

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN12222\
 Data File : VN075937.D
 Acq On : 22 Dec 2022 11:53
 Operator : JC\MD
 Sample : VN1222WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1222WBL01

Quant Time: Dec 23 03:58:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

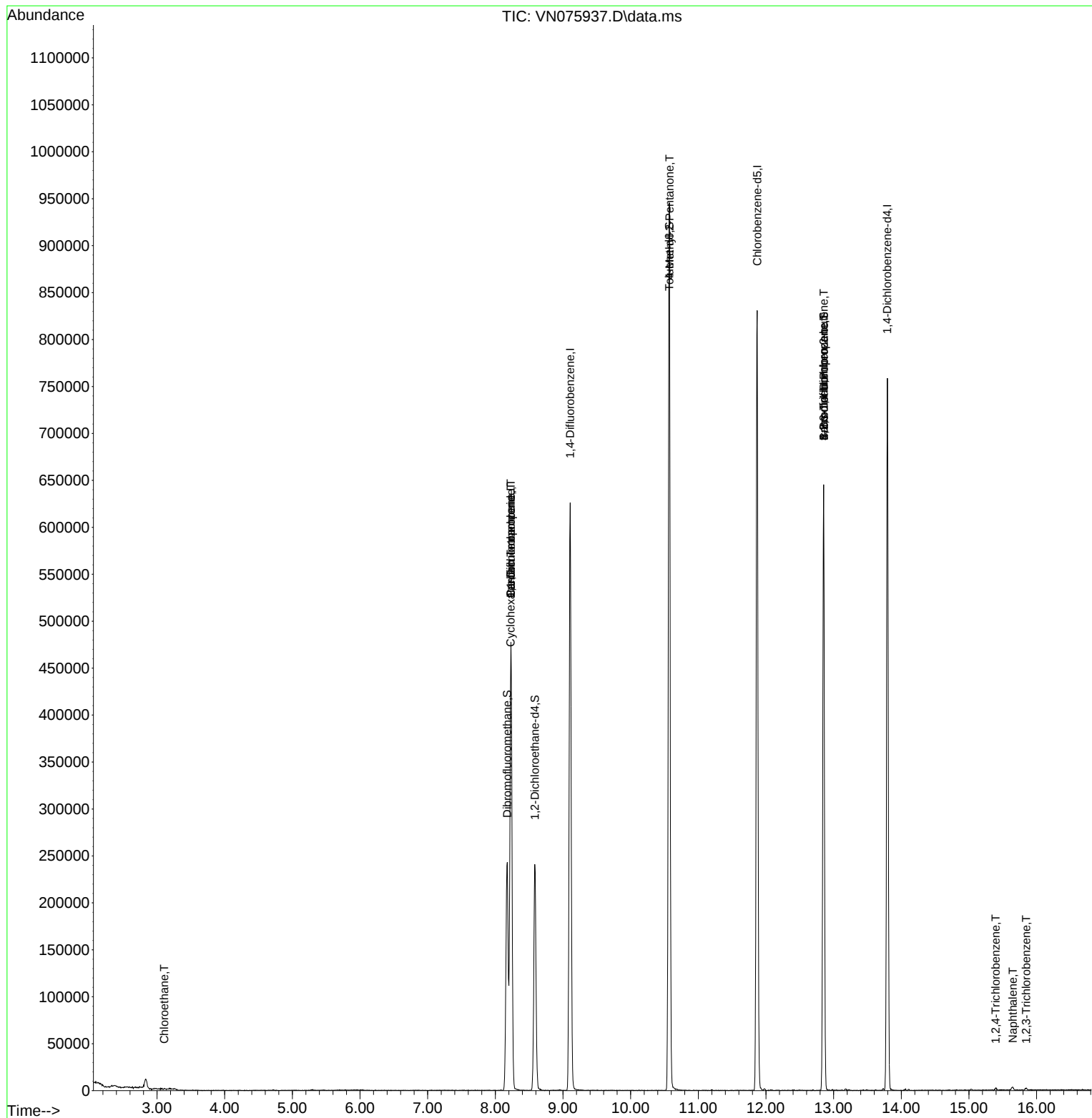
Internal Standards						
1) Pentafluorobenzene	8.230	168	367941	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	583414	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	511636	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	215116	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	190509	47.593	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.180%		
35) Dibromofluoromethane	8.177	113	173920	48.137	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.280%		
50) Toluene-d8	10.571	98	672015	49.747	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.500%		
62) 4-Bromofluorobenzene	12.853	95	213657	47.753	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.500%		
Target Compounds						
					Qvalue	
6) Chloroethane	3.107	64	764	0.266	ug/l #	44
20) Methylene Chloride	5.289	84	504	Below Cal	#	42
31) Cyclohexane	8.224	56	6932	1.209	ug/l #	20
36) 1,1-Dichloropropene	8.230	75	25991	5.415	ug/l #	49
38) Carbon Tetrachloride	8.230	117	37212	6.927	ug/l #	16
51) 4-Methyl-2-Pentanone	10.577	43	2345	0.610	ug/l #	1
71) Bromoform	12.853	173	1807	0.638	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	107966	24.899	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	107966	89.623	ug/l #	12
93) 1,2,4-Trichlorobenzene	15.394	180	1231	0.347	ug/l #	79
95) Naphthalene	15.647	128	4354	2.533	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.847	180	1075	0.325	ug/l #	81

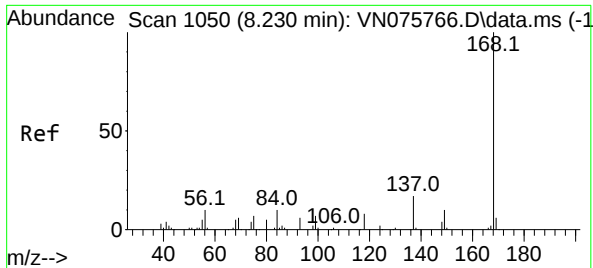
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122222\
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Sample : VN1222WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

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Quant Time: Dec 23 03:58:50 2022
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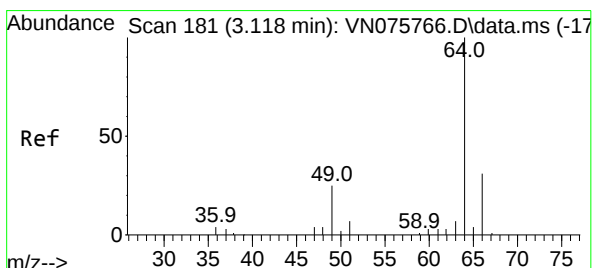
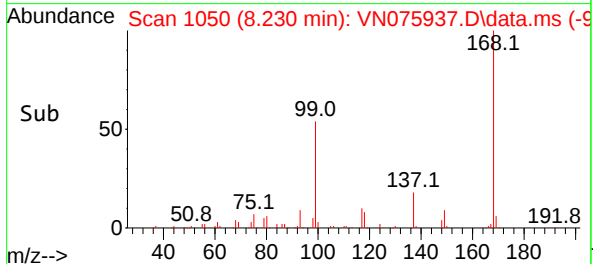
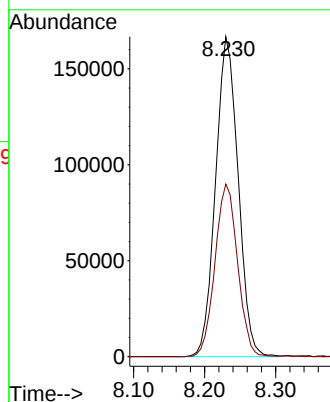
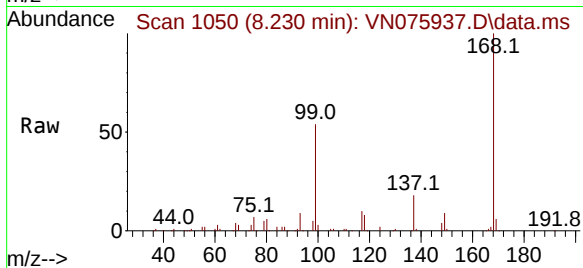




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN075937.D
Acq: 22 Dec 2022 11:53

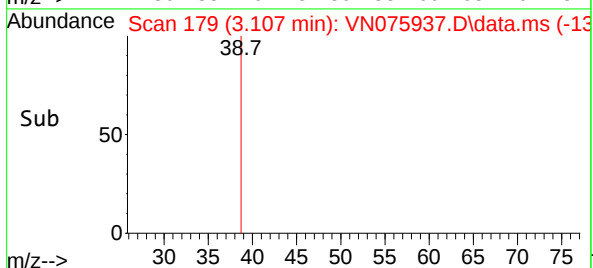
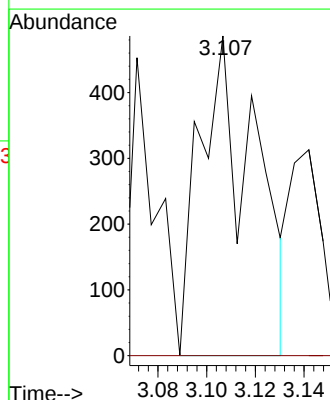
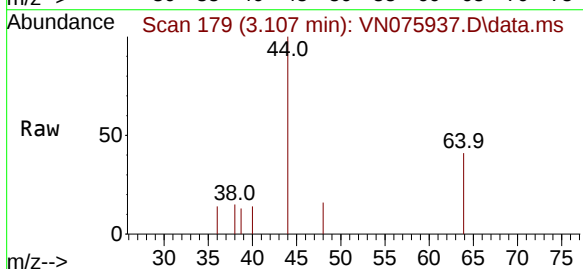
Instrument :
MSVOA_N
ClientSampleId :
VN1222WBL01

Tgt Ion:168 Resp: 367941
Ion Ratio Lower Upper
168 100
99 54.0 44.2 66.4



#6
Chloroethane
Concen: 0.266 ug/l
RT: 3.107 min Scan# 179
Delta R.T. -0.012 min
Lab File: VN075937.D
Acq: 22 Dec 2022 11:53

Tgt Ion: 64 Resp: 764
Ion Ratio Lower Upper
64 100
66 0.0 24.6 36.8#

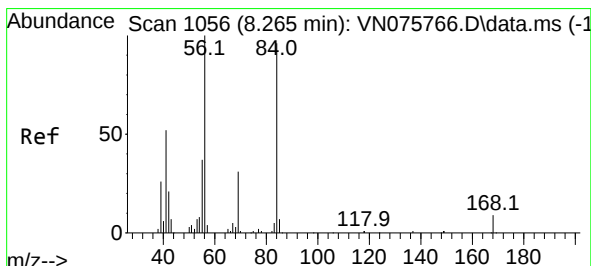
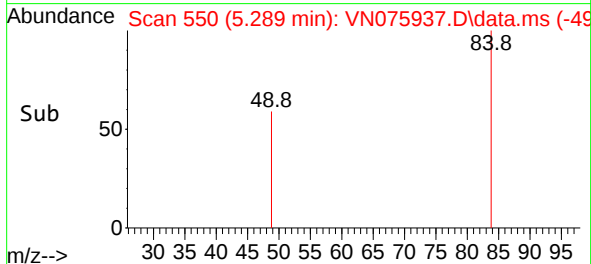
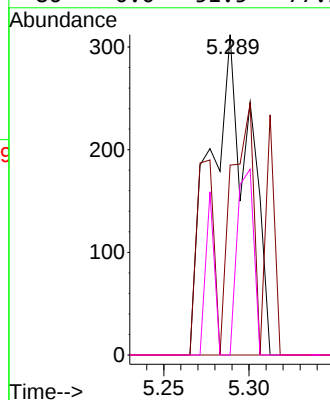
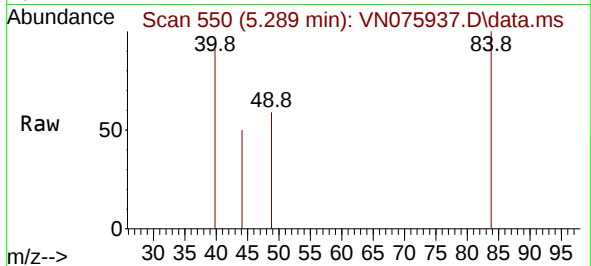




#20
Methylene Chloride
Concen: Below Cal
RT: 5.289 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN075937.D
Acq: 22 Dec 2022 11:53

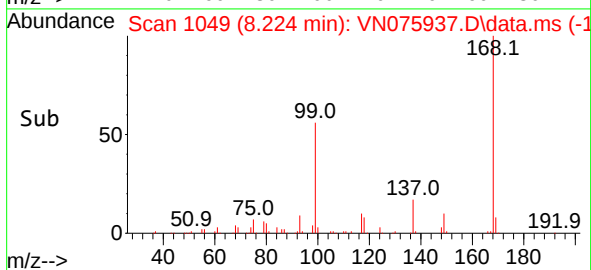
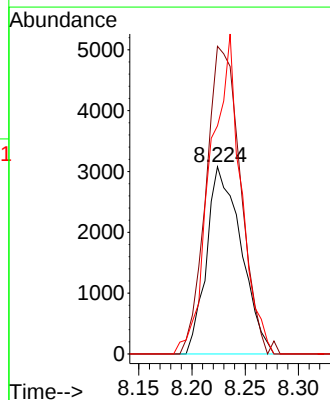
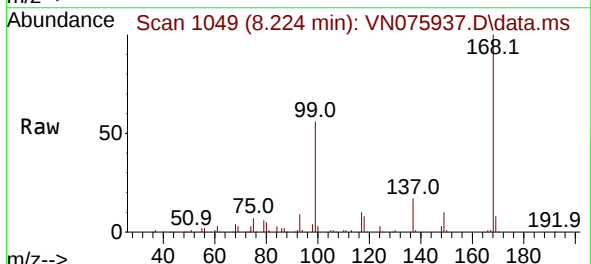
Instrument :
MSVOA_N
ClientSampleId :
VN1222WBL01

Tgt Ion:	84	Resp:	504
Ion	Ratio	Lower	Upper
84	100		
49	59.3	81.8	122.6#
51	0.0	26.7	40.1#
86	0.0	51.5	77.3#



#31
Cyclohexane
Concen: 1.209 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.041 min
Lab File: VN075937.D
Acq: 22 Dec 2022 11:53

Tgt Ion:	56	Resp:	6932
Ion	Ratio	Lower	Upper
56	100		
69	164.3	24.7	37.1#
84	121.9	76.5	114.7#





#33

1,2-Dichloroethane-d4

Concen: 47.593 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN075937.D

Acq: 22 Dec 2022 11:53

Instrument :

MSVOA_N

ClientSampleId :

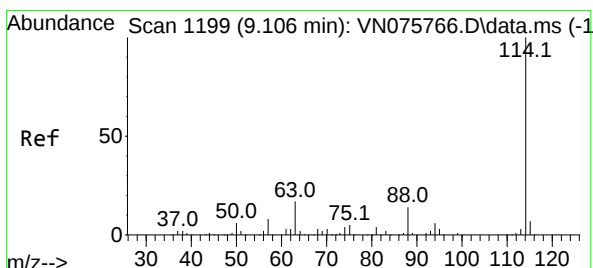
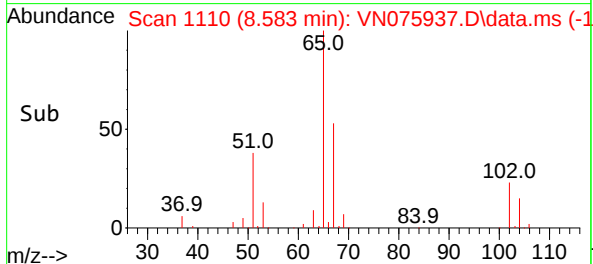
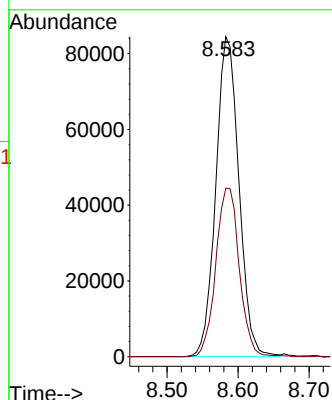
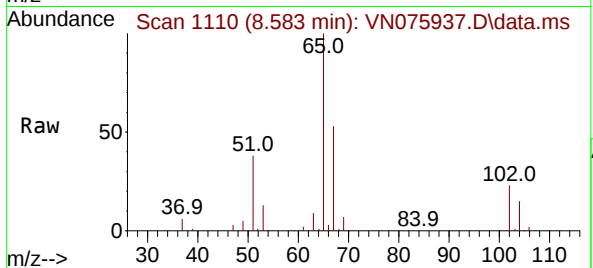
VN1222WBL01

Tgt Ion: 65 Resp: 190509

Ion Ratio Lower Upper

65 100

67 53.6 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075937.D

Acq: 22 Dec 2022 11:53

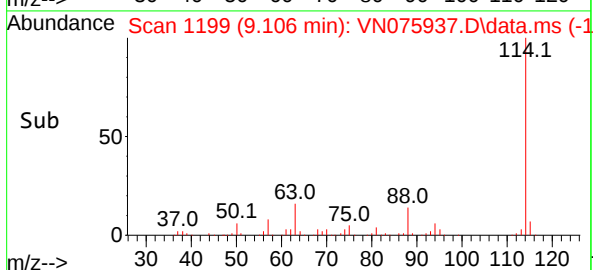
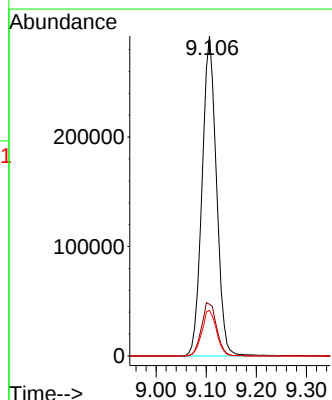
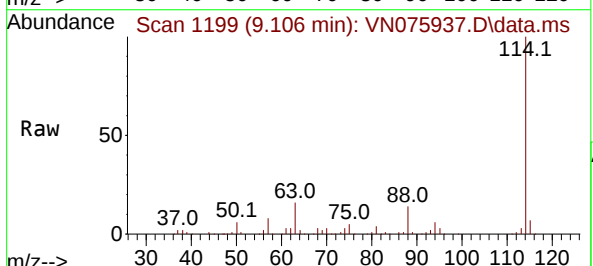
Tgt Ion: 114 Resp: 583414

Ion Ratio Lower Upper

114 100

63 16.1 0.0 34.4

88 14.3 0.0 28.8





#35

Dibromofluoromethane

Concen: 48.137 ug/l

RT: 8.177 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN075937.D

Acq: 22 Dec 2022 11:53

Instrument :

MSVOA_N

ClientSampleId :

VN1222WBL01

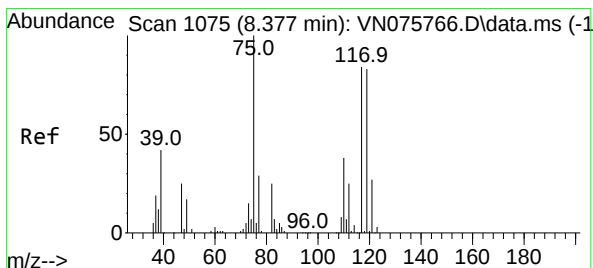
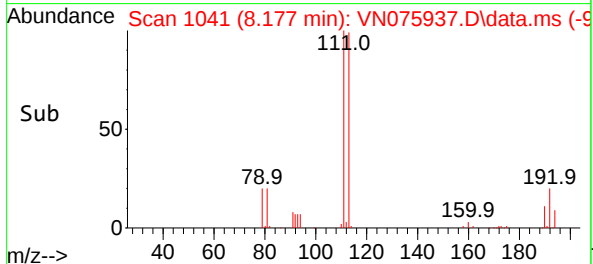
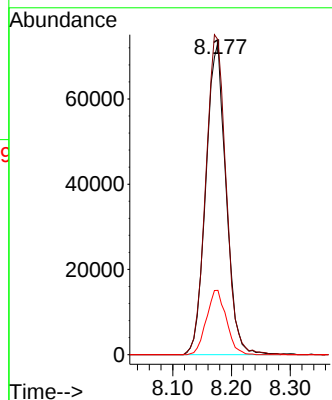
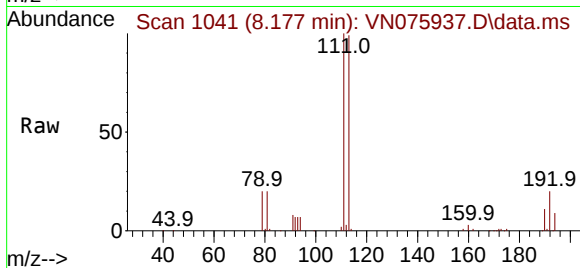
Tgt Ion:113 Resp: 173920

Ion Ratio Lower Upper

113 100

111 103.6 83.4 125.2

192 20.4 16.1 24.1



#36

1,1-Dichloropropene

Concen: 5.415 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.147 min

Lab File: VN075937.D

Acq: 22 Dec 2022 11:53

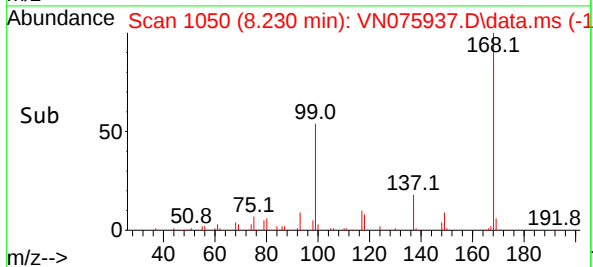
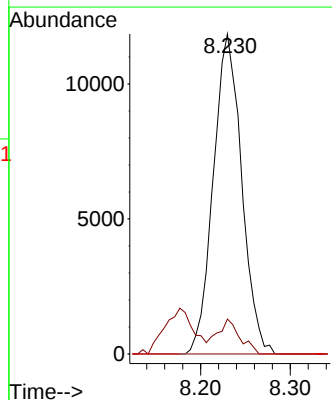
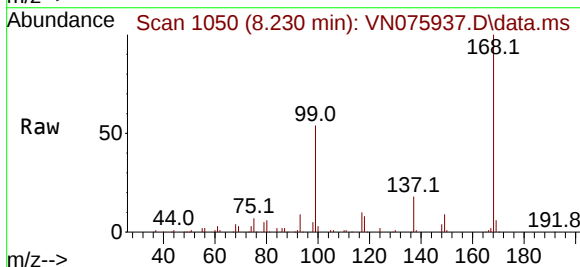
Tgt Ion: 75 Resp: 25991

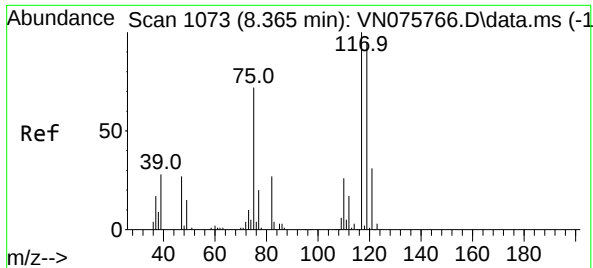
Ion Ratio Lower Upper

75 100

110 8.7 18.8 56.4#

77 0.0 24.1 36.1#

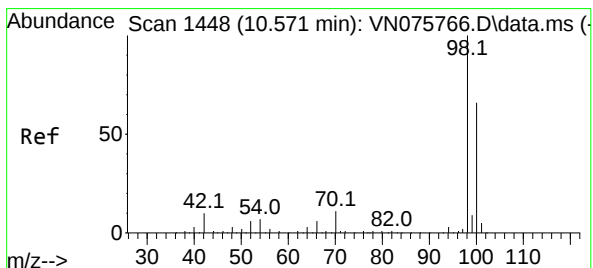
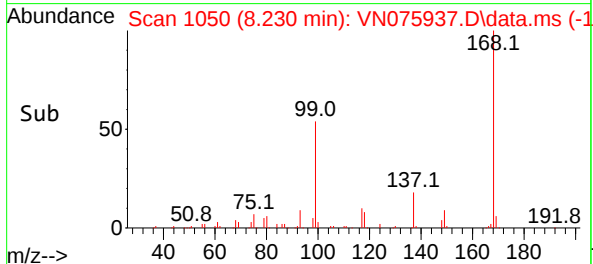
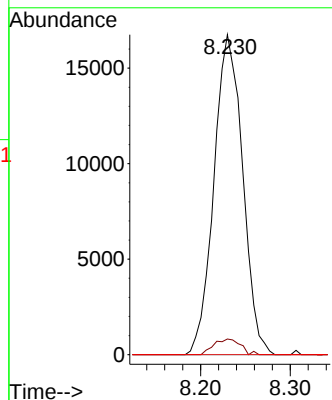
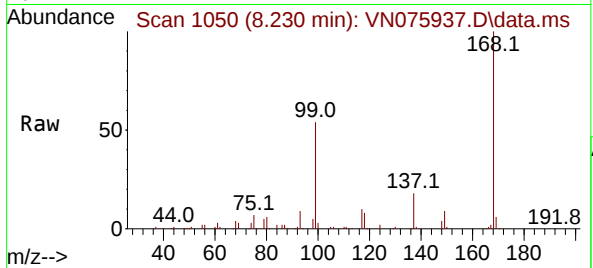




#38
Carbon Tetrachloride
Concen: 6.927 ug/l
RT: 8.230 min Scan# 1073
Delta R.T. -0.135 min
Lab File: VN075937.D
Acq: 22 Dec 2022 11:53

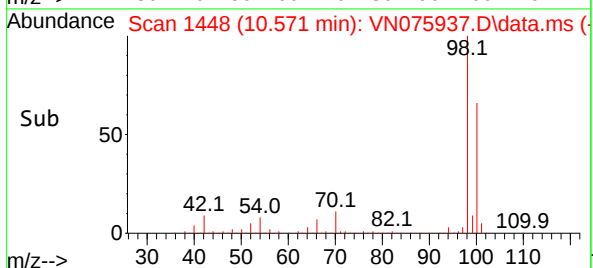
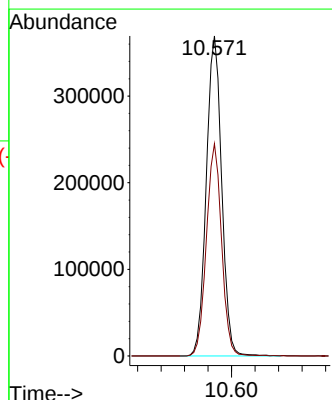
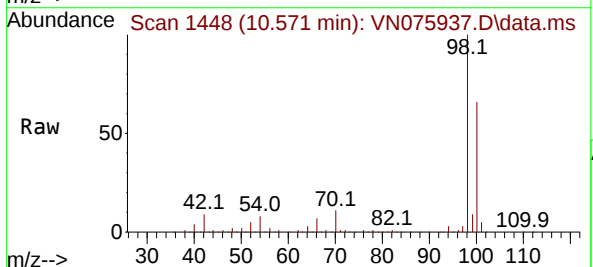
Instrument :
MSVOA_N
ClientSampleId :
VN1222WBL01

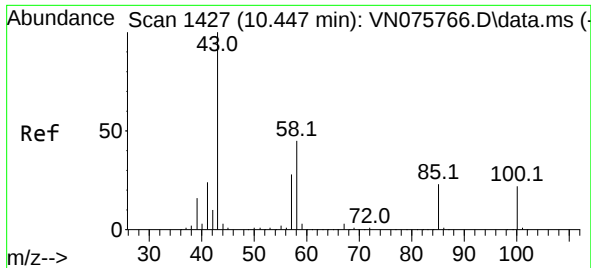
Tgt Ion:117 Resp: 37212
Ion Ratio Lower Upper
117 100
119 4.9 76.1 114.1#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 49.747 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN075937.D
Acq: 22 Dec 2022 11:53

Tgt Ion: 98 Resp: 672015
Ion Ratio Lower Upper
98 100
100 65.5 52.1 78.1

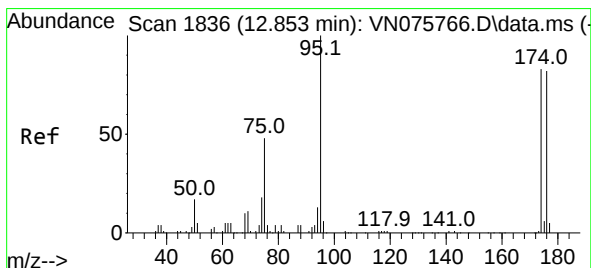
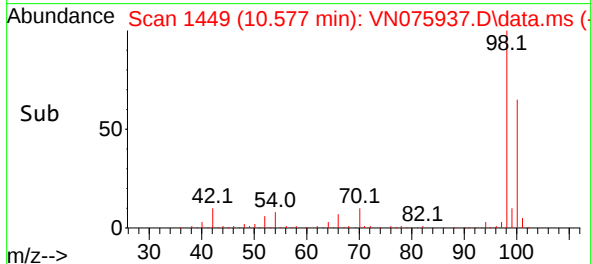
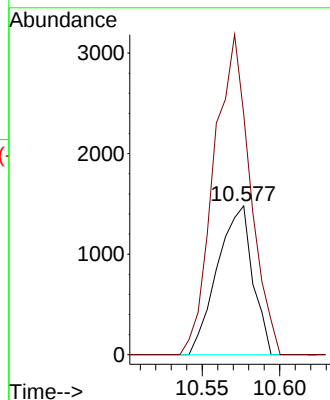
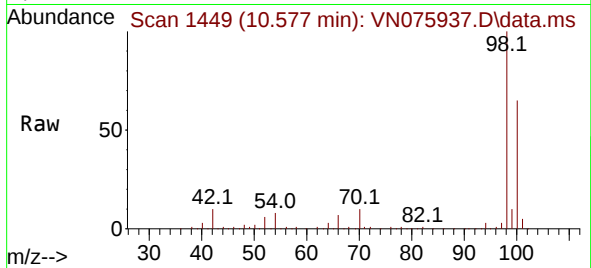




#51
4-Methyl-2-Pentanone
Concen: 0.610 ug/l
RT: 10.577 min Scan# 1427
Delta R.T. 0.130 min
Lab File: VN075937.D
Acq: 22 Dec 2022 11:53

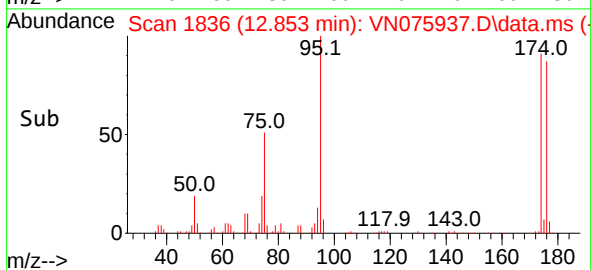
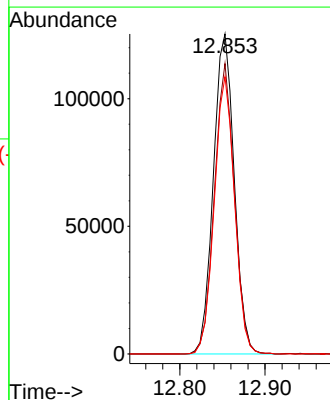
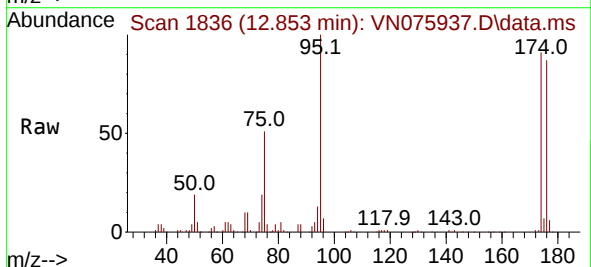
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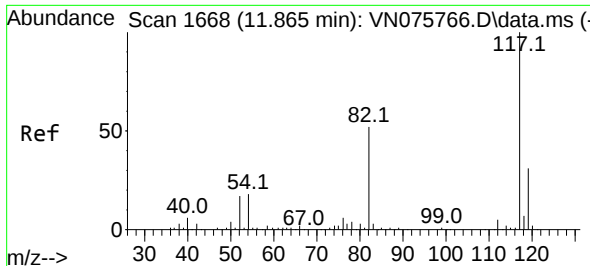
Tgt Ion: 43 Resp: 2345
Ion Ratio Lower Upper
43 100
58 220.8 35.5 53.3#



#62
4-Bromofluorobenzene
Concen: 47.753 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075937.D
Acq: 22 Dec 2022 11:53

Tgt Ion: 95 Resp: 213657
Ion Ratio Lower Upper
95 100
174 87.4 0.0 171.6
176 84.2 0.0 169.2

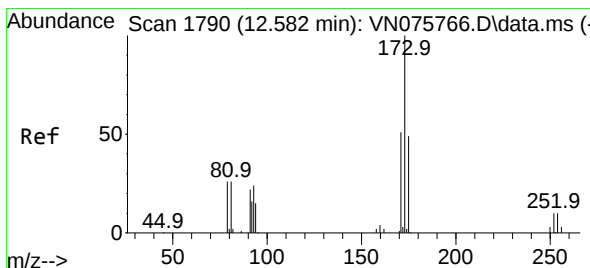
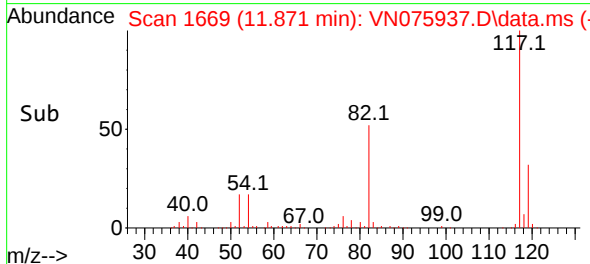
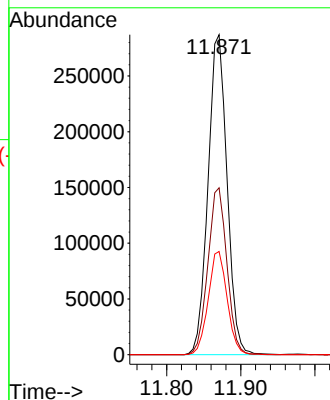
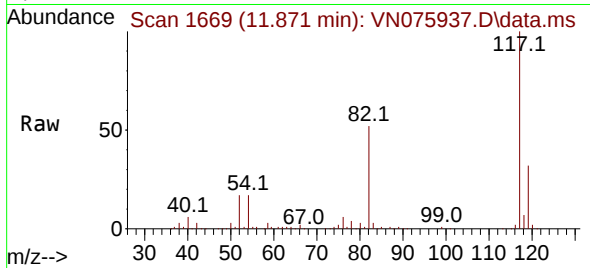




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1171
Delta R.T. 0.006 min
Lab File: VN075937.D
Acq: 22 Dec 2022 11:53

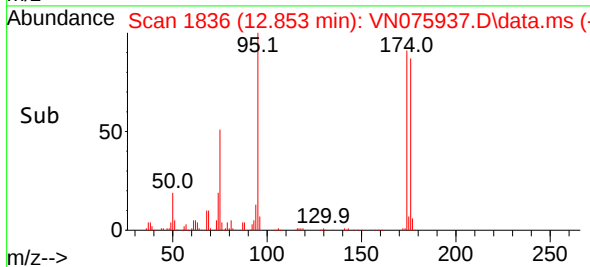
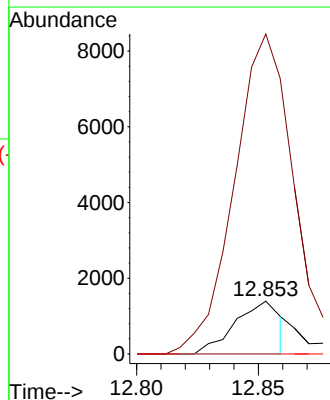
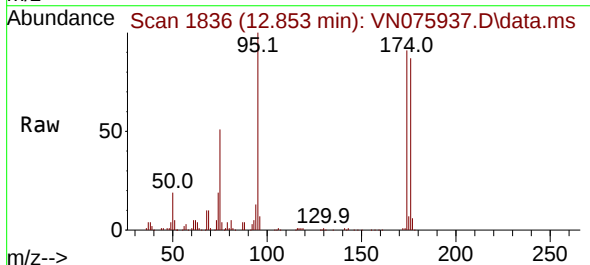
Instrument :
MSVOA_N
ClientSampleId :
VN1222WBL01

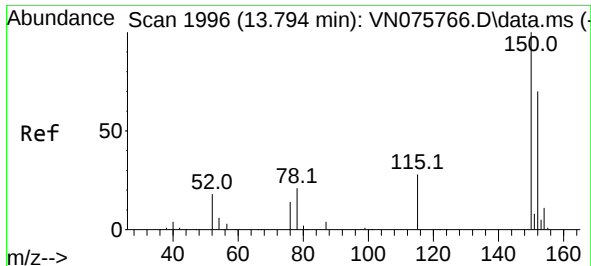
Tgt Ion:117 Resp: 511636
Ion Ratio Lower Upper
117 100
82 52.1 41.3 61.9
119 32.3 24.6 37.0



#71
Bromoform
Concen: 0.638 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.271 min
Lab File: VN075937.D
Acq: 22 Dec 2022 11:53

Tgt Ion:173 Resp: 1807
Ion Ratio Lower Upper
173 100
175 639.5 24.3 72.8#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. 0.000 min

Lab File: VN075937.D

Acq: 22 Dec 2022 11:53

Instrument :

MSVOA_N

ClientSampleId :

VN1222WBL01

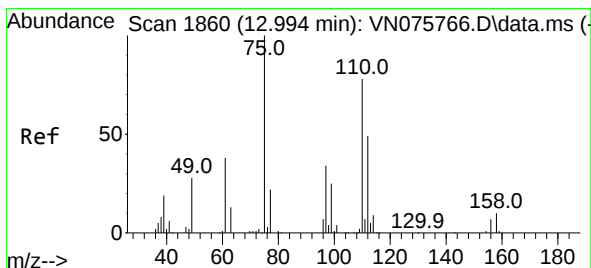
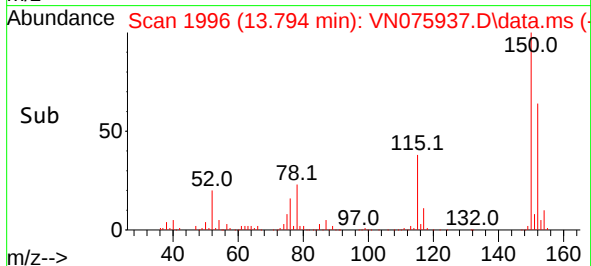
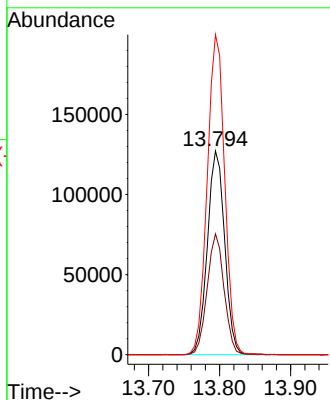
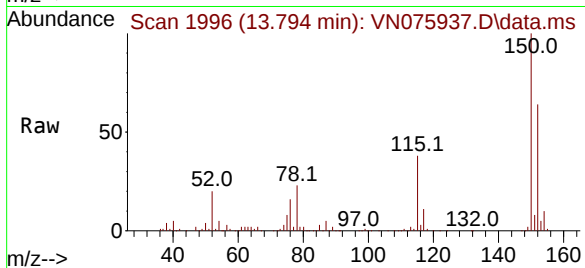
Tgt Ion:152 Resp: 215116

Ion Ratio Lower Upper

152 100

115 58.1 29.1 87.4

150 158.6 0.0 347.0



#76

1,2,3-Trichloropropane

Concen: 24.899 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. -0.141 min

Lab File: VN075937.D

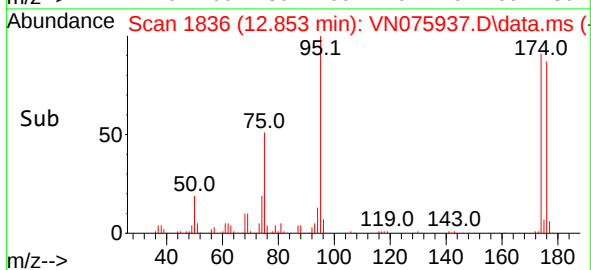
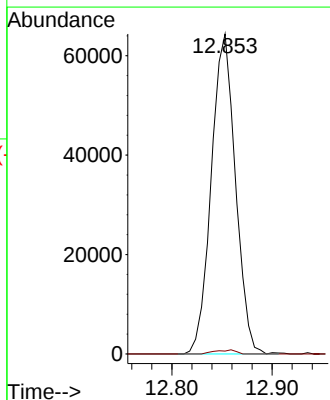
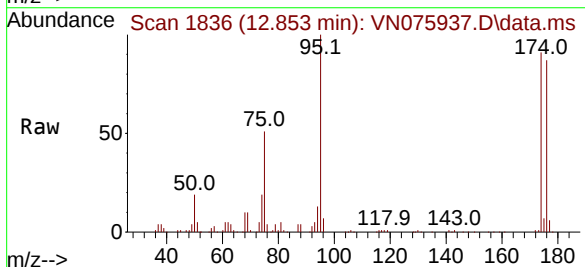
Acq: 22 Dec 2022 11:53

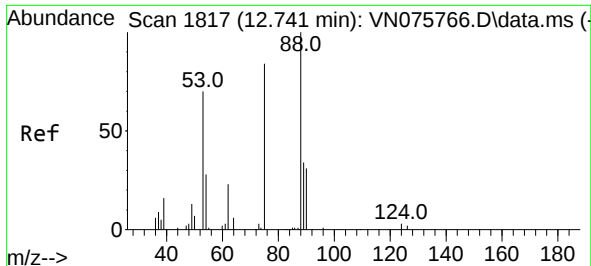
Tgt Ion: 75 Resp: 107966

Ion Ratio Lower Upper

75 100

77 1.1 82.6 247.8#

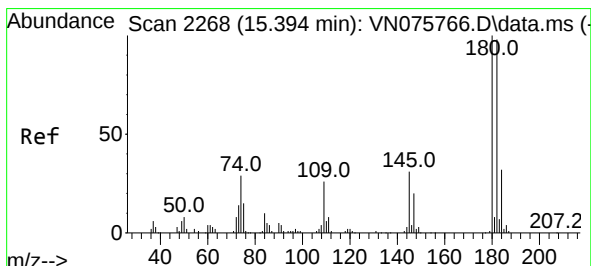
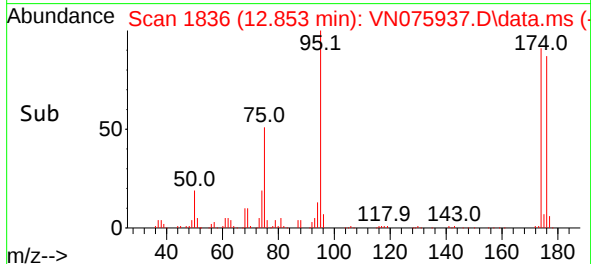
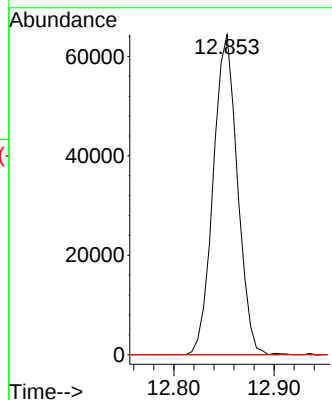
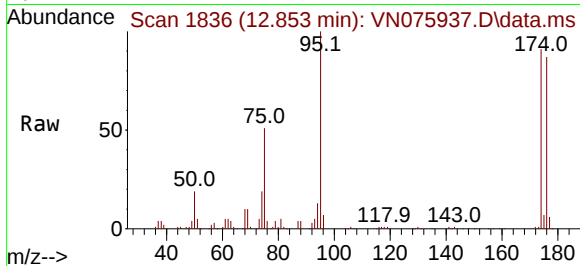




#81
trans-1,4-Dichloro-2-butene
Concen: 89.623 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.112 min
Lab File: VN075937.D
Acq: 22 Dec 2022 11:53

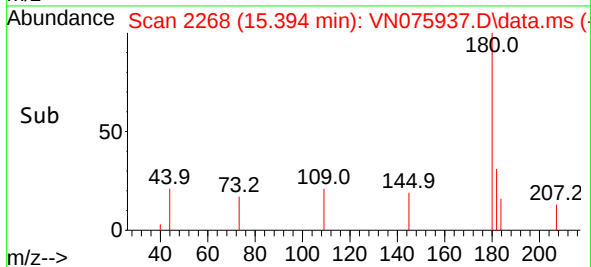
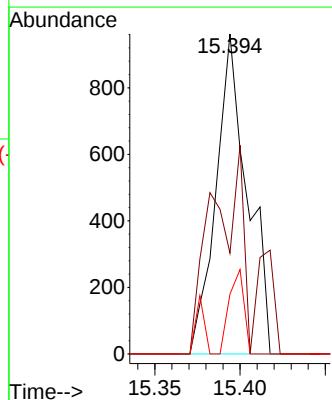
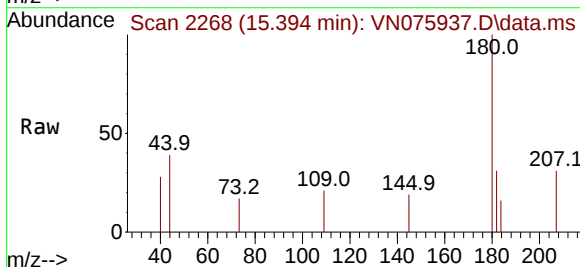
Instrument :
MSVOA_N
ClientSampleId :
VN1222WBL01

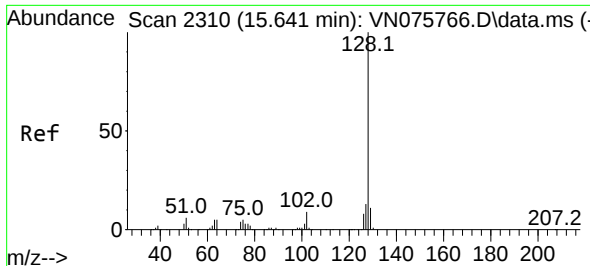
Tgt Ion: 75 Resp: 107966
Ion Ratio Lower Upper
75 100
53 0.0 73.8 110.6#
89 0.0 39.5 59.3#



#93
1,2,4-Trichlorobenzene
Concen: 0.347 ug/l
RT: 15.394 min Scan# 2268
Delta R.T. 0.000 min
Lab File: VN075937.D
Acq: 22 Dec 2022 11:53

Tgt Ion:180 Resp: 1231
Ion Ratio Lower Upper
180 100
182 78.5 47.5 142.5
145 12.4 15.3 45.8#

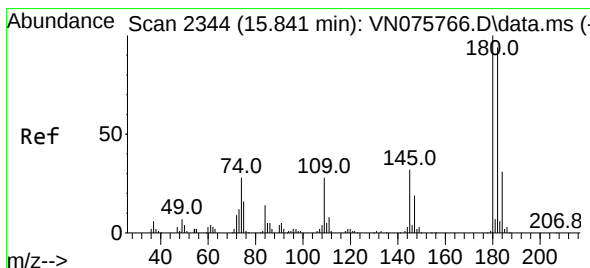
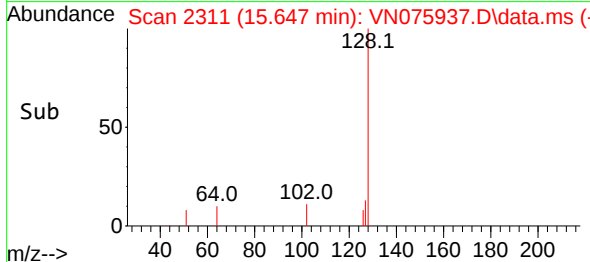
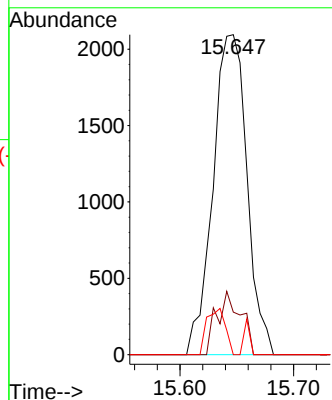
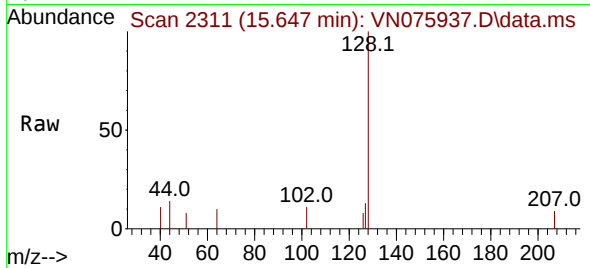




#95
Naphthalene
Concen: 2.533 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN075937.D
Acq: 22 Dec 2022 11:53

Instrument :
MSVOA_N
ClientSampleId :
VN1222WBL01

Tgt Ion:128 Resp: 4354
Ion Ratio Lower Upper
128 100
127 14.1 10.4 15.6
129 7.9 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 0.325 ug/l
RT: 15.847 min Scan# 2345
Delta R.T. 0.006 min
Lab File: VN075937.D
Acq: 22 Dec 2022 11:53

Tgt Ion:180 Resp: 1075
Ion Ratio Lower Upper
180 100
182 108.9 47.0 141.0
145 14.6 16.0 47.9#

