

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081024\
 Data File : VN083198.D
 Acq On : 10 Aug 2024 11:10
 Operator : JC\MD
 Sample : VN0810WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 12 01:46:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

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

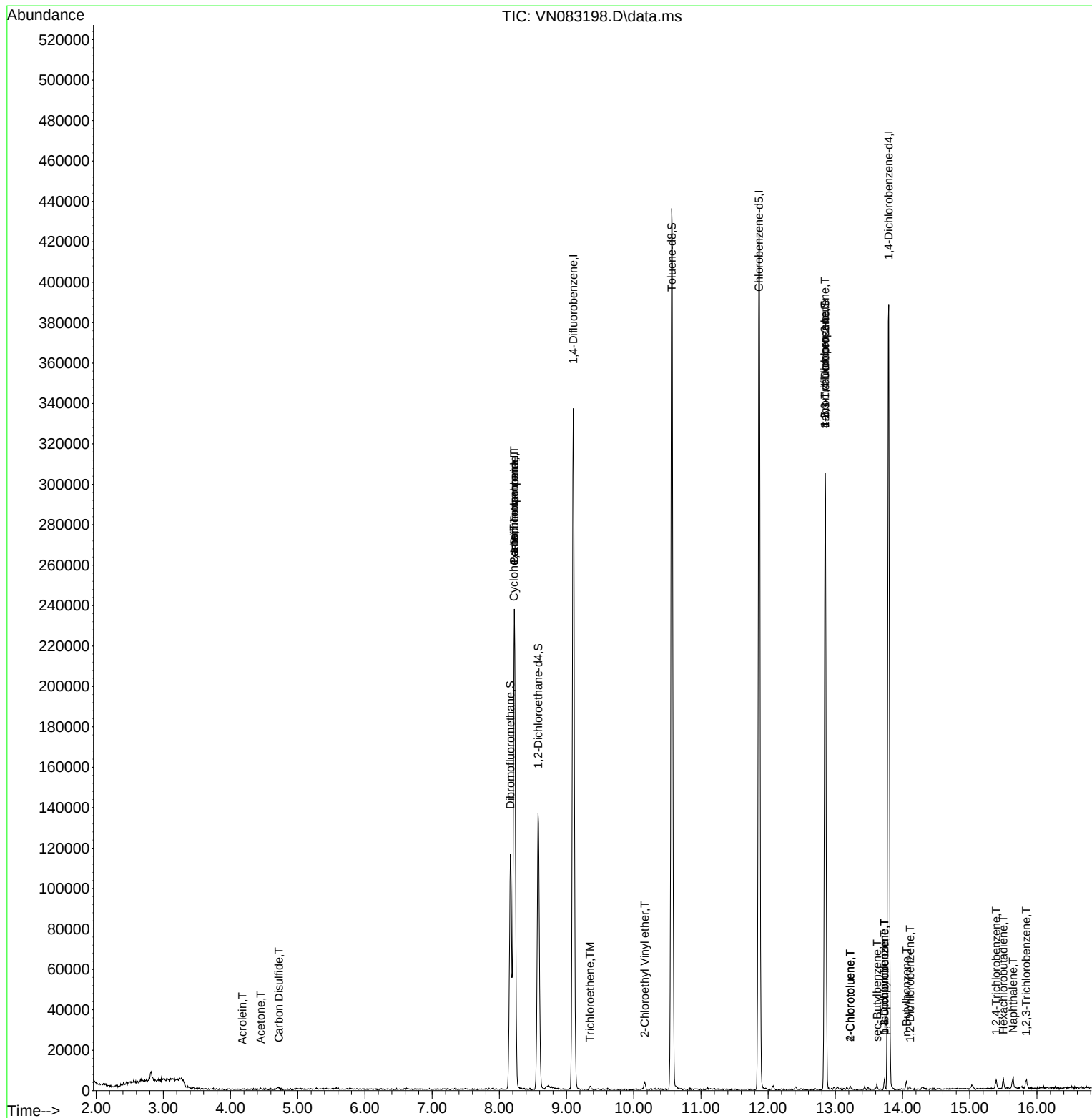
Internal Standards						
1) Pentafluorobenzene	8.224	168	165059	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	285460	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	240025	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	101495	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	118771	50.553	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.100%
35) Dibromofluoromethane	8.165	113	84047	47.170	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.340%
50) Toluene-d8	10.565	98	302903	45.574	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.140%
62) 4-Bromofluorobenzene	12.847	95	111783	43.140	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	86.280%
Target Compounds						
					Qvalue	
13) Acrolein	4.177	56	238	0.748	ug/l #	14
16) Acetone	4.448	43	682	0.742	ug/l #	48
17) Carbon Disulfide	4.718	76	3038	0.567	ug/l #	75
31) Cyclohexane	8.218	56	4114	1.182	ug/l #	11
36) 1,1-Dichloropropene	8.224	75	14941	5.543	ug/l #	50
38) Carbon Tetrachloride	8.224	117	18355	6.046	ug/l #	17
43) Isopropyl Acetate	8.706	43	912	Below Cal	#	60
44) Trichloroethene	9.347	130	684	0.358	ug/l	78
58) 2-Chloroethyl Vinyl ether	10.165	63	1682	1.161	ug/l	99
76) 1,2,3-Trichloropropane	12.847	75	60713	27.255	ug/l #	1
79) 2-Chlorotoluene	13.223	91	1418	0.229	ug/l	82
81) trans-1,4-Dichloro-2-b...	12.847	75	60713	59.287	ug/l #	6
82) 4-Chlorotoluene	13.223	91	1418	0.228	ug/l	82
85) sec-Butylbenzene	13.623	105	1774	0.207	ug/l	88
86) p-Isopropyltoluene	13.729	119	1524	0.215	ug/l #	86
87) 1,3-Dichlorobenzene	13.729	146	851	0.240	ug/l	93
88) 1,4-Dichlorobenzene	13.729	146	851	0.238	ug/l	92
89) n-Butylbenzene	14.059	91	2499	0.407	ug/l	93
91) 1,2-Dichlorobenzene	14.112	146	757	0.220	ug/l	73
93) 1,2,4-Trichlorobenzene	15.394	180	1715	0.891	ug/l	94
94) Hexachlorobutadiene	15.500	225	1068	1.248	ug/l	95
95) Naphthalene	15.647	128	5924	0.869	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.841	180	1850	0.972	ug/l	93

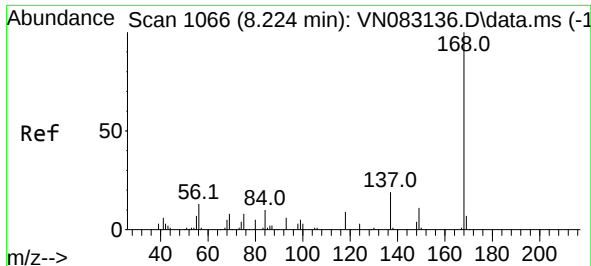
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081024\
Data File : VN083198.D
Acq On : 10 Aug 2024 11:10
Operator : JC\MD
Sample : VN0810WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

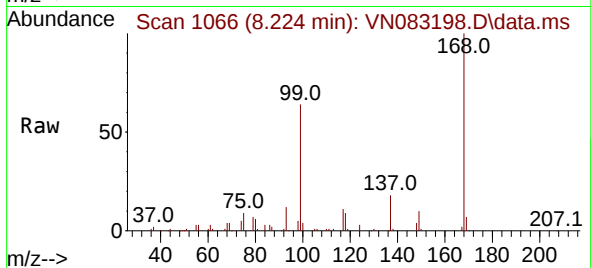
Quant Time: Aug 12 01:46:31 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 08 06:30:41 2024
Response via : Initial Calibration



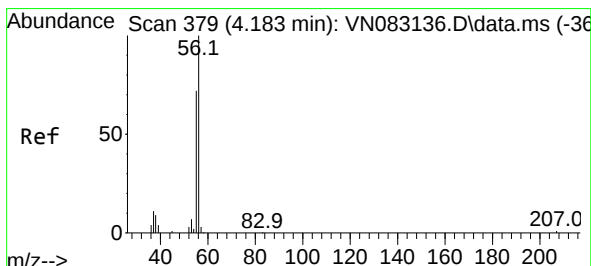
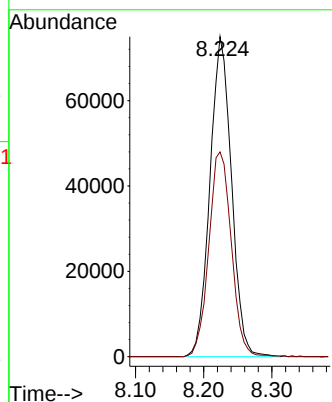
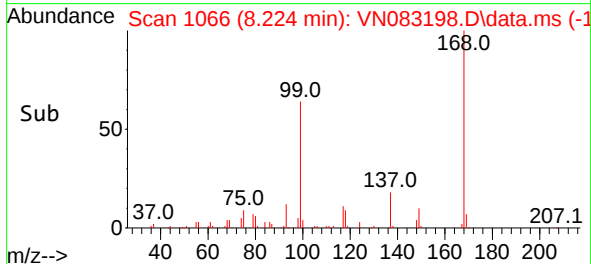


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083198.D
Acq: 10 Aug 2024 11:10

Instrument :
MSVOA_N
ClientSampleId :

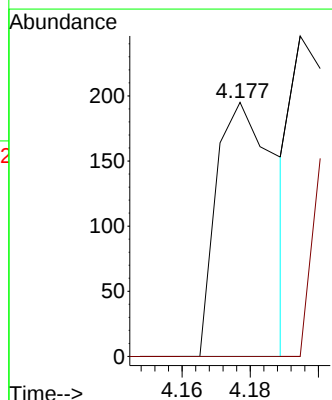
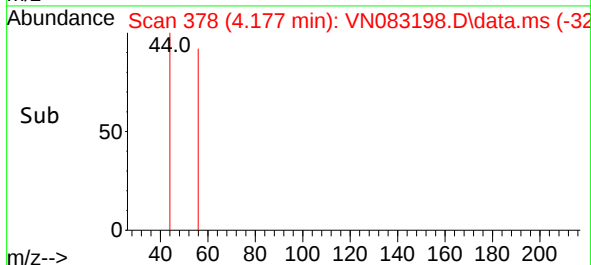
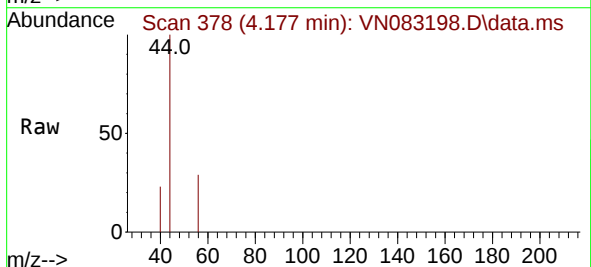


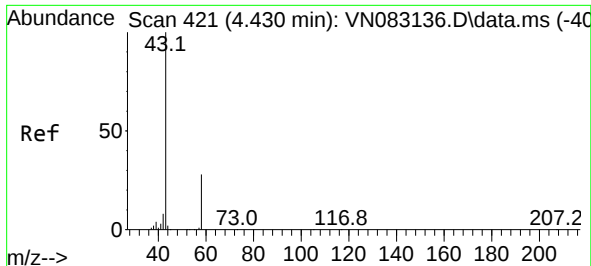
Tgt Ion:168 Resp: 165059
Ion Ratio Lower Upper
168 100
99 64.0 48.2 72.4



#13
Acrolein
Concen: 0.748 ug/l
RT: 4.177 min Scan# 378
Delta R.T. -0.006 min
Lab File: VN083198.D
Acq: 10 Aug 2024 11:10

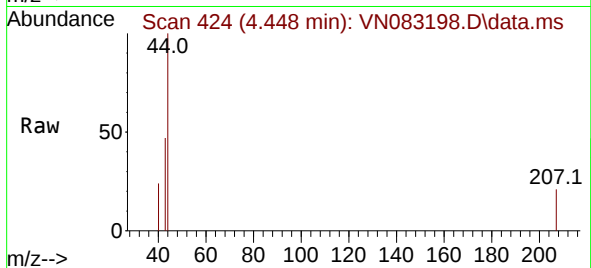
Tgt Ion: 56 Resp: 238
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



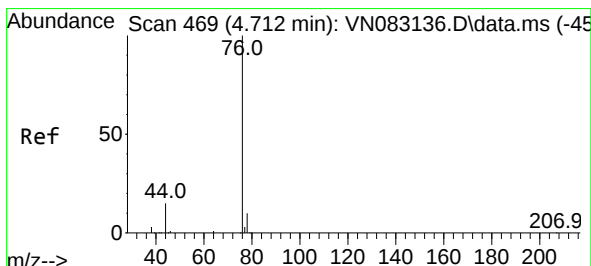
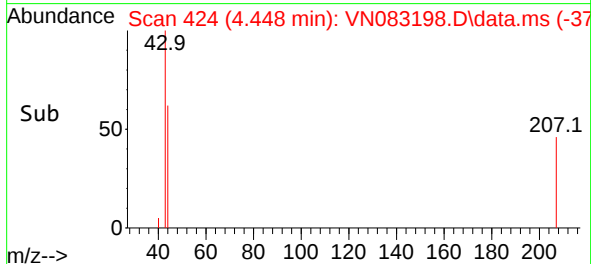
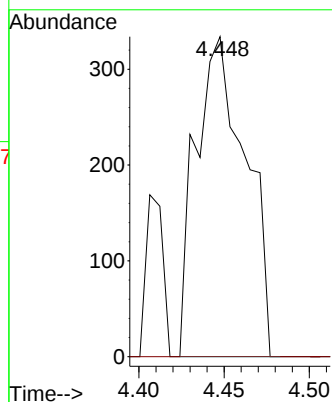


#16
Acetone
Concen: 0.742 ug/l
RT: 4.448 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN083198.D
Acq: 10 Aug 2024 11:10

Instrument :
MSVOA_N
ClientSampleId :

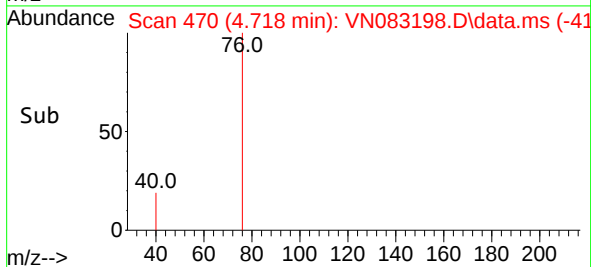
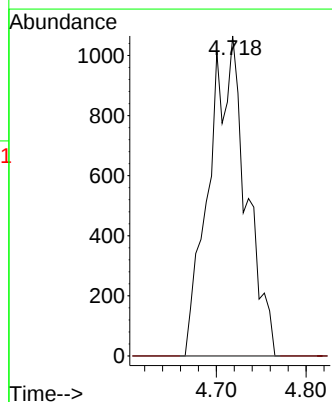
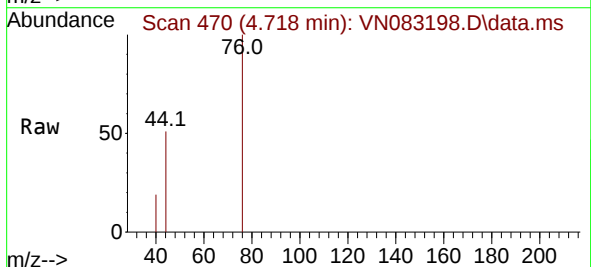


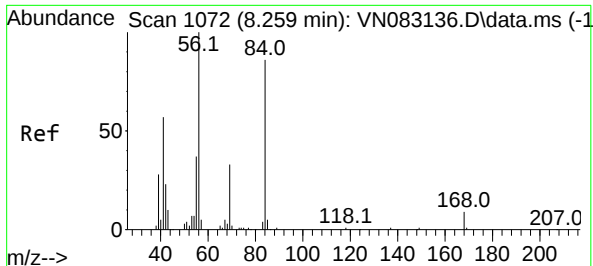
Tgt Ion: 43 Resp: 682
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#



#17
Carbon Disulfide
Concen: 0.567 ug/l
RT: 4.718 min Scan# 470
Delta R.T. 0.006 min
Lab File: VN083198.D
Acq: 10 Aug 2024 11:10

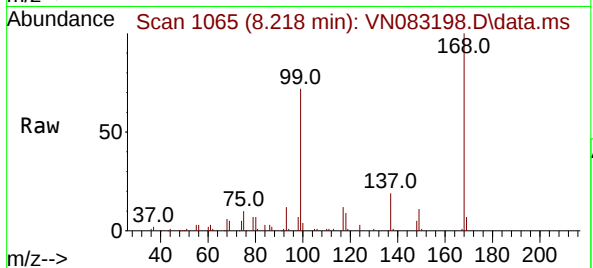
Tgt Ion: 76 Resp: 3038
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



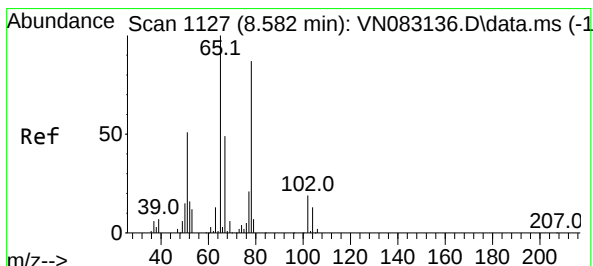
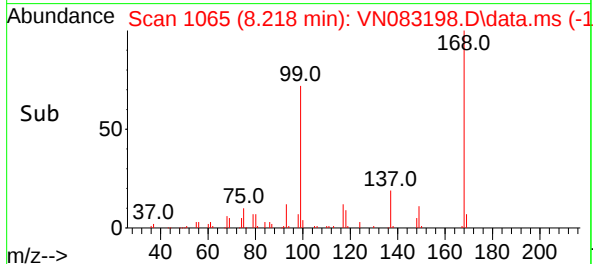
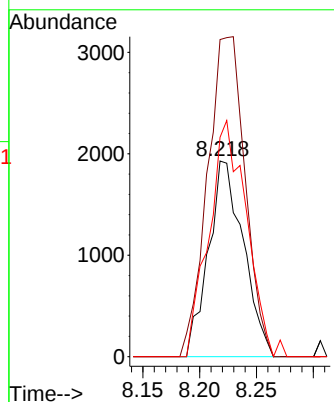


#31
Cyclohexane
Concen: 1.182 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN083198.D
Acq: 10 Aug 2024 11:10

Instrument :
MSVOA_N
ClientSampleId :

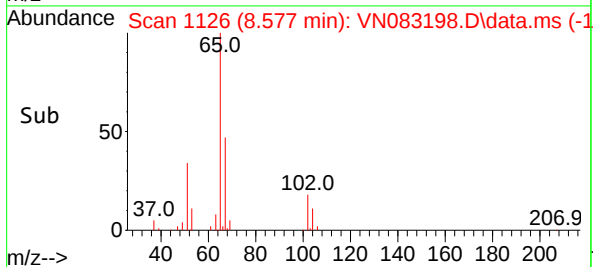
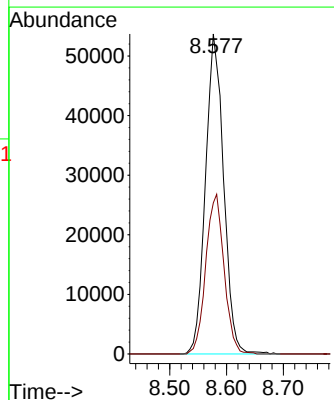
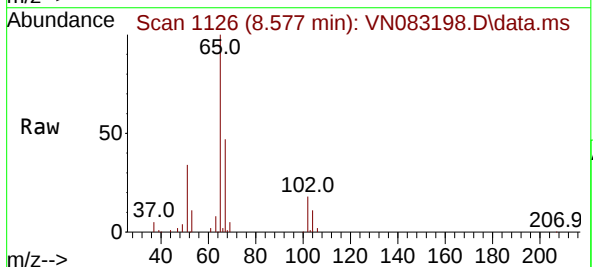


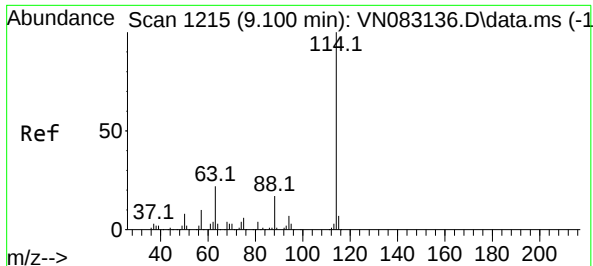
Tgt Ion: 56 Resp: 4114
Ion Ratio Lower Upper
56 100
69 162.1 24.5 36.7#
84 112.1 66.0 99.0#



#33
1,2-Dichloroethane-d4
Concen: 50.553 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN083198.D
Acq: 10 Aug 2024 11:10

Tgt Ion: 65 Resp: 118771
Ion Ratio Lower Upper
65 100
67 50.4 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083198.D

Acq: 10 Aug 2024 11:10

Instrument :

MSVOA_N

ClientSampleId :

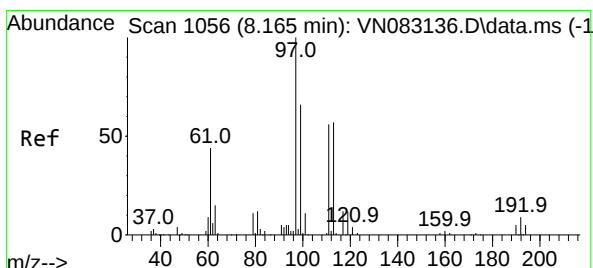
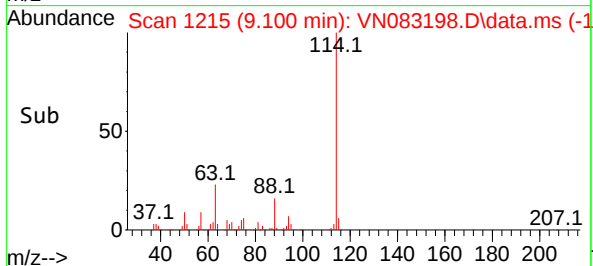
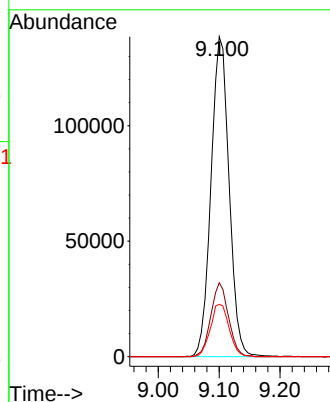
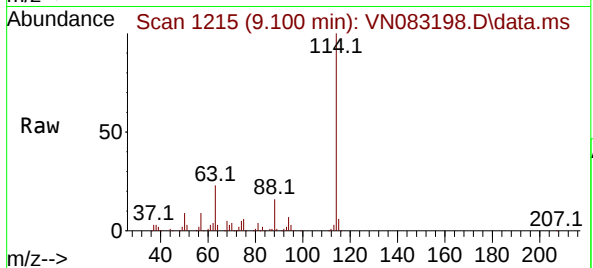
Tgt Ion:114 Resp: 285460

Ion Ratio Lower Upper

114 100

63 23.1 0.0 44.6

88 16.4 0.0 31.4



#35

Dibromofluoromethane

Concen: 47.170 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN083198.D

Acq: 10 Aug 2024 11:10

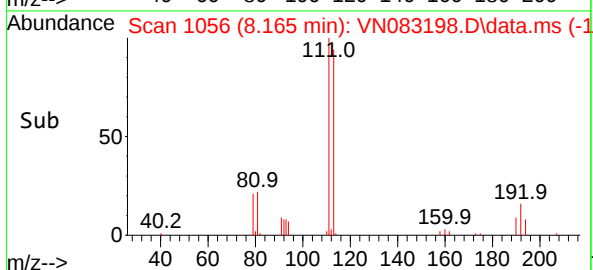
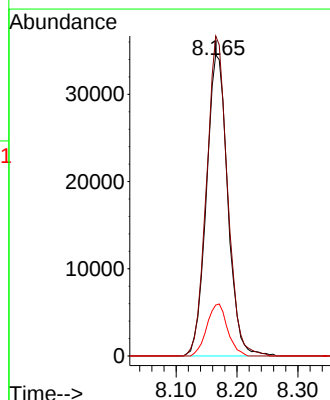
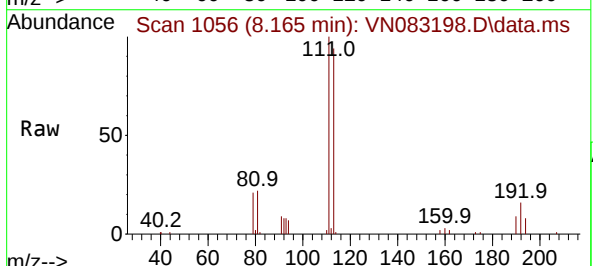
Tgt Ion:113 Resp: 84047

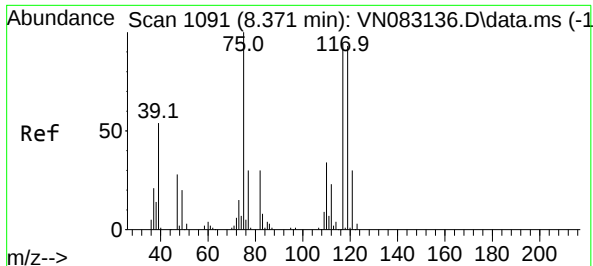
Ion Ratio Lower Upper

113 100

111 104.1 82.4 123.6

192 16.7 14.9 22.3





#36

1,1-Dichloropropene

Concen: 5.543 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN083198.D

Acq: 10 Aug 2024 11:10

Instrument :

MSVOA_N

ClientSampleId :

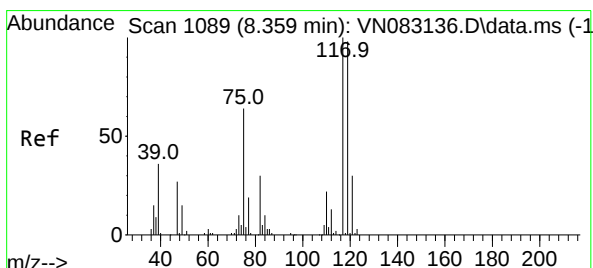
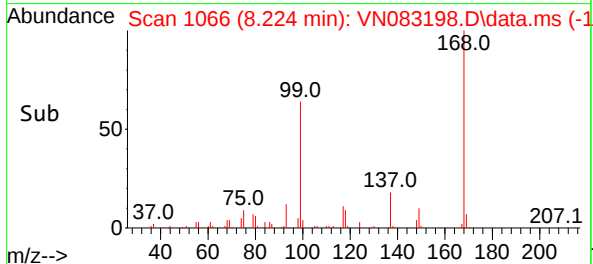
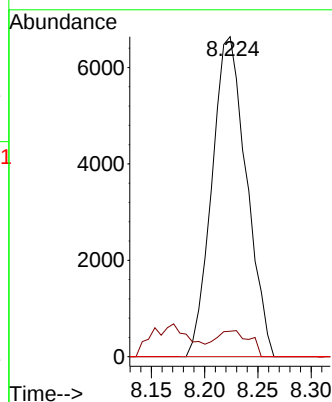
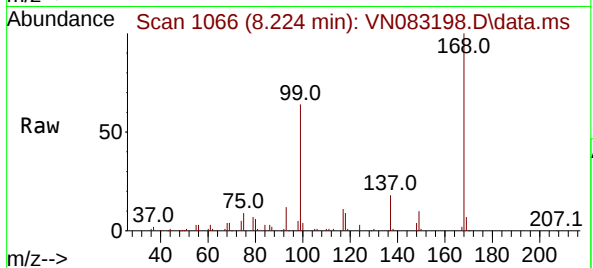
Tgt Ion: 75 Resp: 14941

Ion Ratio Lower Upper

75 100

110 8.1 16.3 48.9#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 6.046 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

Lab File: VN083198.D

Acq: 10 Aug 2024 11:10

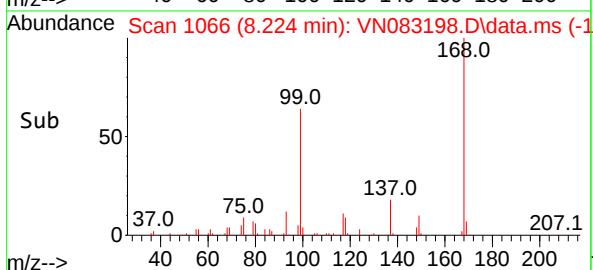
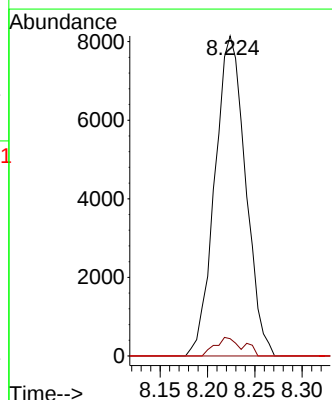
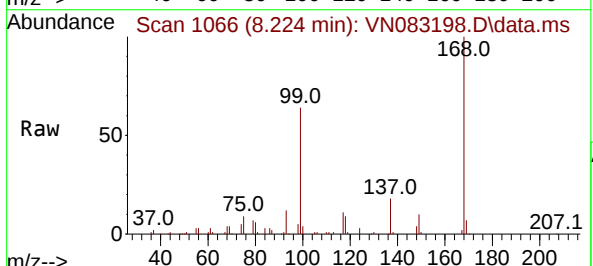
Tgt Ion: 117 Resp: 18355

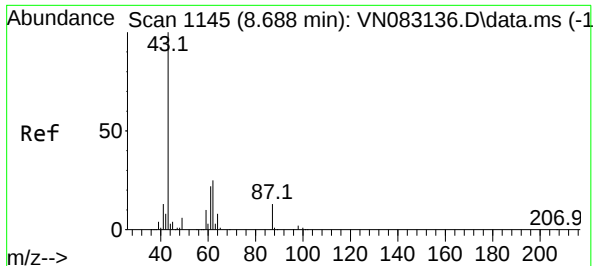
Ion Ratio Lower Upper

117 100

119 5.4 74.9 112.3#

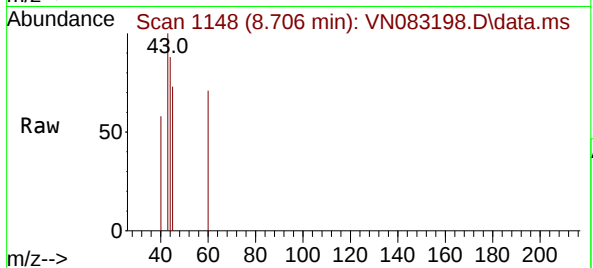
121 0.0 24.3 36.5#



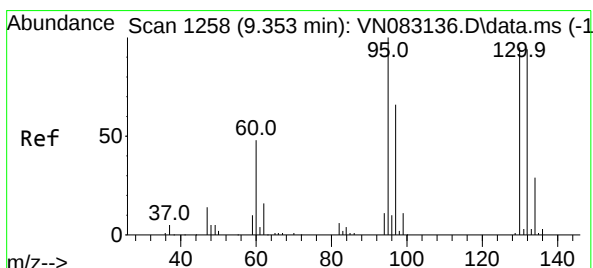
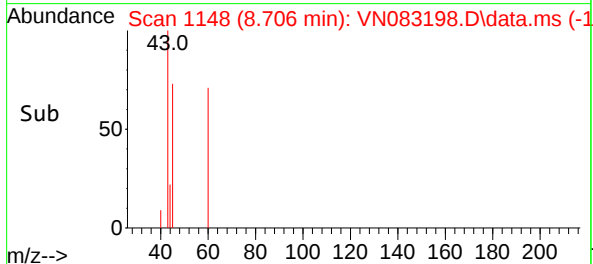
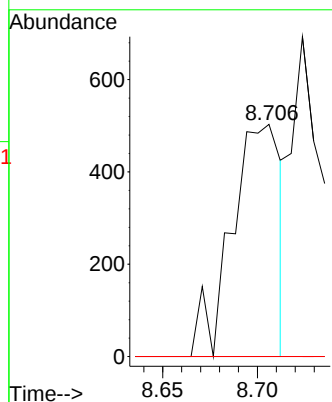


#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.706 min Scan# 1145
Delta R.T. 0.018 min
Lab File: VN083198.D
Acq: 10 Aug 2024 11:10

Instrument :
MSVOA_N
ClientSampleId :

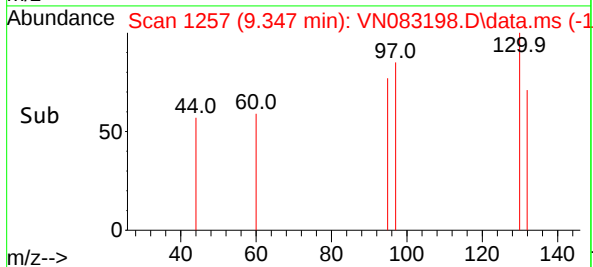
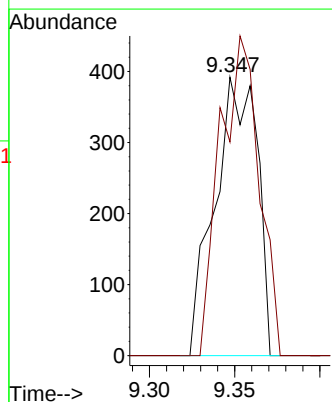
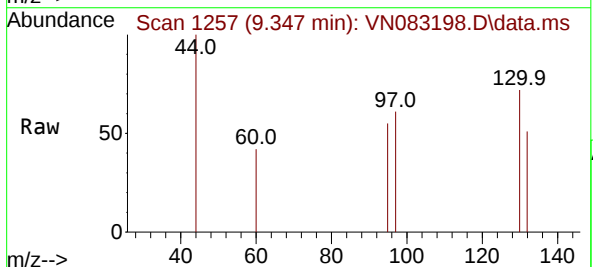


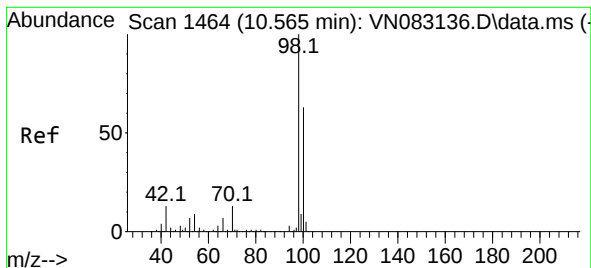
Tgt Ion: 43 Resp: 912
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#



#44
Trichloroethene
Concen: 0.358 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.006 min
Lab File: VN083198.D
Acq: 10 Aug 2024 11:10

Tgt Ion: 130 Resp: 684
Ion Ratio Lower Upper
130 100
95 76.8 0.0 197.8





#50

Toluene-d8

Concen: 45.574 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN083198.D

Acq: 10 Aug 2024 11:10

Instrument :

MSVOA_N

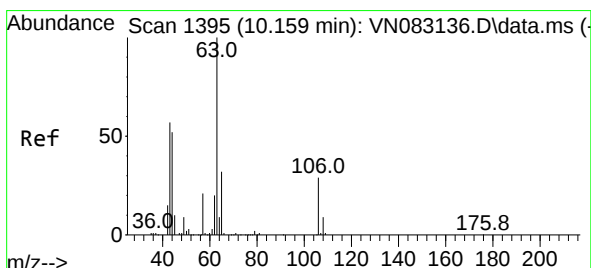
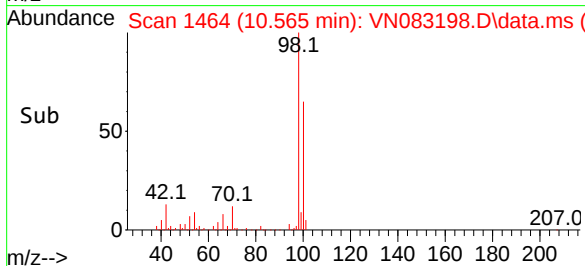
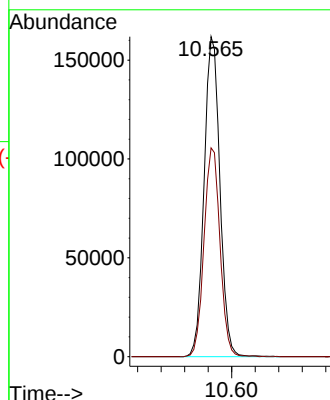
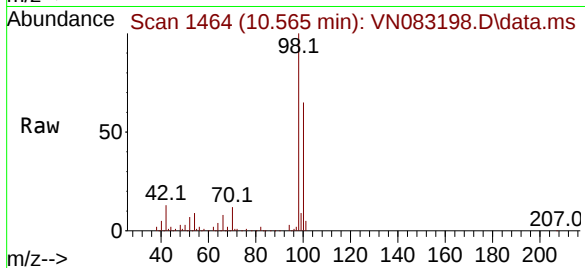
ClientSampleId :

Tgt Ion: 98 Resp: 302903

Ion Ratio Lower Upper

98 100

100 65.9 51.5 77.3



#58

2-Chloroethyl Vinyl ether

Concen: 1.161 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.006 min

Lab File: VN083198.D

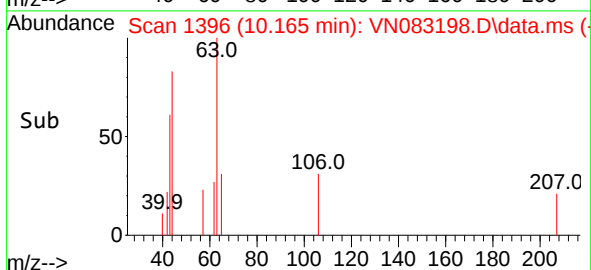
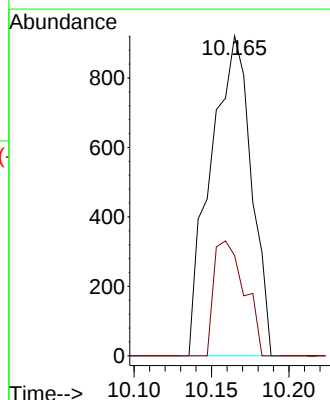
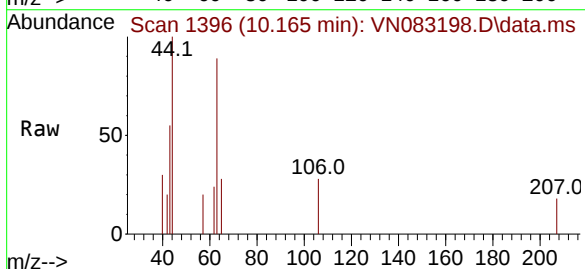
Acq: 10 Aug 2024 11:10

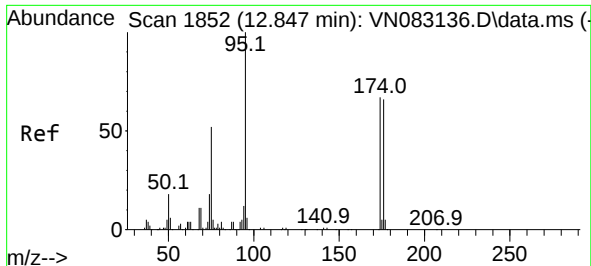
Tgt Ion: 63 Resp: 1682

Ion Ratio Lower Upper

63 100

106 27.0 21.4 32.0

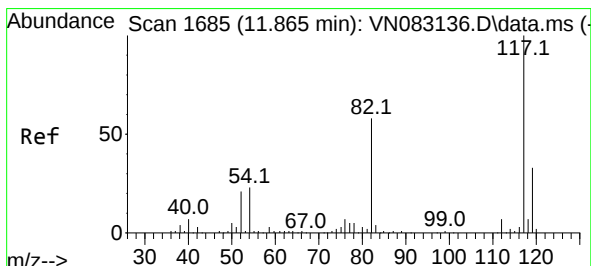
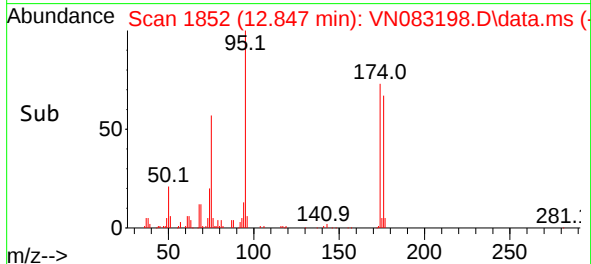
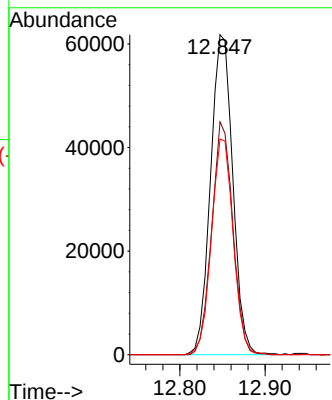
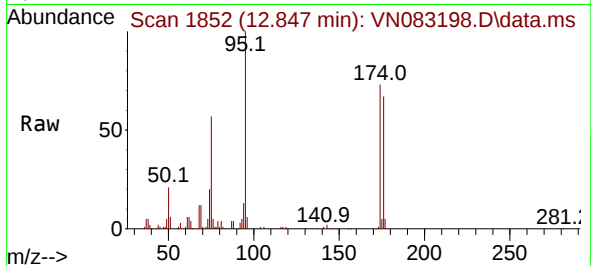




#62
4-Bromofluorobenzene
Concen: 43.140 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083198.D
Acq: 10 Aug 2024 11:10

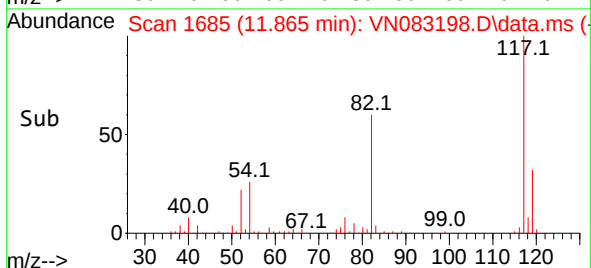
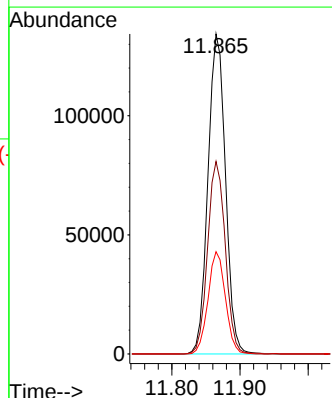
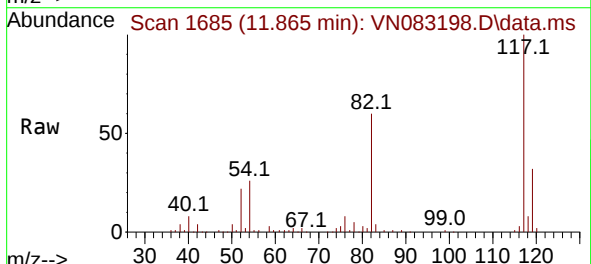
Instrument :
MSVOA_N
ClientSampleId :

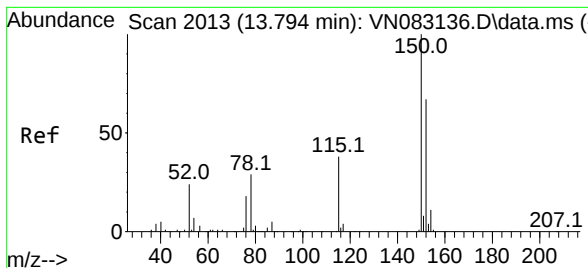
Tgt Ion: 95 Resp: 111783
Ion Ratio Lower Upper
95 100
174 69.1 0.0 159.2
176 66.0 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083198.D
Acq: 10 Aug 2024 11:10

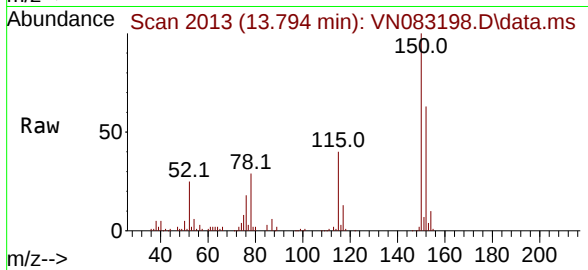
Tgt Ion: 117 Resp: 240025
Ion Ratio Lower Upper
117 100
82 60.1 47.5 71.3
119 32.0 25.6 38.4



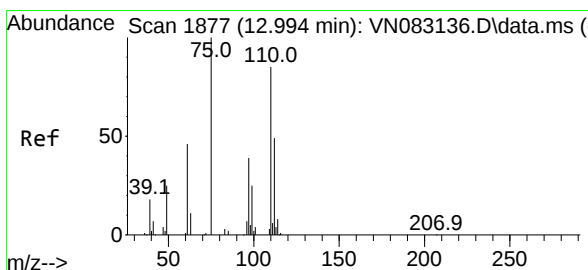
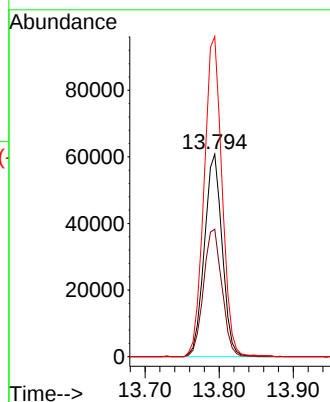
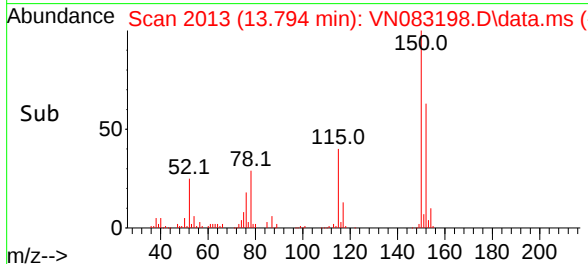


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN083198.D
Acq: 10 Aug 2024 11:10

Instrument :
MSVOA_N
ClientSampleId :

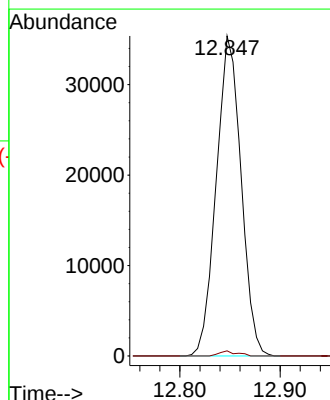
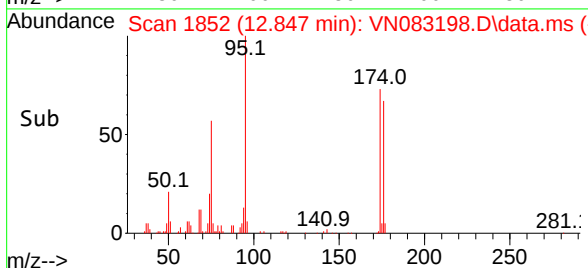
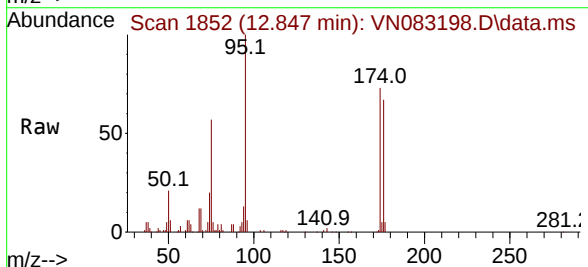


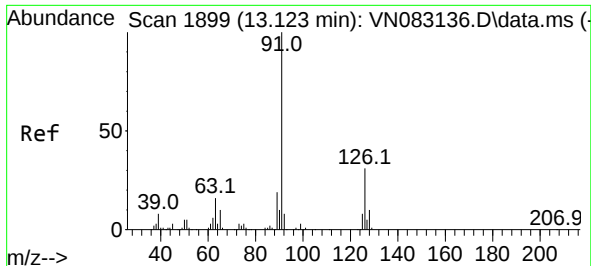
Tgt Ion:152 Resp: 101495
Ion Ratio Lower Upper
152 100
115 65.0 30.6 91.6
150 159.2 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 27.255 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083198.D
Acq: 10 Aug 2024 11:10

Tgt Ion: 75 Resp: 60713
Ion Ratio Lower Upper
75 100
77 1.1 110.9 332.6#

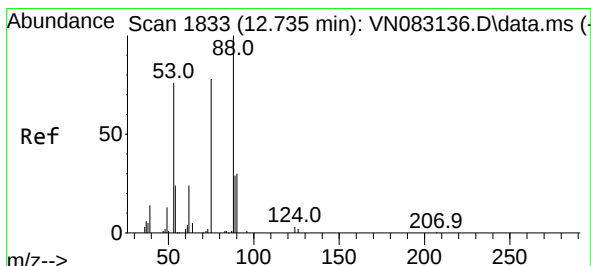
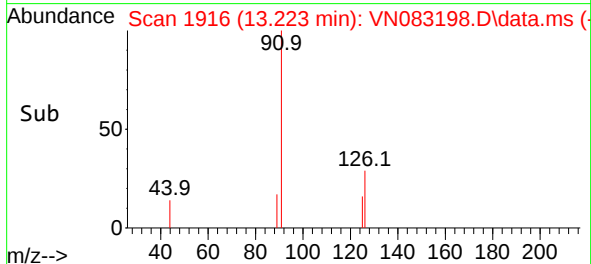
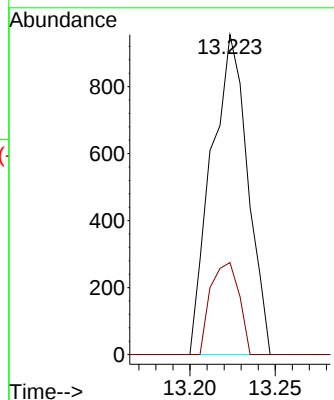
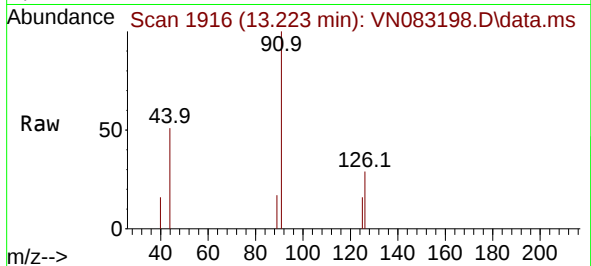




#79
2-Chlorotoluene
Concen: 0.229 ug/l
RT: 13.223 min Scan# 1899
Delta R.T. 0.100 min
Lab File: VN083198.D
Acq: 10 Aug 2024 11:10

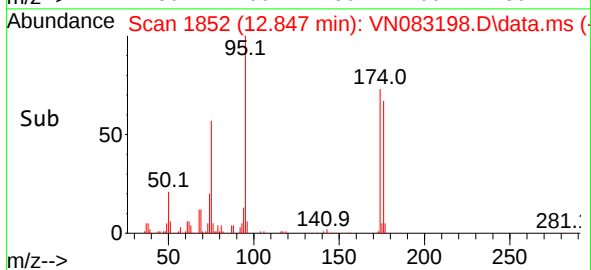
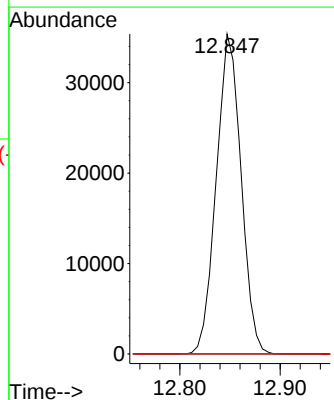
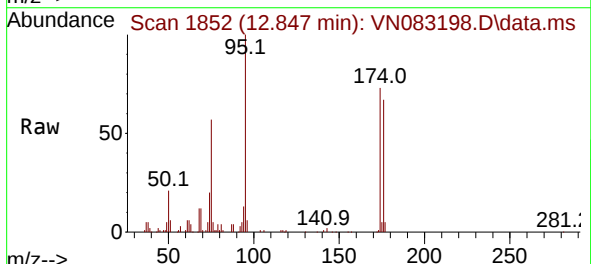
Instrument :
MSVOA_N
ClientSampleId :

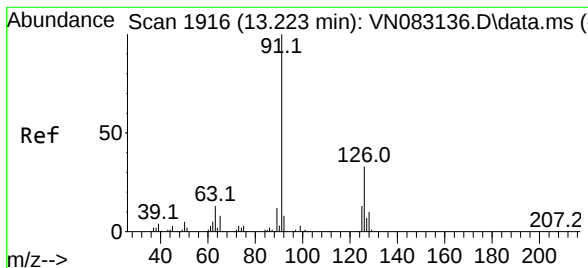
Tgt Ion: 91 Resp: 1418
Ion Ratio Lower Upper
91 100
126 22.5 16.2 48.6



#81
trans-1,4-Dichloro-2-butene
Concen: 59.287 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN083198.D
Acq: 10 Aug 2024 11:10

Tgt Ion: 75 Resp: 60713
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#

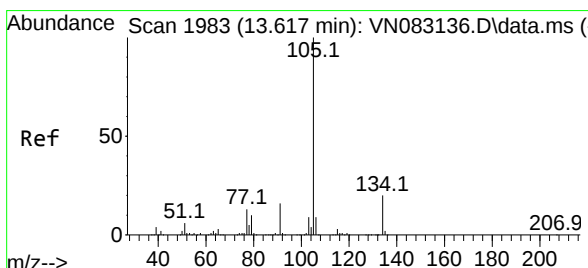
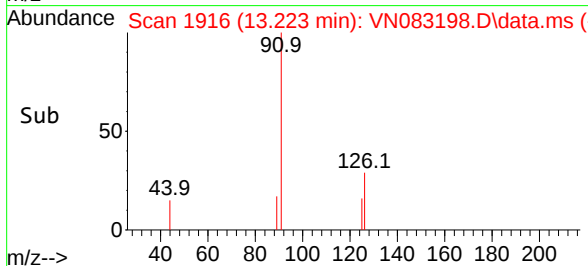
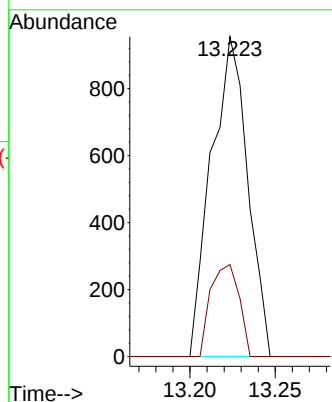
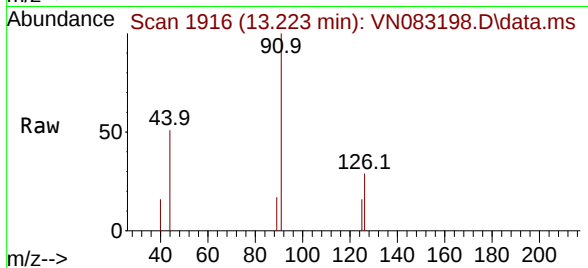




#82
4-Chlorotoluene
Concen: 0.228 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN083198.D
Acq: 10 Aug 2024 11:10

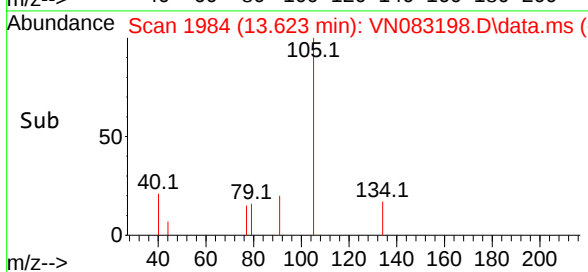
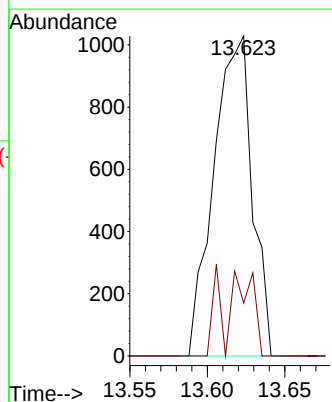
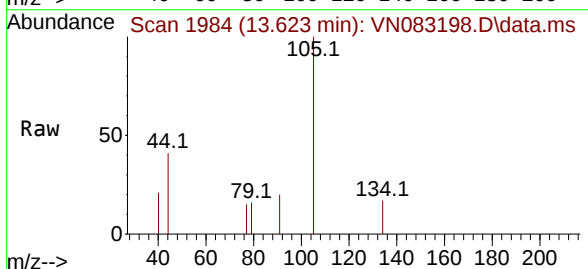
Instrument :
MSVOA_N
ClientSampleId :

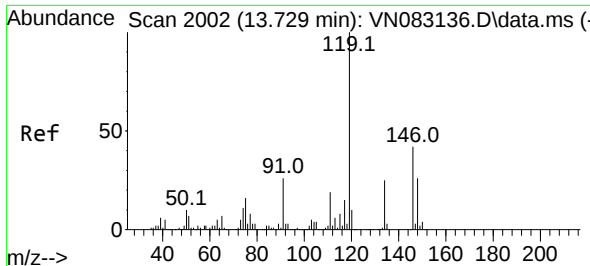
Tgt Ion: 91 Resp: 1418
Ion Ratio Lower Upper
91 100
126 22.5 16.2 48.6



#85
sec-Butylbenzene
Concen: 0.207 ug/l
RT: 13.623 min Scan# 1984
Delta R.T. 0.006 min
Lab File: VN083198.D
Acq: 10 Aug 2024 11:10

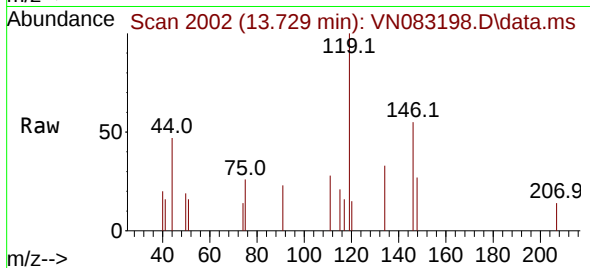
Tgt Ion: 105 Resp: 1774
Ion Ratio Lower Upper
105 100
134 14.1 9.8 29.3



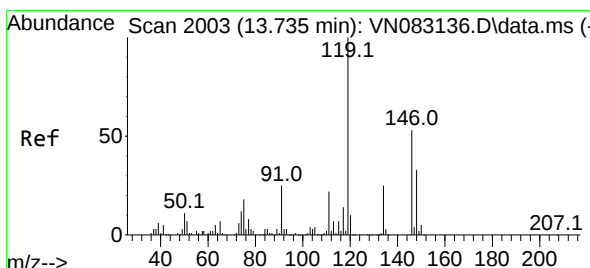
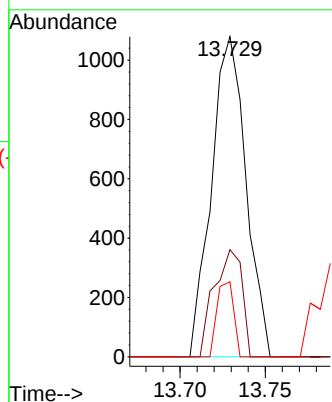
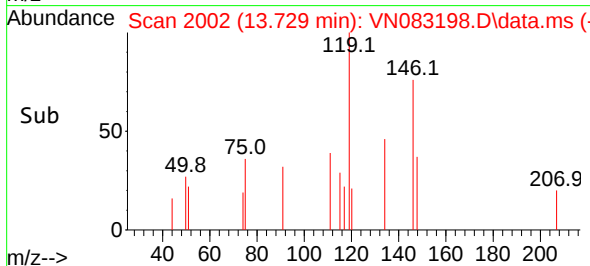


#86
p-Isopropyltoluene
Concen: 0.215 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN083198.D
Acq: 10 Aug 2024 11:10

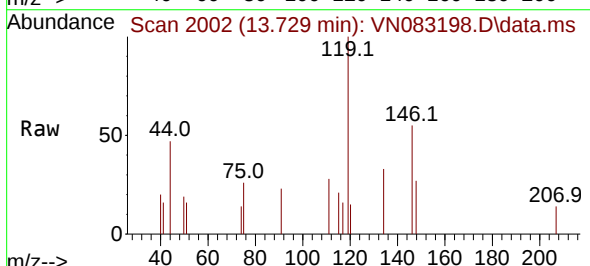
Instrument :
MSVOA_N
ClientSampleId :



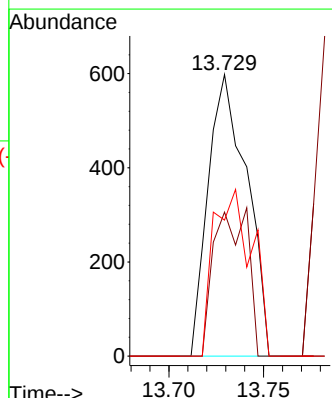
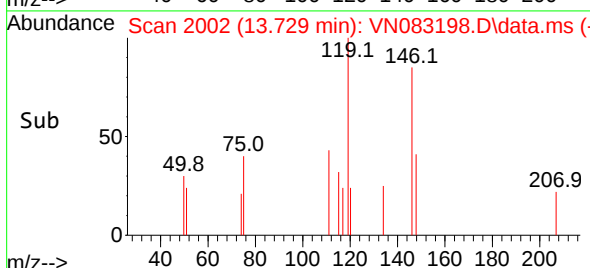
Tgt Ion:119 Resp: 1524
Ion Ratio Lower Upper
119 100
134 26.8 13.0 39.0
91 11.4 12.3 36.9#

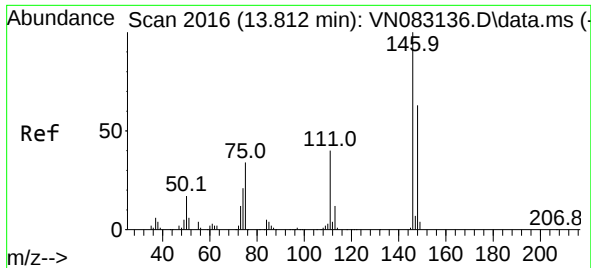


#87
1,3-Dichlorobenzene
Concen: 0.240 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.006 min
Lab File: VN083198.D
Acq: 10 Aug 2024 11:10



Tgt Ion:146 Resp: 851
Ion Ratio Lower Upper
146 100
111 45.6 20.6 61.9
148 58.3 31.8 95.3

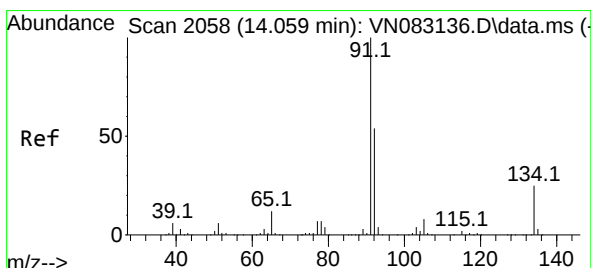
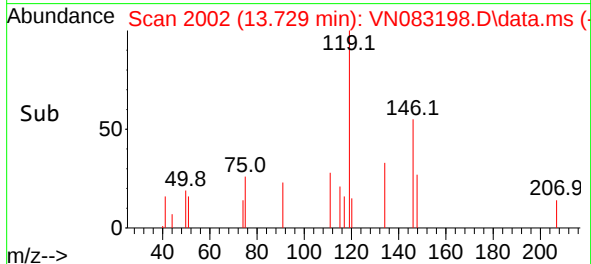
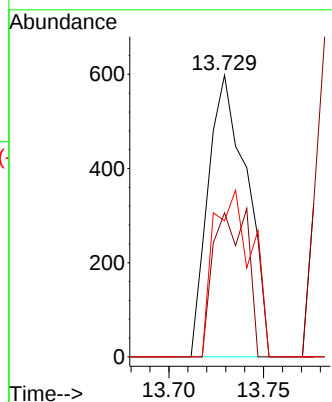
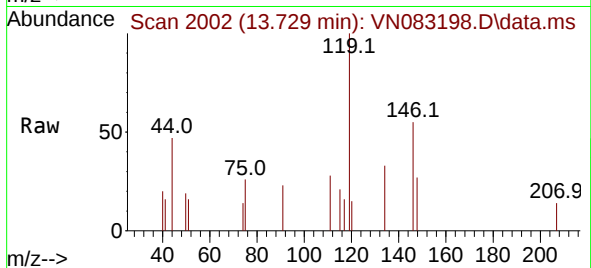




#88
1,4-Dichlorobenzene
Concen: 0.238 ug/l
RT: 13.729 min Scan# 2016
Delta R.T. -0.082 min
Lab File: VN083198.D
Acq: 10 Aug 2024 11:10

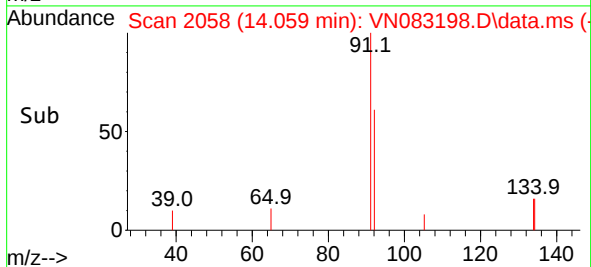
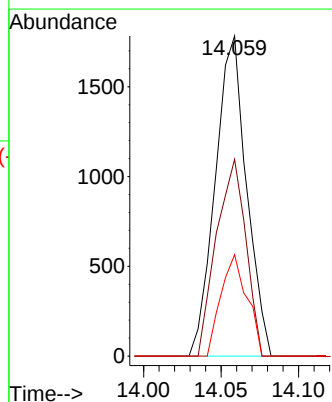
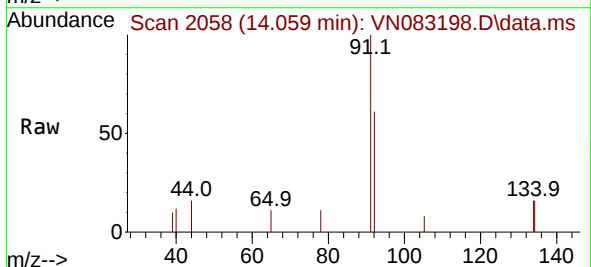
Instrument :
MSVOA_N
ClientSampleId :

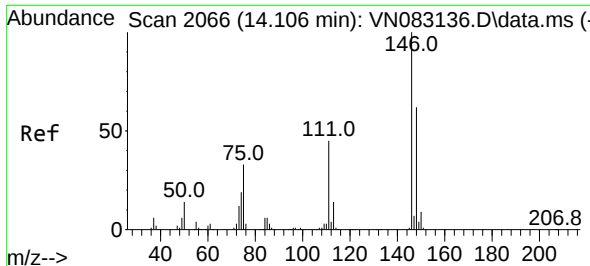
Tgt Ion:146 Resp: 851
Ion Ratio Lower Upper
146 100
111 45.6 20.1 60.3
148 58.3 32.2 96.6



#89
n-Butylbenzene
Concen: 0.407 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN083198.D
Acq: 10 Aug 2024 11:10

Tgt Ion: 91 Resp: 2499
Ion Ratio Lower Upper
91 100
92 57.8 26.1 78.3
134 26.5 12.1 36.3





#91

1,2-Dichlorobenzene

Concen: 0.220 ug/l

RT: 14.112 min Scan# 2066

Delta R.T. 0.006 min

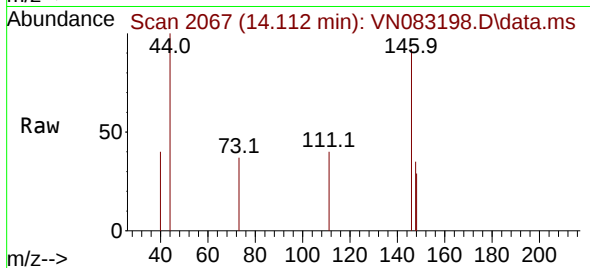
Lab File: VN083198.D

Acq: 10 Aug 2024 11:10

Instrument :

MSVOA_N

ClientSampleId :



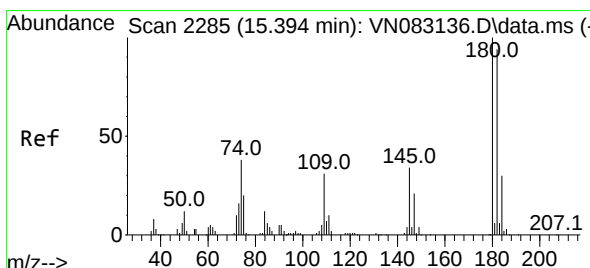
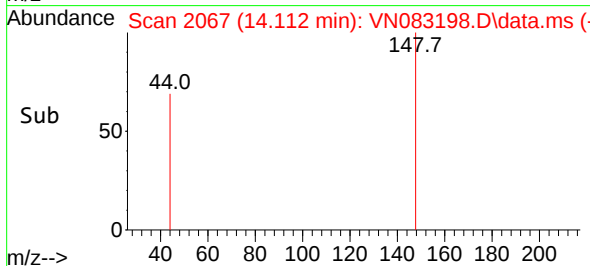
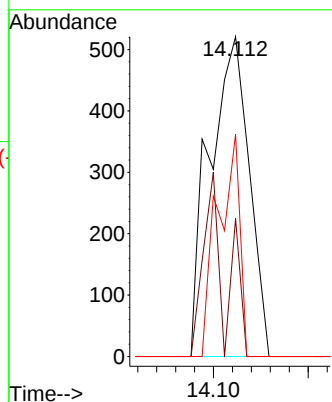
Tgt Ion:146 Resp: 757

Ion Ratio Lower Upper

146 100

111 31.7 21.4 64.2

148 38.6 32.1 96.5



#93

1,2,4-Trichlorobenzene

Concen: 0.891 ug/l

RT: 15.394 min Scan# 2285

Delta R.T. 0.000 min

Lab File: VN083198.D

Acq: 10 Aug 2024 11:10

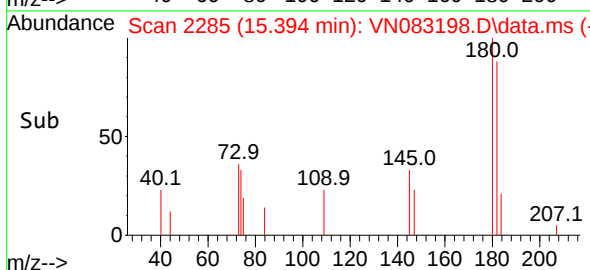
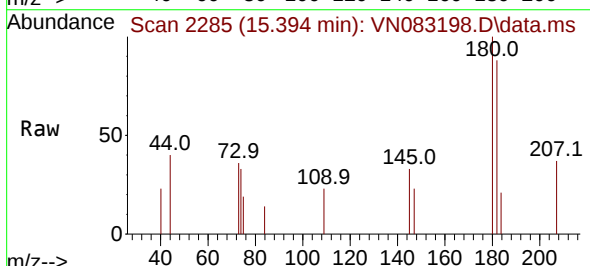
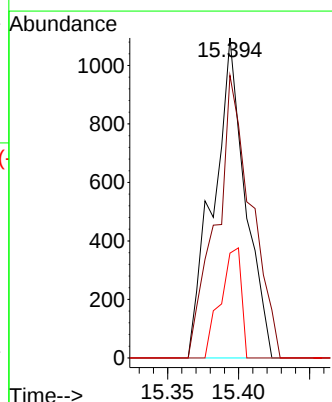
Tgt Ion:180 Resp: 1715

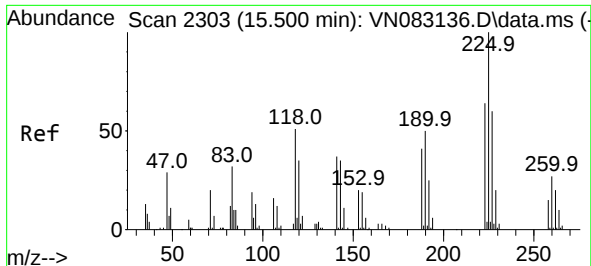
Ion Ratio Lower Upper

180 100

182 96.3 47.3 141.8

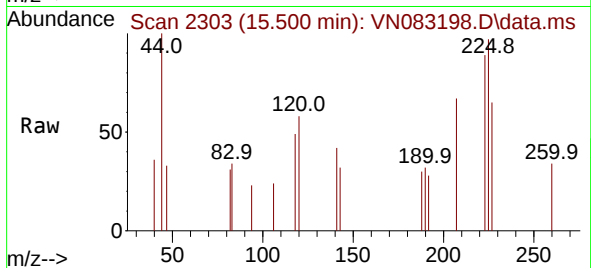
145 22.2 15.7 47.1



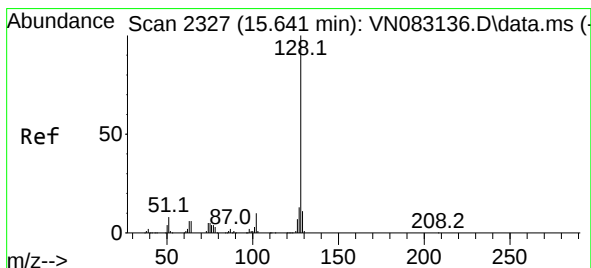
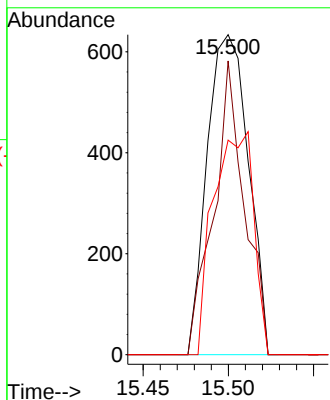
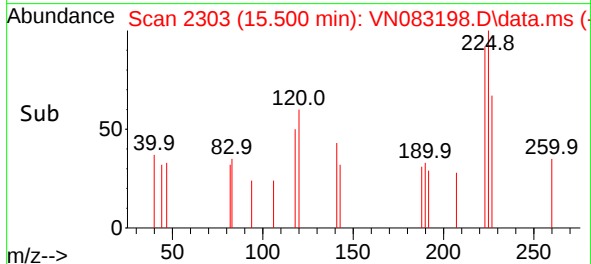


#94
Hexachlorobutadiene
Concen: 1.248 ug/l
RT: 15.500 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN083198.D
Acq: 10 Aug 2024 11:10

Instrument :
MSVOA_N
ClientSampleId :

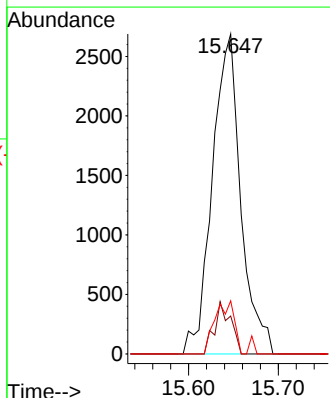
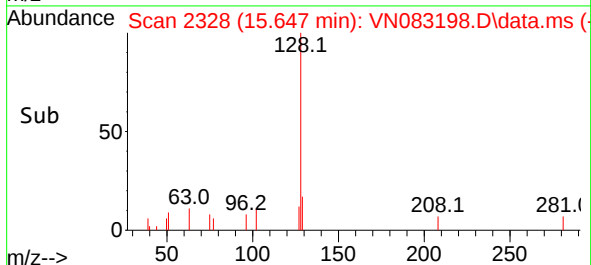
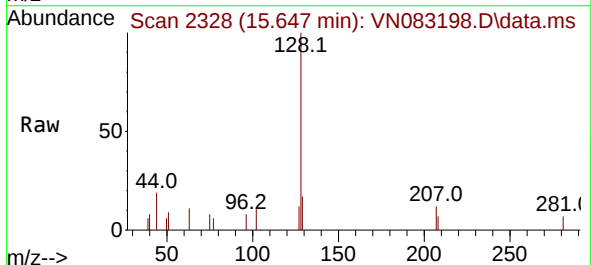


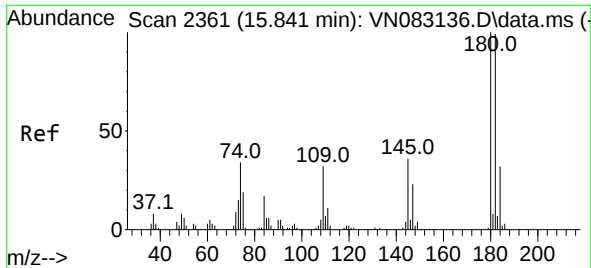
Tgt Ion:225 Resp: 1068
Ion Ratio Lower Upper
225 100
223 68.6 31.9 95.7
227 67.8 32.5 97.5



#95
Naphthalene
Concen: 0.869 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. 0.006 min
Lab File: VN083198.D
Acq: 10 Aug 2024 11:10

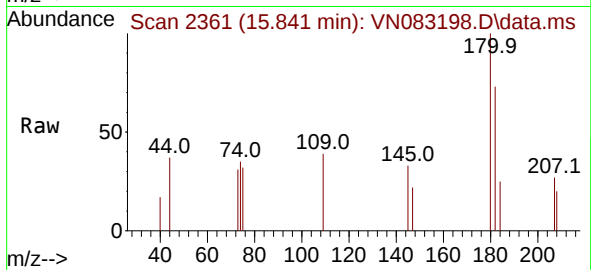
Tgt Ion:128 Resp: 5924
Ion Ratio Lower Upper
128 100
127 9.3 10.6 16.0#
129 11.3 8.6 12.8





#96
 1,2,3-Trichlorobenzene
 Concen: 0.972 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN083198.D
 Acq: 10 Aug 2024 11:10

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	1850
Ion	Ratio	Lower	Upper
180	100		
182	100.6	48.9	146.8
145	23.0	16.8	50.4

