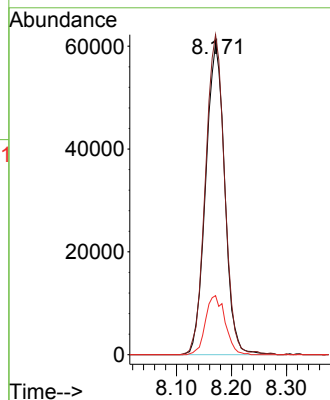
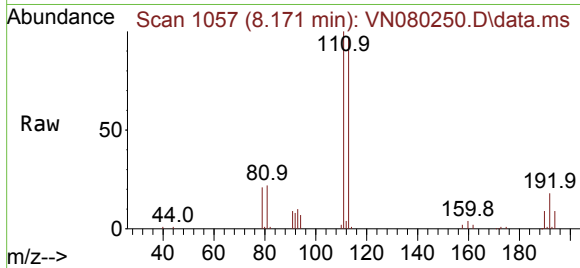




#35
Dibromofluoromethane
Concen: 49.761 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN080250.D
Acq: 22 Nov 2023 16:19

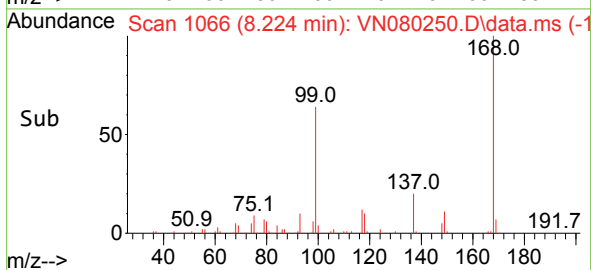
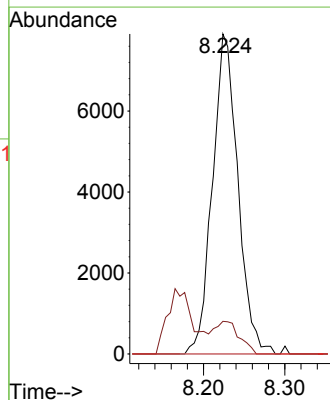
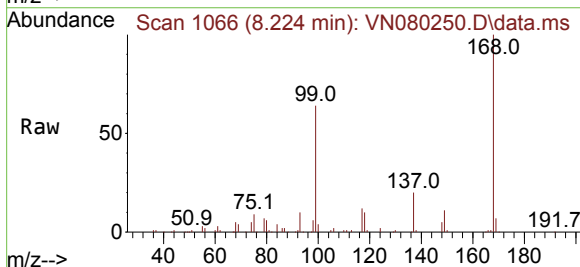
Instrument :
MSVOA_N
ClientSampleId :

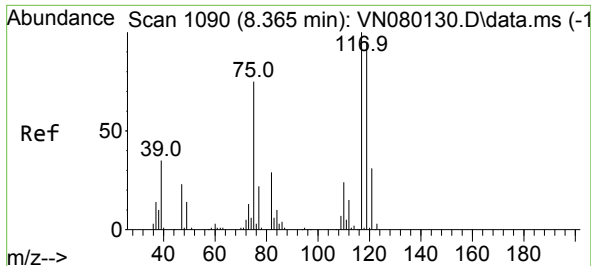
Tgt Ion:113 Resp: 145637
Ion Ratio Lower Upper
113 100
111 102.8 82.6 123.8
192 19.6 12.7 19.1#



#36
1,1-Dichloropropene
Concen: 4.054 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.153 min
Lab File: VN080250.D
Acq: 22 Nov 2023 16:19

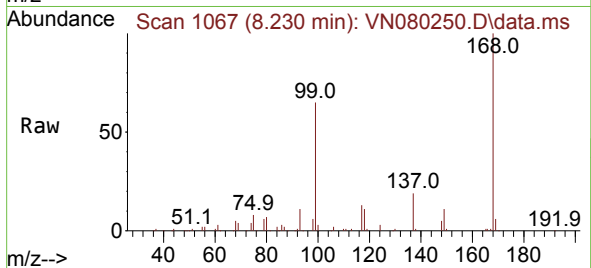
Tgt Ion: 75 Resp: 17177
Ion Ratio Lower Upper
75 100
110 10.0 19.1 57.3#
77 0.0 25.0 37.4#



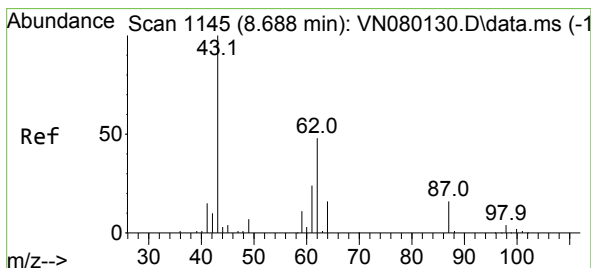
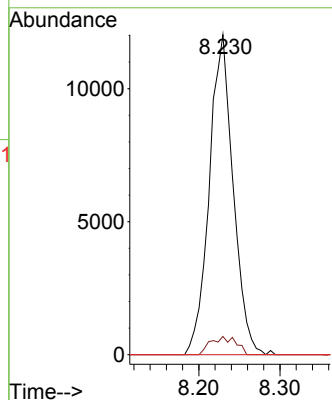
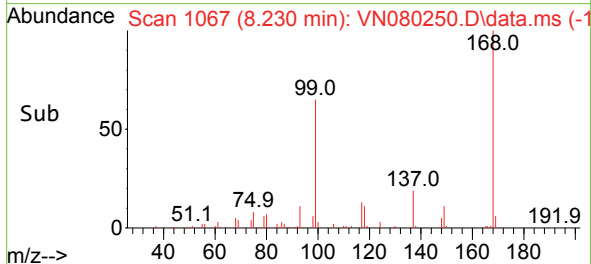


#38
Carbon Tetrachloride
Concen: 4.575 ug/l
RT: 8.230 min Scan# 1107
Delta R.T. -0.135 min
Lab File: VN080250.D
Acq: 22 Nov 2023 16:19

Instrument :
MSVOA_N
ClientSampleId :

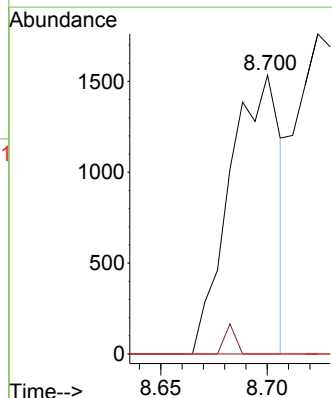
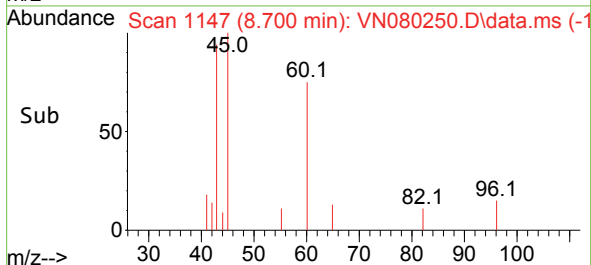
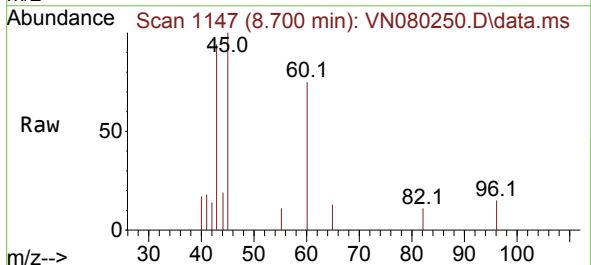


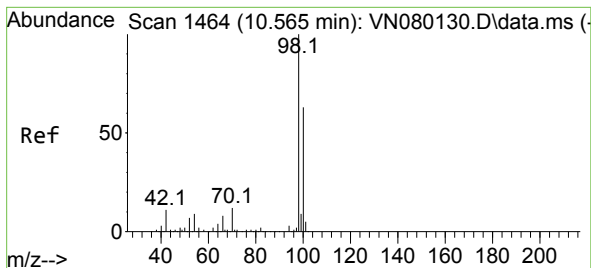
Tgt Ion:117 Resp: 24602
Ion Ratio Lower Upper
117 100
119 5.7 77.3 115.9#
121 0.0 23.3 34.9#



#43
Isopropyl Acetate
Concen: 0.441 ug/l
RT: 8.700 min Scan# 1147
Delta R.T. 0.012 min
Lab File: VN080250.D
Acq: 22 Nov 2023 16:19

Tgt Ion: 43 Resp: 2524
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#

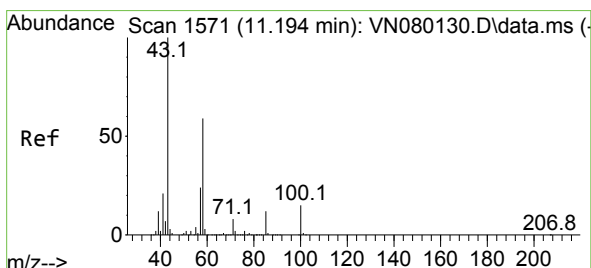
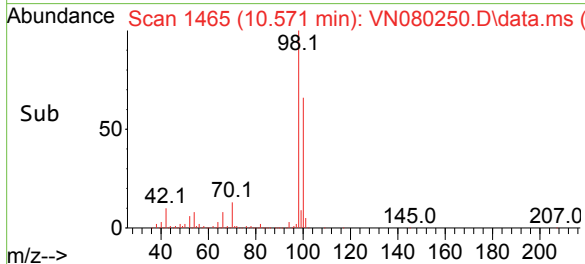
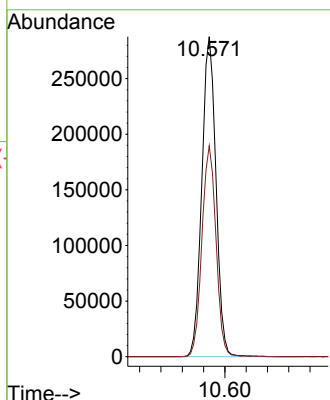
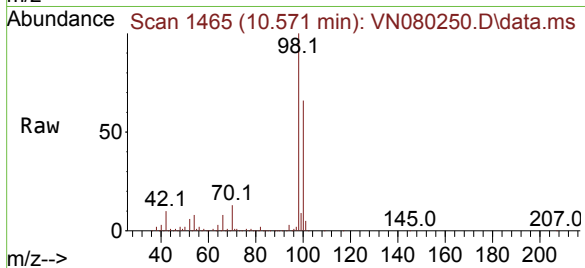




#50
Toluene-d8
Concen: 50.086 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080250.D
Acq: 22 Nov 2023 16:19

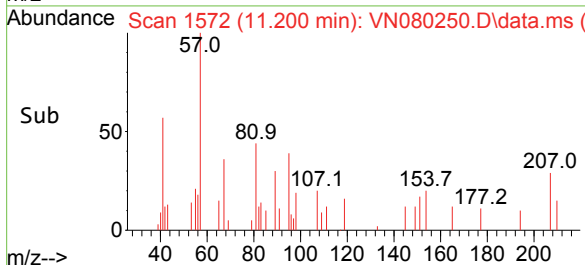
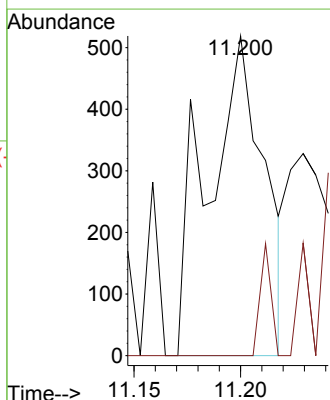
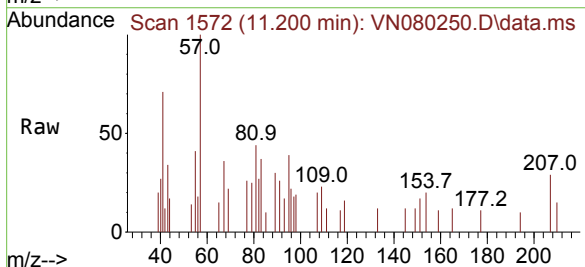
Instrument :
MSVOA_N
ClientSampleId :

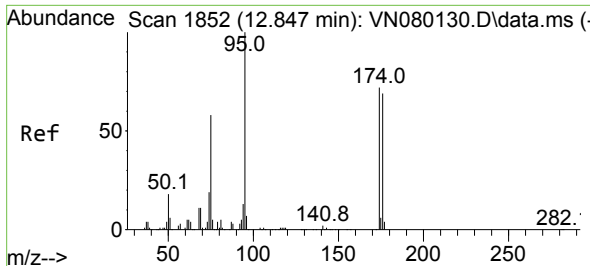
Tgt Ion: 98 Resp: 528425
Ion Ratio Lower Upper
98 100
100 65.7 52.0 78.0



#59
2-Hexanone
Concen: 0.401 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN080250.D
Acq: 22 Nov 2023 16:19

Tgt Ion: 43 Resp: 953
Ion Ratio Lower Upper
43 100
58 6.7 31.7 95.1#

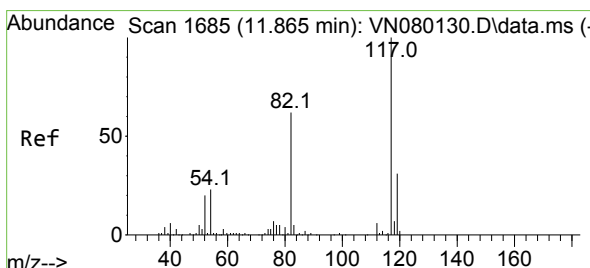
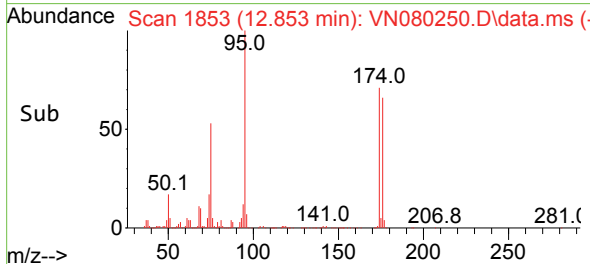
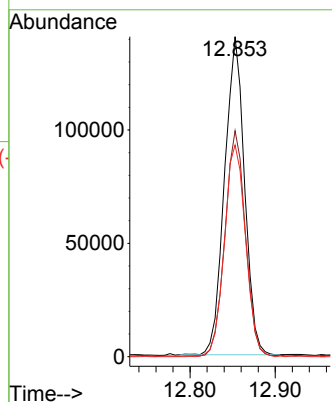
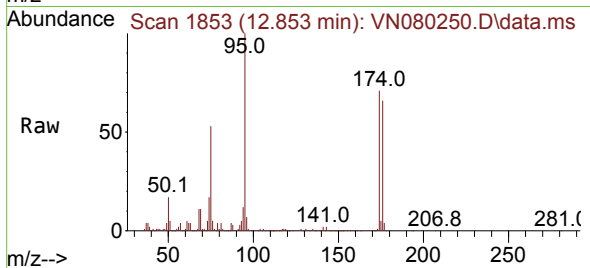




#62
4-Bromofluorobenzene
Concen: 57.548 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080250.D
Acq: 22 Nov 2023 16:19

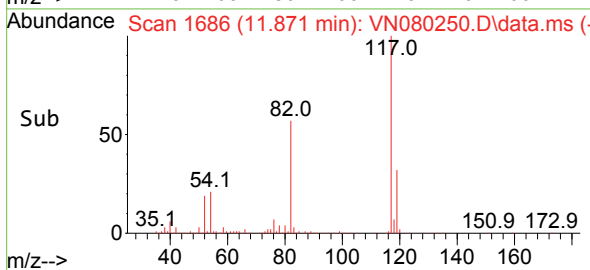
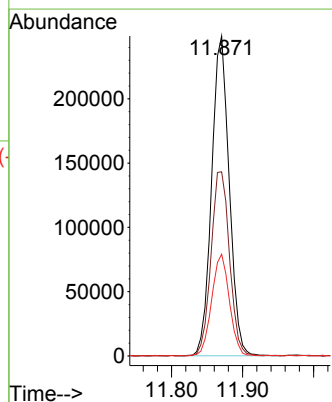
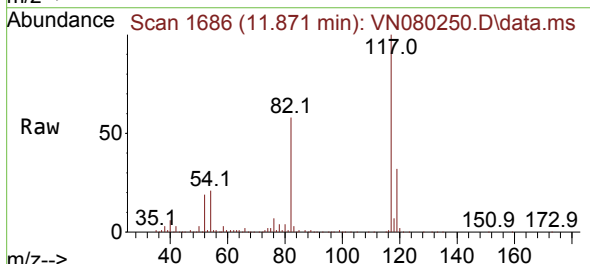
Instrument :
MSVOA_N
ClientSampleId :

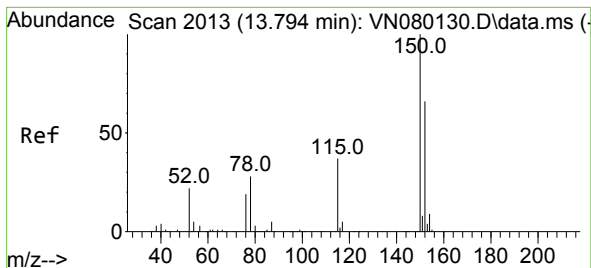
Tgt Ion: 95 Resp: 229330
Ion Ratio Lower Upper
95 100
174 72.2 0.0 143.8
176 70.4 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN080250.D
Acq: 22 Nov 2023 16:19

Tgt Ion: 117 Resp: 427118
Ion Ratio Lower Upper
117 100
82 57.5 44.0 66.0
119 31.7 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 20

Delta R.T. -0.000 min

Lab File: VN080250.D

Acq: 22 Nov 2023 16:19

Instrument :

MSVOA_N

ClientSampleId :

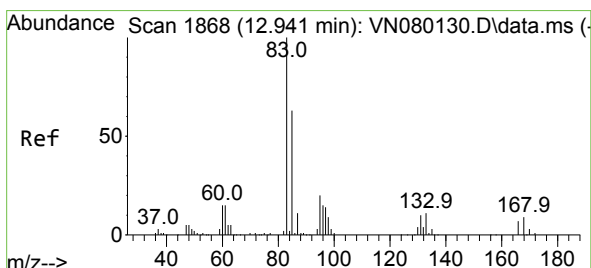
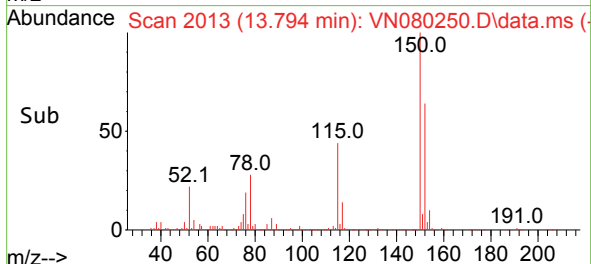
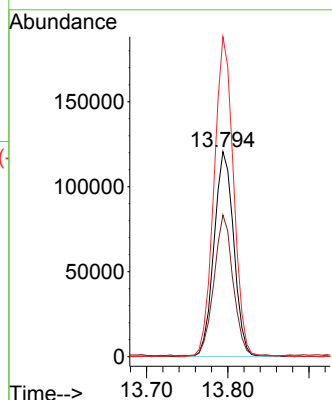
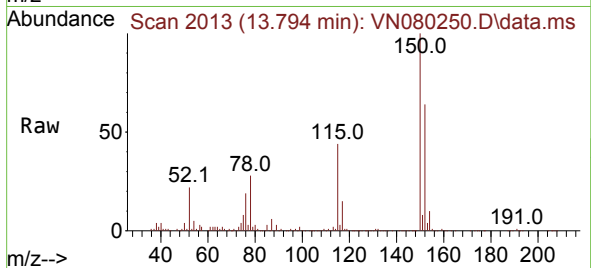
Tgt Ion:152 Resp: 203628

Ion Ratio Lower Upper

152 100

115 66.5 32.3 96.8

150 154.6 0.0 355.8



#75

1,1,2,2-Tetrachloroethane

Concen: 0.207 ug/l

RT: 12.929 min Scan# 1866

Delta R.T. -0.012 min

Lab File: VN080250.D

Acq: 22 Nov 2023 16:19

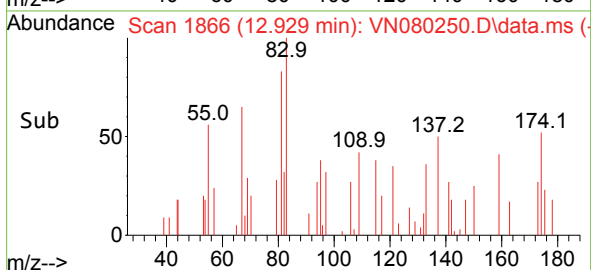
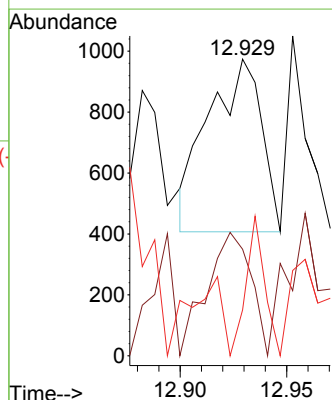
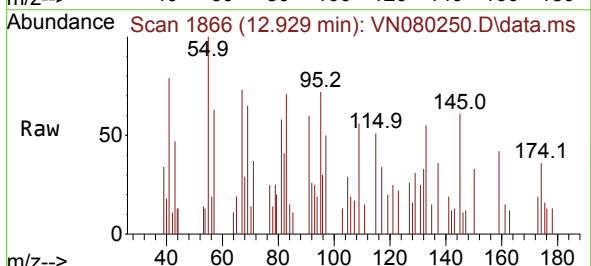
Tgt Ion: 83 Resp: 982

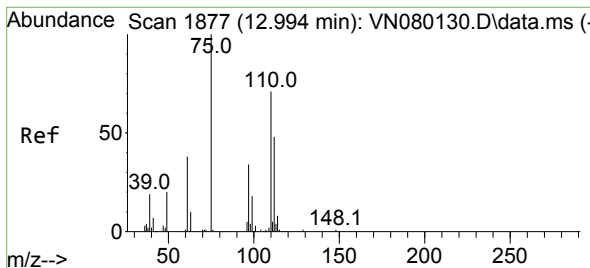
Ion Ratio Lower Upper

83 100

131 59.3 5.0 15.0#

85 28.2 31.9 95.7#





#76

1,2,3-Trichloropropane

Concen: 25.216 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN080250.D

Acq: 22 Nov 2023 16:19

Instrument :

MSVOA_N

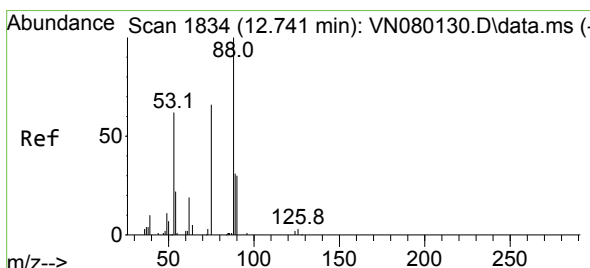
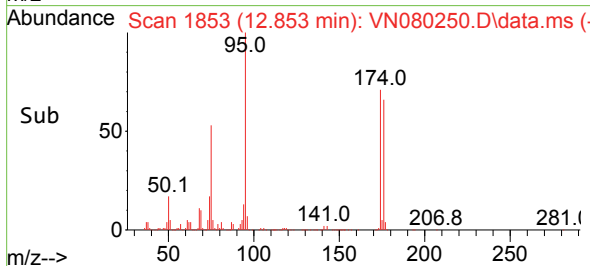
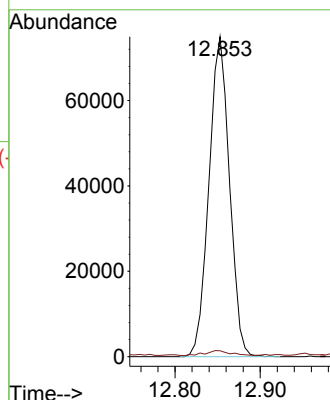
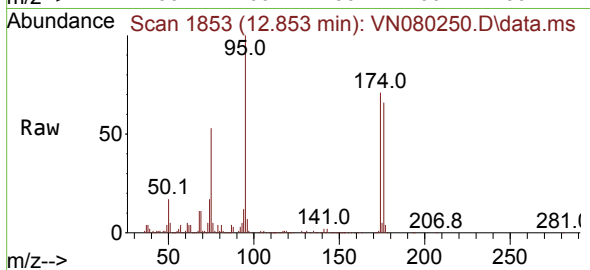
ClientSampleId :

Tgt Ion: 75 Resp: 125811

Ion Ratio Lower Upper

75 100

77 1.9 84.5 253.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 85.196 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.112 min

Lab File: VN080250.D

Acq: 22 Nov 2023 16:19

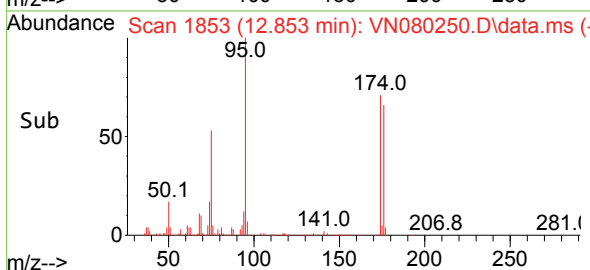
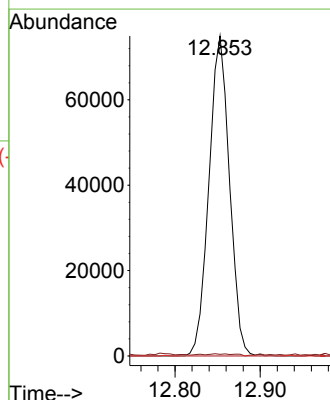
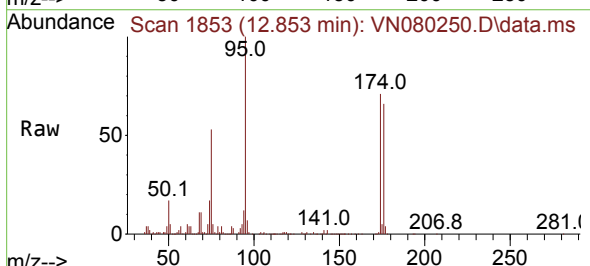
Tgt Ion: 75 Resp: 125811

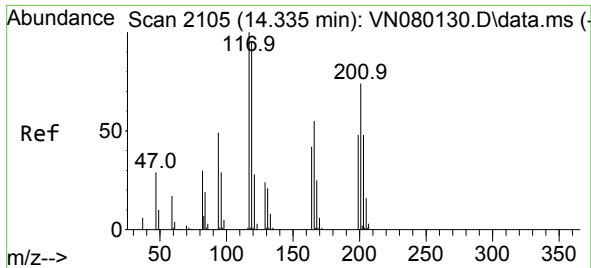
Ion Ratio Lower Upper

75 100

53 1.1 67.4 101.2#

89 0.0 38.8 58.2#

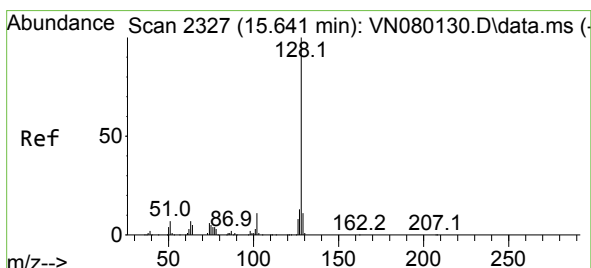
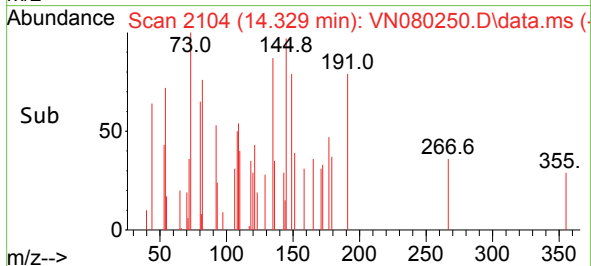
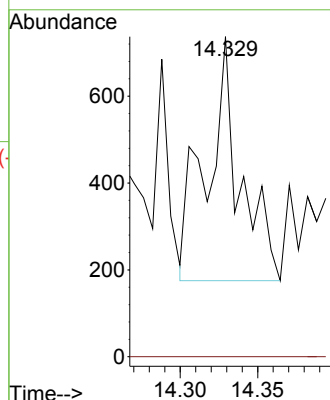
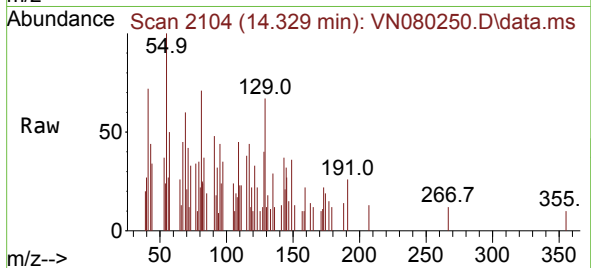




#90
Hexachloroethane
Concen: 0.348 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.006 min
Lab File: VN080250.D
Acq: 22 Nov 2023 16:19

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 847
Ion Ratio Lower Upper
117 100
201 0.0 29.3 88.0#



#95
Naphthalene
Concen: 0.303 ug/l
RT: 15.653 min Scan# 2329
Delta R.T. 0.012 min
Lab File: VN080250.D
Acq: 22 Nov 2023 16:19

Tgt Ion:128 Resp: 3514
Ion Ratio Lower Upper
128 100
127 6.3 10.0 15.0#
129 16.5 8.7 13.1#

