

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121923\
 Data File : VN080511.D
 Acq On : 19 Dec 2023 11:22
 Operator : JC\MD
 Sample : VN1219WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 20 03:58:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 13 01:57:14 2023
 Response via : Initial Calibration

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

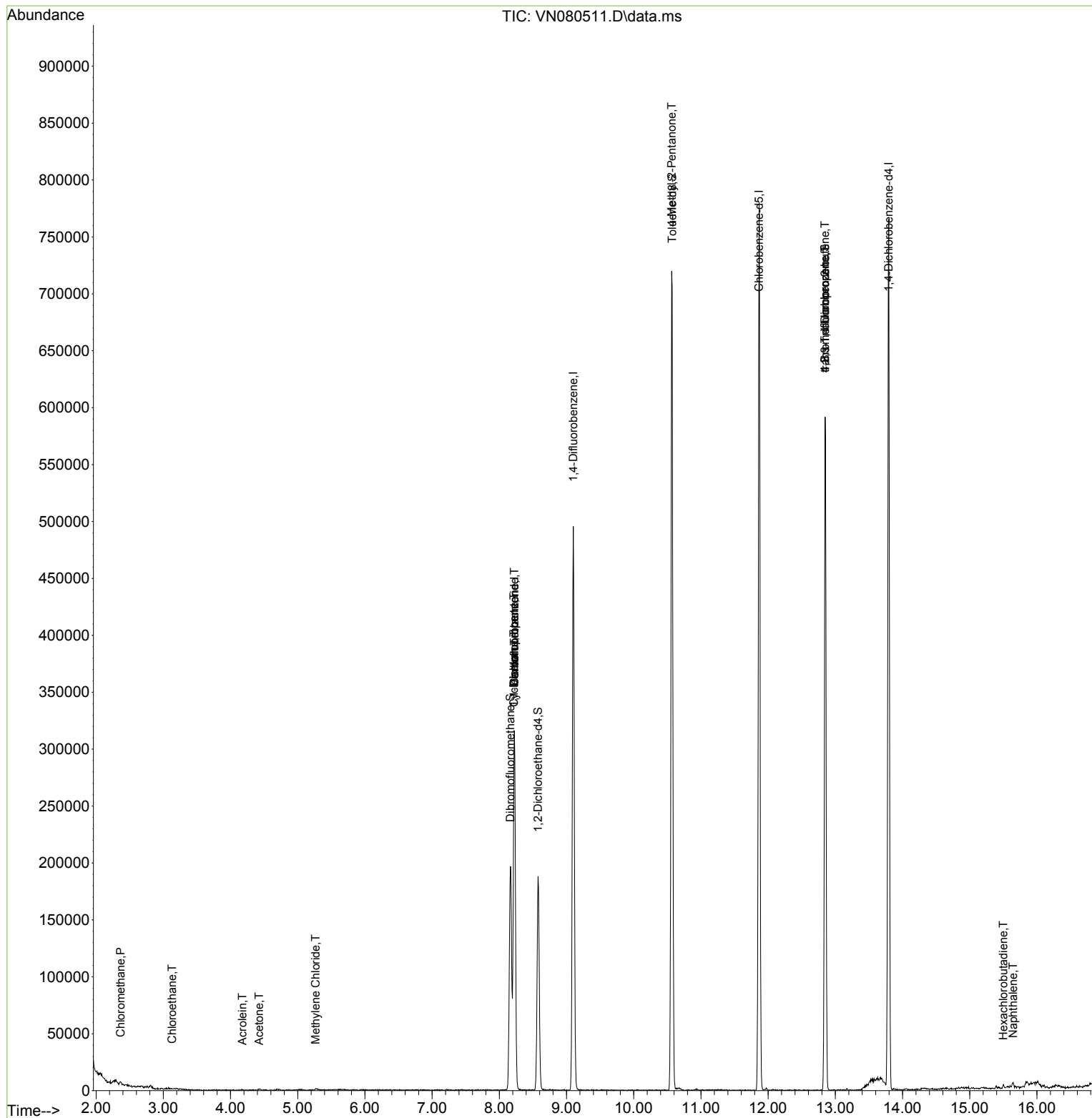
Internal Standards						
1) Pentafluorobenzene	8.224	168	227862	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	415320	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	442301	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	207043	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	165826	56.979	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 113.960%	
35) Dibromofluoromethane	8.165	113	142921	54.275	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 108.540%	
50) Toluene-d8	10.571	98	509530	51.883	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.760%	
62) 4-Bromofluorobenzene	12.847	95	211006	56.582	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 113.160%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.366	50	3123	0.627	ug/l	97
6) Chloroethane	3.130	64	541	0.339	ug/l #	43
13) Acrolein	4.177	56	347	0.924	ug/l #	41
16) Acetone	4.424	43	1011	1.959	ug/l	95
20) Methylene Chloride	5.265	84	886	0.321	ug/l #	75
31) Cyclohexane	8.218	56	4526	1.144	ug/l #	30
36) 1,1-Dichloropropene	8.218	75	18073	4.198	ug/l #	50
38) Carbon Tetrachloride	8.224	117	24862	4.833	ug/l #	17
51) 4-Methyl-2-Pentanone	10.565	43	1686	0.631	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	115053	27.855	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	115053	73.136	ug/l #	15
94) Hexachlorobutadiene	15.500	225	919	0.425	ug/l	80
95) Naphthalene	15.647	128	4233	0.367	ug/l #	93

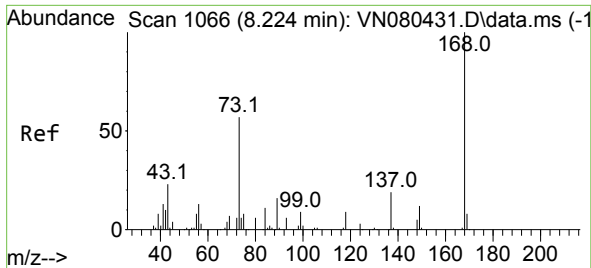
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121923\
Data File : VN080511.D
Acq On : 19 Dec 2023 11:22
Operator : JC\MD
Sample : VN1219WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Dec 20 03:58:15 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 13 01:57:14 2023
Response via : Initial Calibration

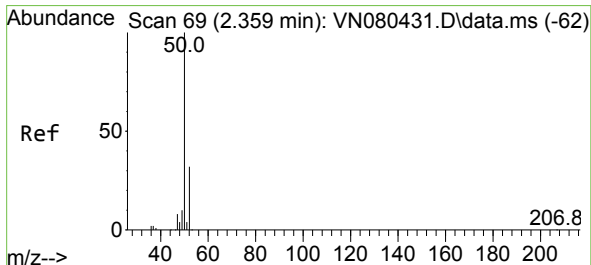
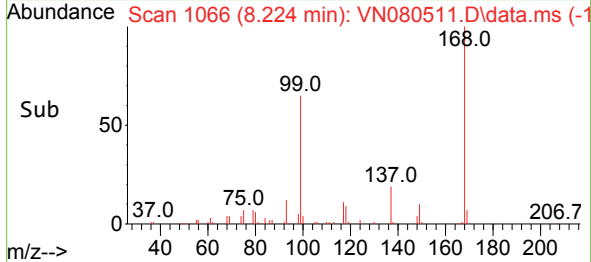
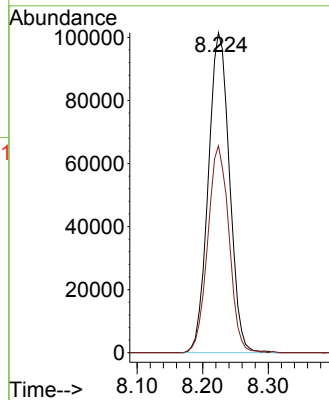
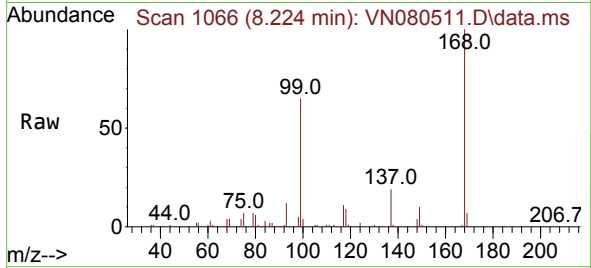




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VN080511.D
Acq: 19 Dec 2023 11:22

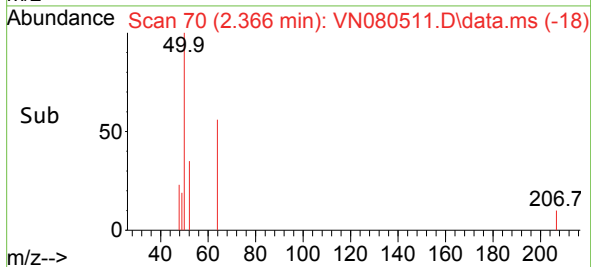
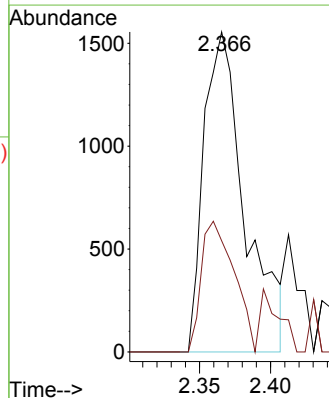
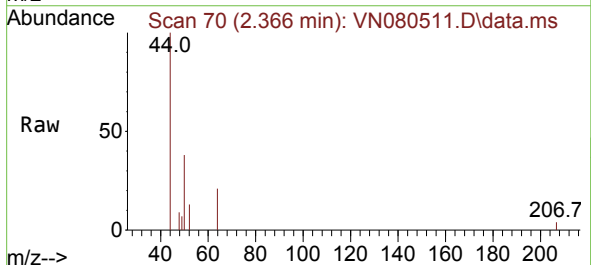
Instrument :
MSVOA_N
ClientSampleId :

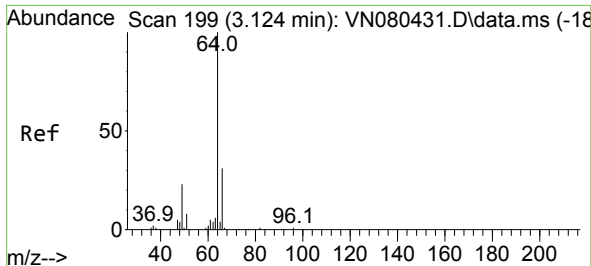
Tgt Ion:168 Resp: 227862
Ion Ratio Lower Upper
168 100
99 64.7 53.0 79.6



#3
Chloromethane
Concen: 0.627 ug/l
RT: 2.366 min Scan# 70
Delta R.T. 0.007 min
Lab File: VN080511.D
Acq: 19 Dec 2023 11:22

Tgt Ion: 50 Resp: 3123
Ion Ratio Lower Upper
50 100
52 34.7 26.5 39.7

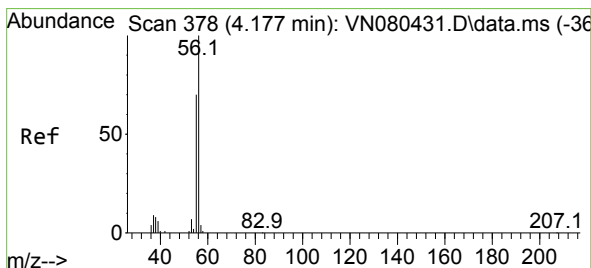
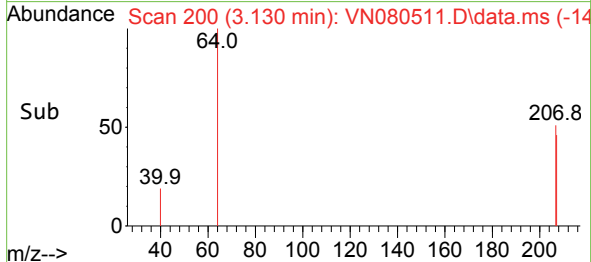
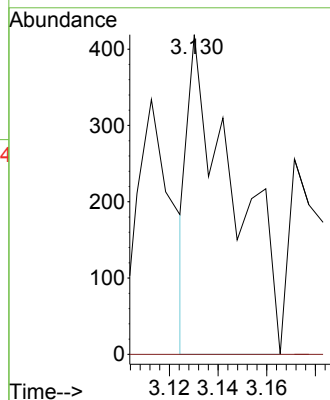
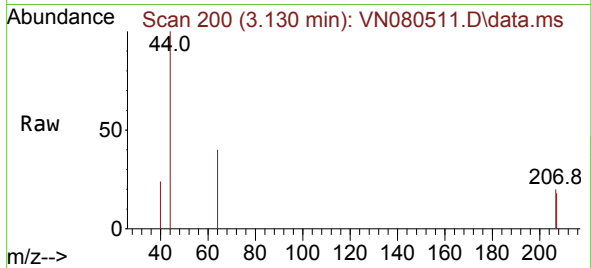




#6
Chloroethane
Concen: 0.339 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.006 min
Lab File: VN080511.D
Acq: 19 Dec 2023 11:22

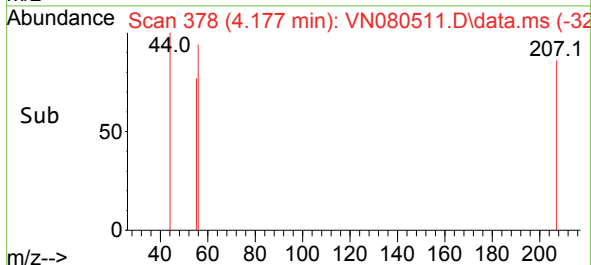
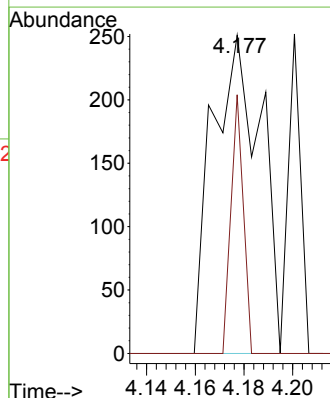
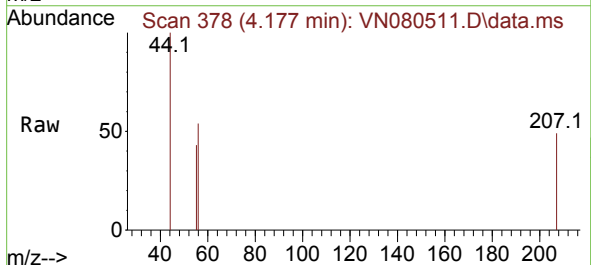
Instrument :
MSVOA_N
ClientSampleId :

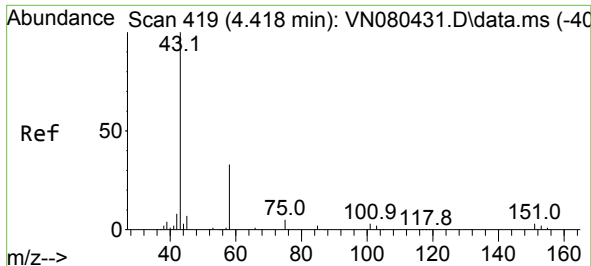
Tgt Ion: 64 Resp: 541
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



#13
Acrolein
Concen: 0.924 ug/l
RT: 4.177 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN080511.D
Acq: 19 Dec 2023 11:22

Tgt Ion: 56 Resp: 347
Ion Ratio Lower Upper
56 100
55 20.7 54.5 81.7#

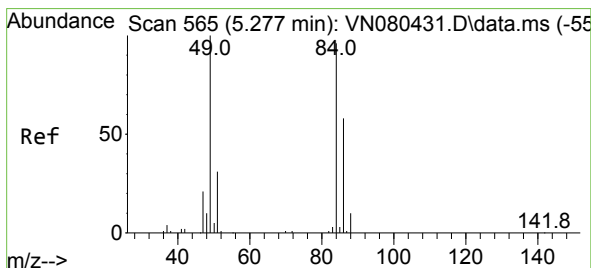
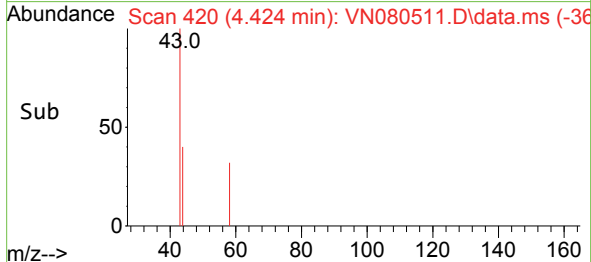
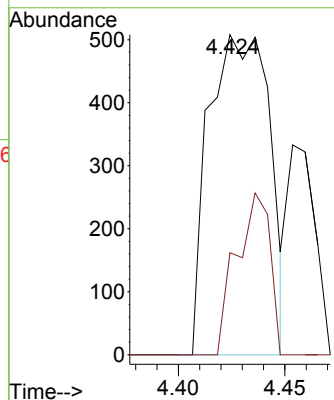
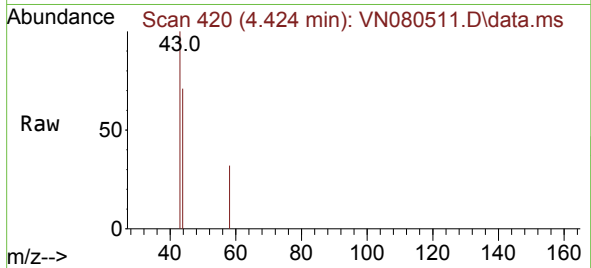




#16
Acetone
Concen: 1.959 ug/l
RT: 4.424 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN080511.D
Acq: 19 Dec 2023 11:22

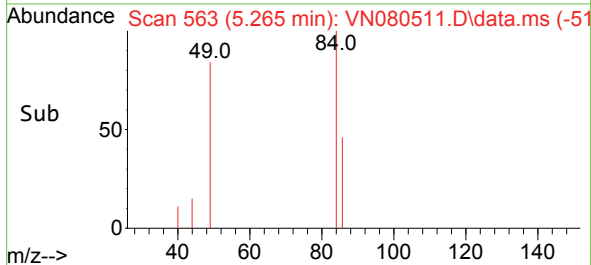
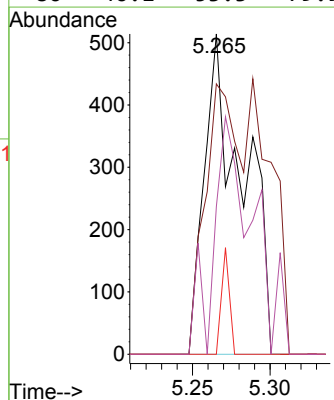
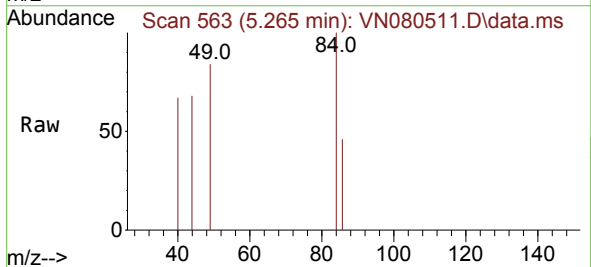
Instrument :
MSVOA_N
ClientSampleId :

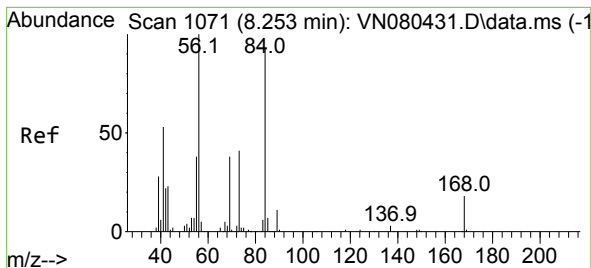
Tgt Ion: 43 Resp: 1011
Ion Ratio Lower Upper
43 100
58 31.9 28.0 42.0



#20
Methylene Chloride
Concen: 0.321 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.011 min
Lab File: VN080511.D
Acq: 19 Dec 2023 11:22

Tgt Ion: 84 Resp: 886
Ion Ratio Lower Upper
84 100
49 84.4 79.7 119.5
51 0.0 25.2 37.8#
86 46.1 53.3 79.9#





#31

Cyclohexane

Concen: 1.144 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.035 min

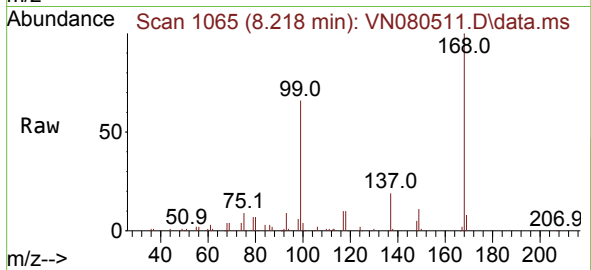
Lab File: VN080511.D

Acq: 19 Dec 2023 11:22

Instrument :

MSVOA_N

ClientSampleId :



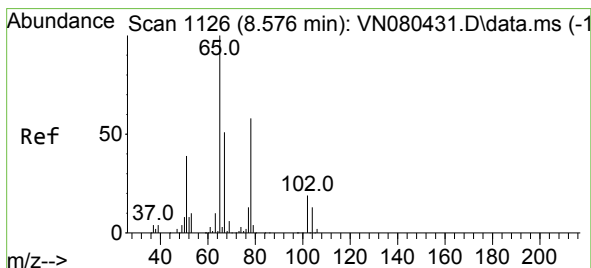
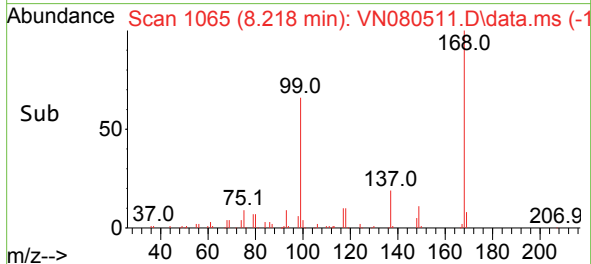
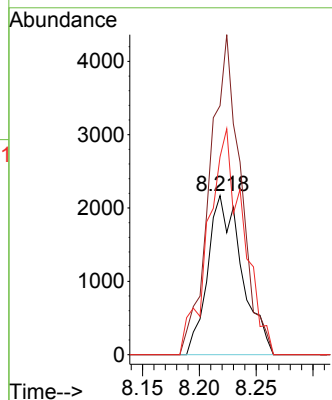
Tgt Ion: 56 Resp: 4526

Ion Ratio Lower Upper

56 100

69 156.5 26.8 40.2#

84 124.3 81.8 122.6#



#33

1,2-Dichloroethane-d4

Concen: 56.979 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN080511.D

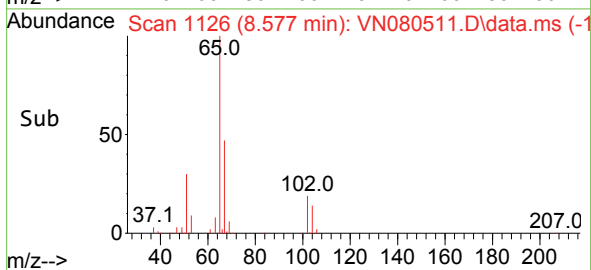
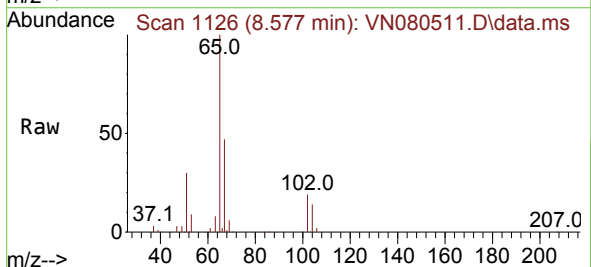
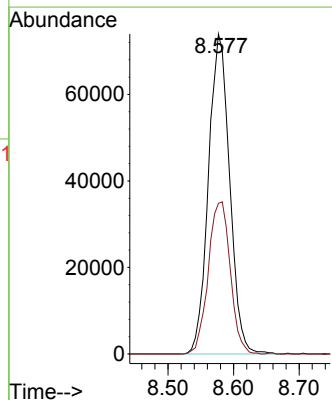
Acq: 19 Dec 2023 11:22

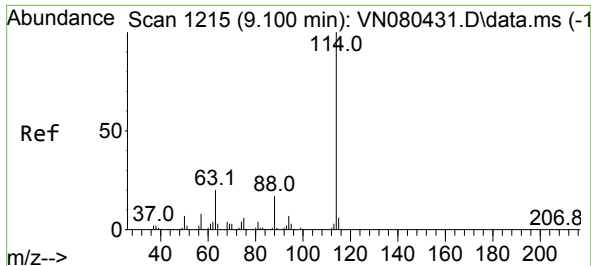
Tgt Ion: 65 Resp: 165826

Ion Ratio Lower Upper

65 100

67 49.4 0.0 106.6

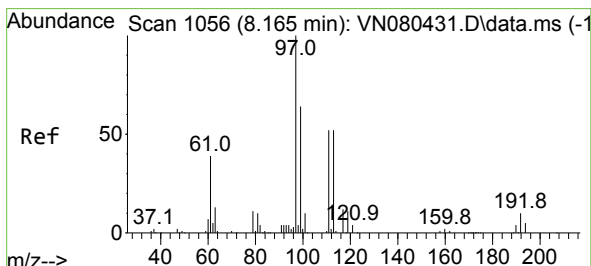
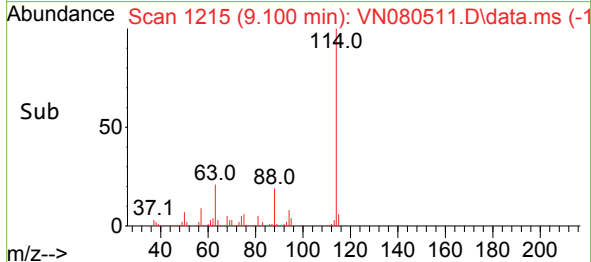
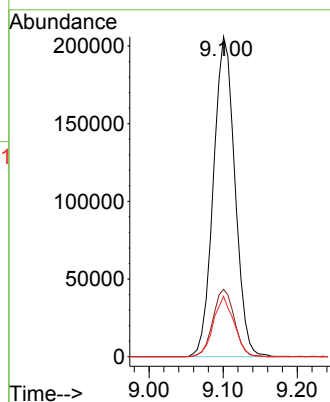
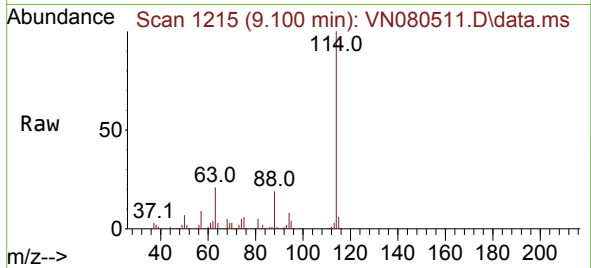




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080511.D
Acq: 19 Dec 2023 11:22

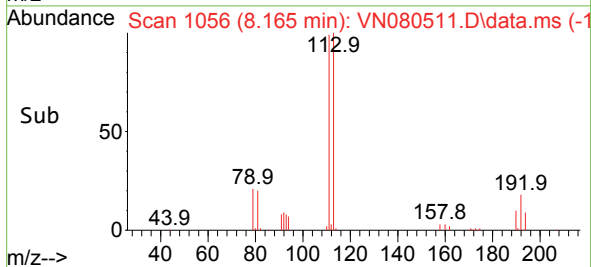
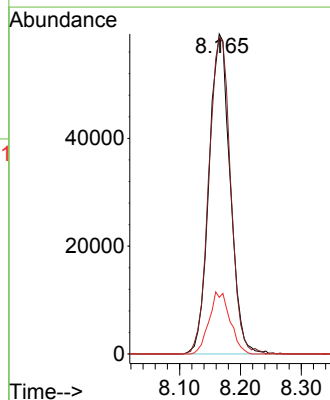
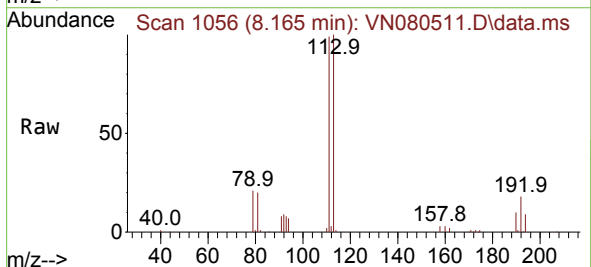
Instrument :
MSVOA_N
ClientSampleId :

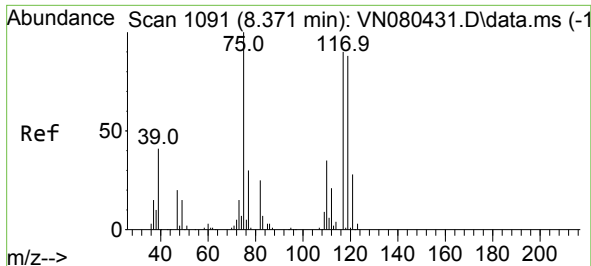
Tgt Ion:114 Resp: 415320
Ion Ratio Lower Upper
114 100
63 21.0 0.0 36.4
88 18.9 0.0 30.6



#35
Dibromofluoromethane
Concen: 54.275 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080511.D
Acq: 19 Dec 2023 11:22

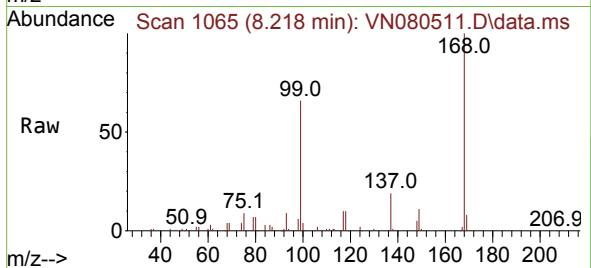
Tgt Ion:113 Resp: 142921
Ion Ratio Lower Upper
113 100
111 101.8 82.6 123.8
192 19.3 12.7 19.1#



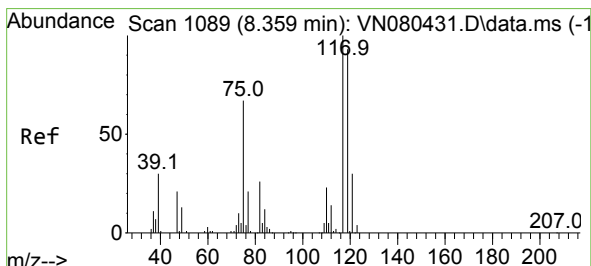
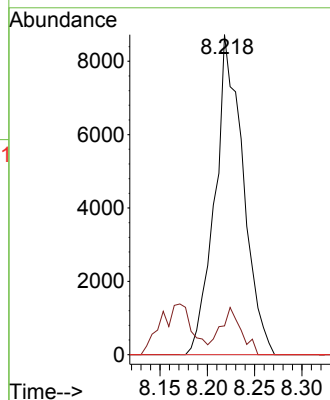
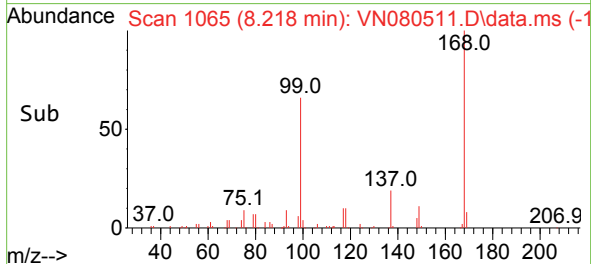


#36
1,1-Dichloropropene
Concen: 4.198 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.152 min
Lab File: VN080511.D
Acq: 19 Dec 2023 11:22

Instrument :
MSVOA_N
ClientSampleId :

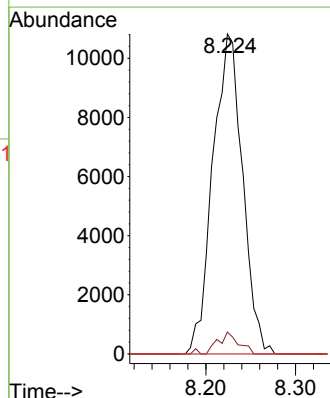
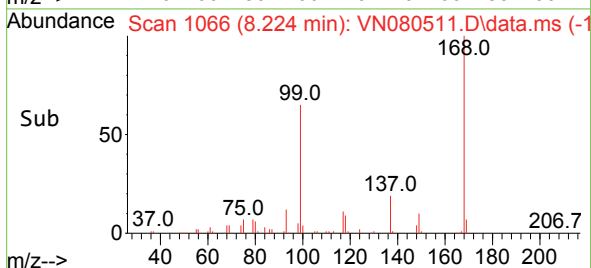
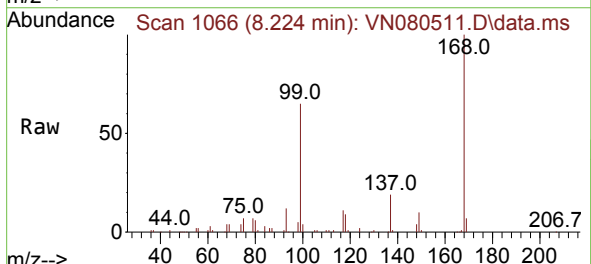


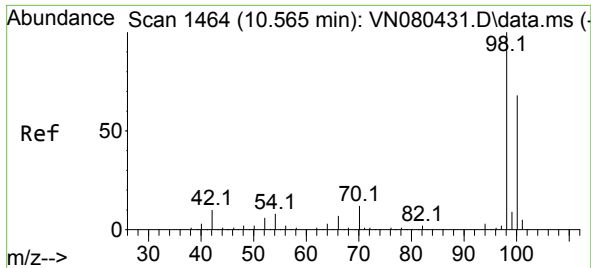
Tgt Ion: 75 Resp: 18073
Ion Ratio Lower Upper
75 100
110 11.0 19.1 57.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 4.833 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN080511.D
Acq: 19 Dec 2023 11:22

Tgt Ion: 117 Resp: 24862
Ion Ratio Lower Upper
117 100
119 6.8 77.3 115.9#
121 0.0 23.3 34.9#

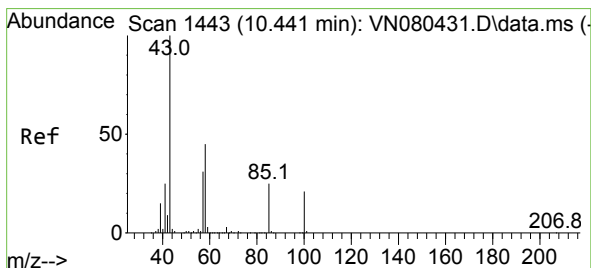
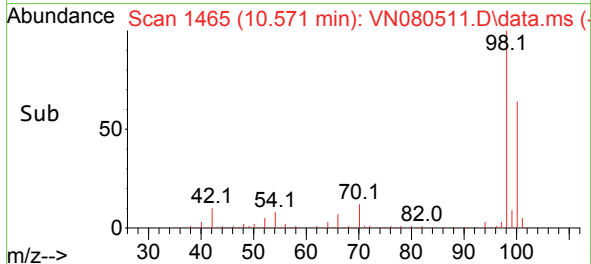
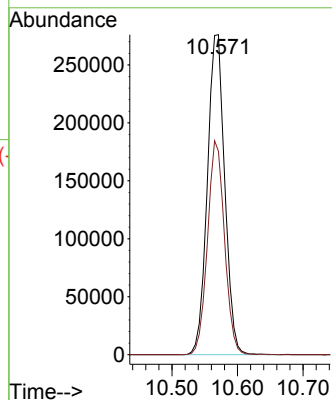
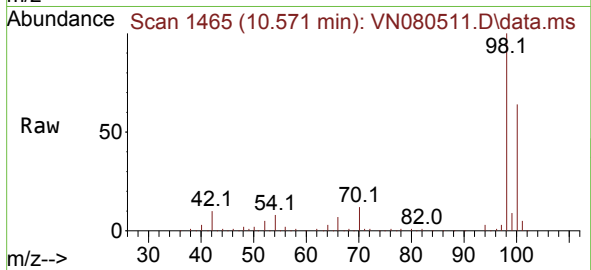




#50
Toluene-d8
Concen: 51.883 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080511.D
Acq: 19 Dec 2023 11:22

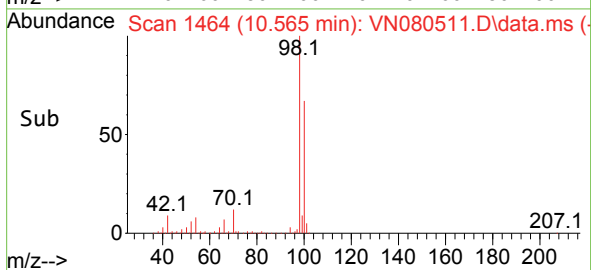
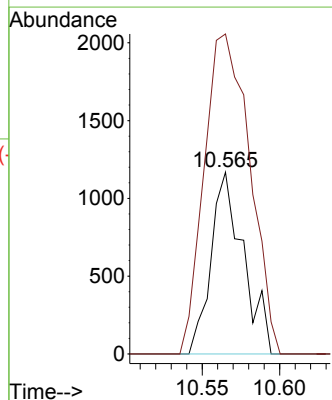
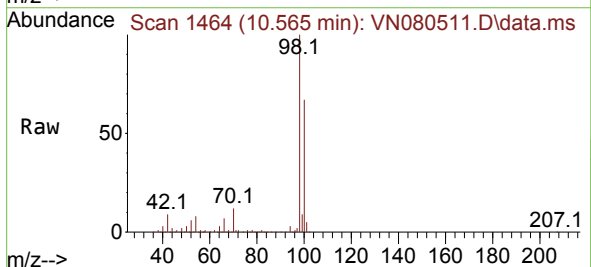
Instrument :
MSVOA_N
ClientSampleId :

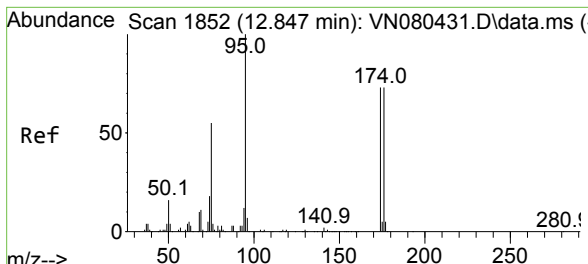
Tgt Ion: 98 Resp: 509530
Ion Ratio Lower Upper
98 100
100 65.3 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.631 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.124 min
Lab File: VN080511.D
Acq: 19 Dec 2023 11:22

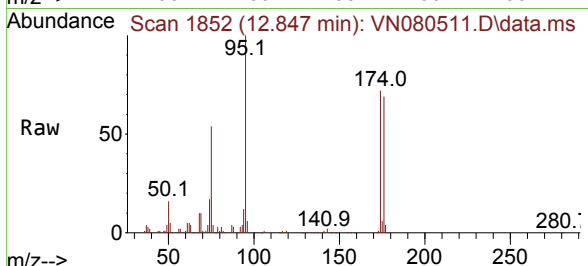
Tgt Ion: 43 Resp: 1686
Ion Ratio Lower Upper
43 100
58 249.4 36.6 54.8#





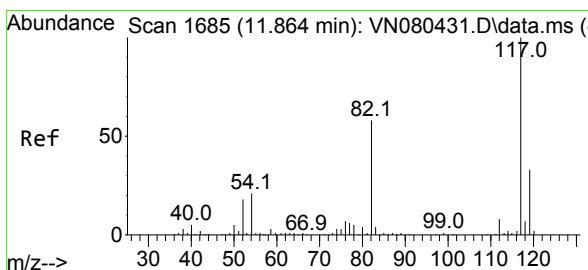
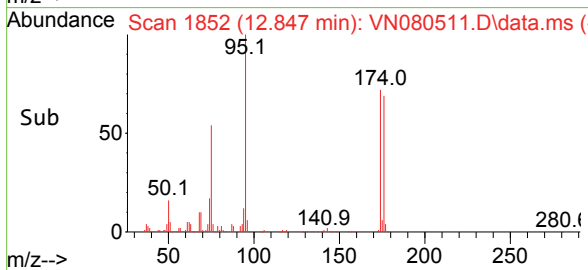
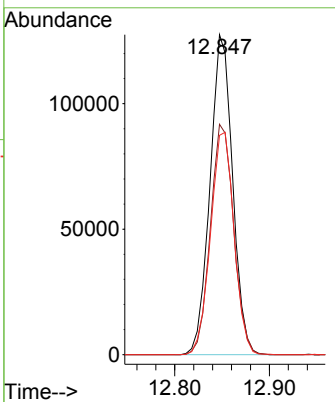
#62
 4-Bromofluorobenzene
 Concen: 56.582 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VN080511.D
 Acq: 19 Dec 2023 11:22

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 95 Resp: 211006

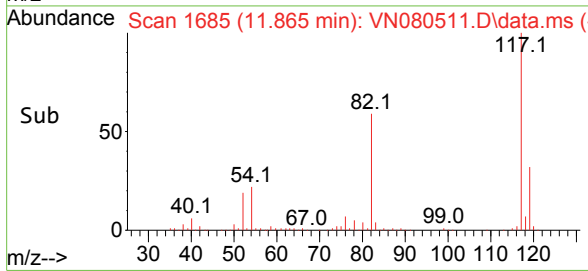
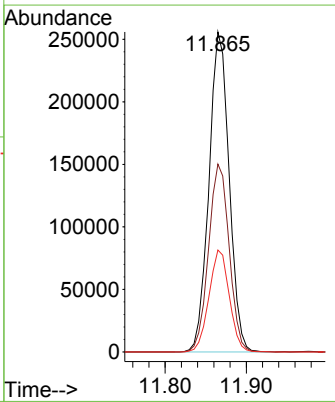
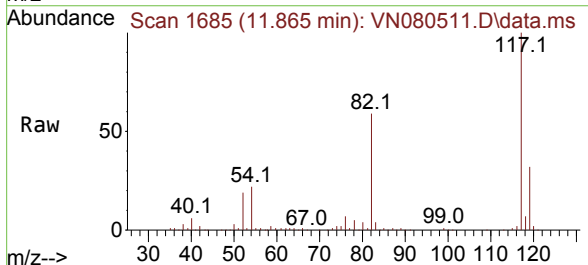
Ion	Ratio	Lower	Upper
95	100		
174	74.4	0.0	143.8
176	72.4	0.0	135.8

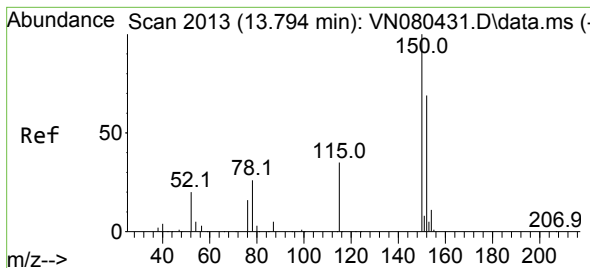


#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.865 min Scan# 1685
 Delta R.T. 0.000 min
 Lab File: VN080511.D
 Acq: 19 Dec 2023 11:22

Tgt Ion: 117 Resp: 442301

Ion	Ratio	Lower	Upper
117	100		
82	58.7	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

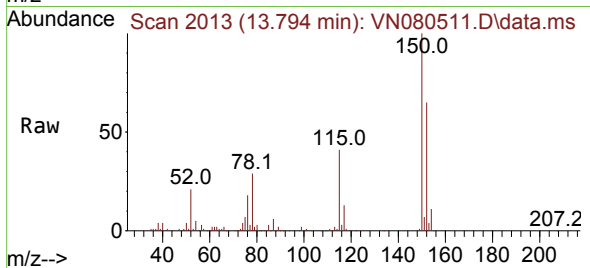
Lab File: VN080511.D

Acq: 19 Dec 2023 11:22

Instrument :

MSVOA_N

ClientSampleId :



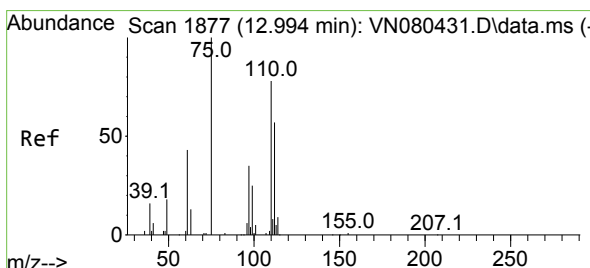
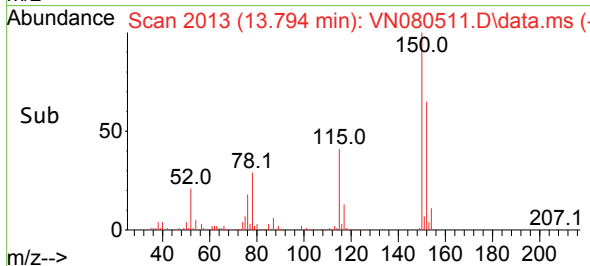
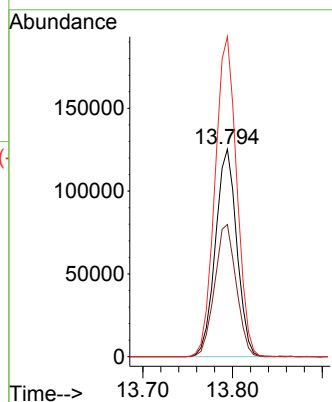
Tgt Ion:152 Resp: 207043

Ion Ratio Lower Upper

152 100

115 64.5 32.3 96.8

150 156.5 0.0 355.8



#76

1,2,3-Trichloropropane

Concen: 27.855 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN080511.D

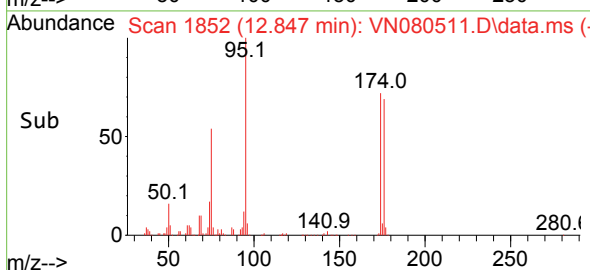
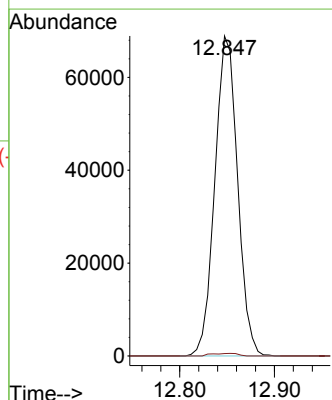
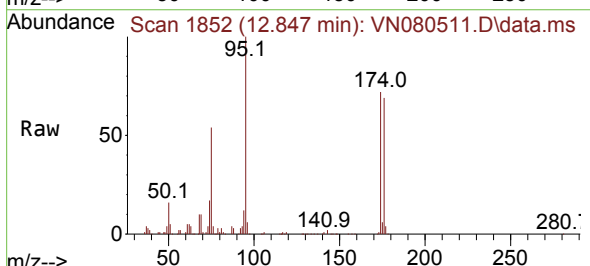
Acq: 19 Dec 2023 11:22

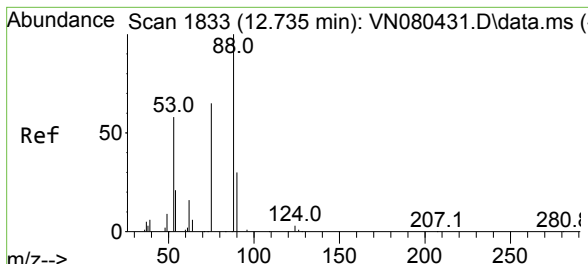
Tgt Ion: 75 Resp: 115053

Ion Ratio Lower Upper

75 100

77 0.9 84.5 253.5#

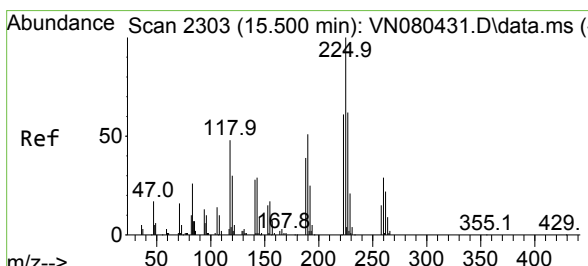
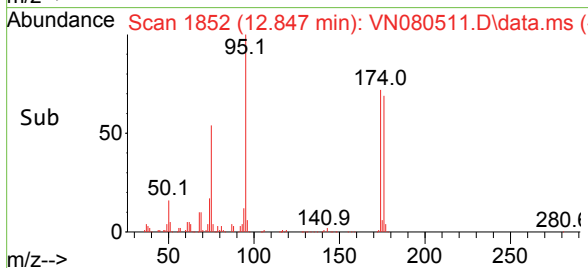
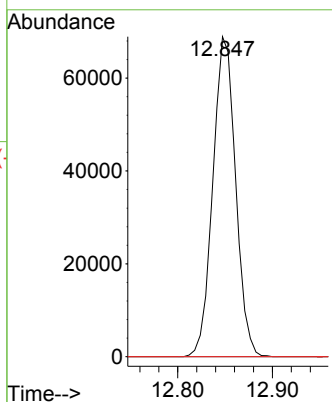
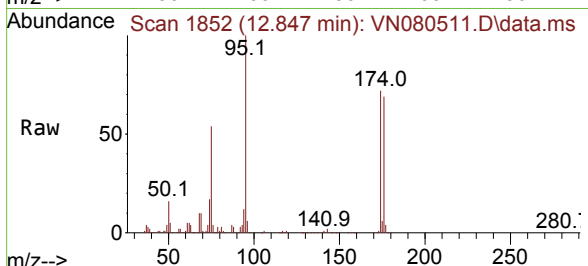




#81
 trans-1,4-Dichloro-2-butene
 Concen: 73.136 ug/l
 RT: 12.847 min Scan# 115053
 Delta R.T. 0.112 min
 Lab File: VN080511.D
 Acq: 19 Dec 2023 11:22

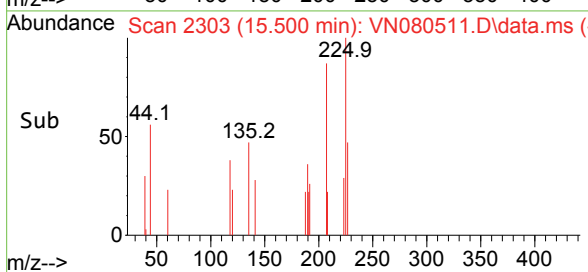
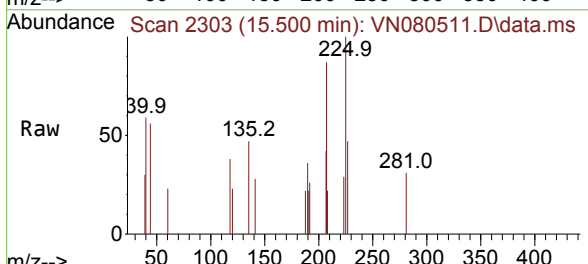
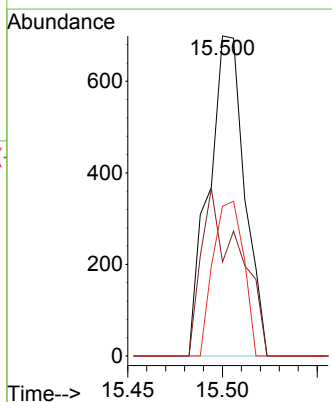
Instrument :
 MSVOA_N
 ClientSampleId :

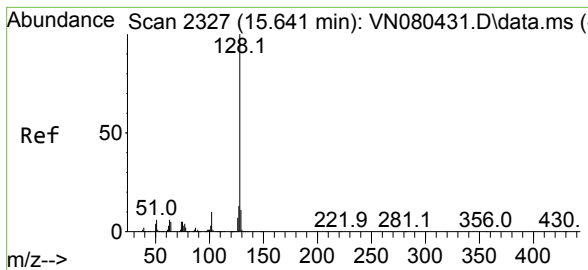
Tgt Ion:	75	Resp:	115053
Ion Ratio	Lower	Upper	
75	100		
53	0.0	67.4	101.2#
89	0.0	38.8	58.2#



#94
 Hexachlorobutadiene
 Concen: 0.425 ug/l
 RT: 15.500 min Scan# 2303
 Delta R.T. 0.000 min
 Lab File: VN080511.D
 Acq: 19 Dec 2023 11:22

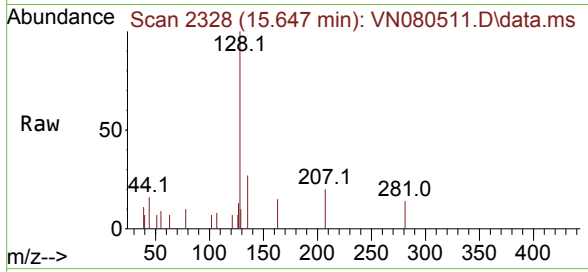
Tgt Ion:	225	Resp:	919
Ion Ratio	Lower	Upper	
225	100		
223	54.7	31.3	93.8
227	41.1	31.9	95.9





#95
 Naphthalene
 Concen: 0.367 ug/l
 RT: 15.647 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN080511.D
 Acq: 19 Dec 2023 11:22

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	128	Resp:	4233
Ion	Ratio	Lower	Upper
128	100		
127	15.8	10.0	15.0#
129	12.7	8.7	13.1

