

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011122\
 Data File : VN070565.D
 Acq On : 11 Jan 2022 13:03
 Operator : JC/MD
 Sample : N1071-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 12 05:59:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

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

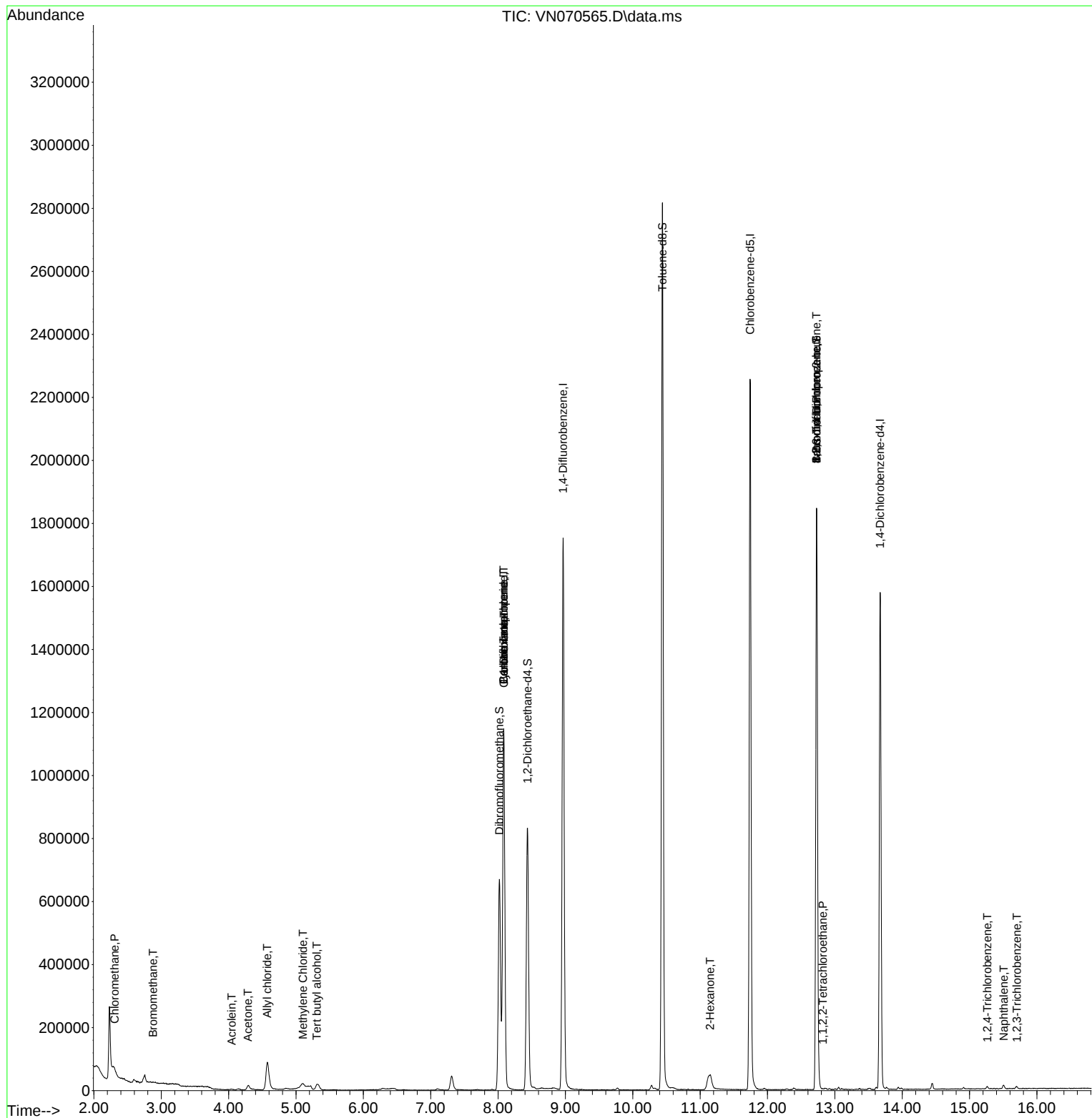
Internal Standards						
1) Pentafluorobenzene	8.083	168	891169	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1528305	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.741	117	1338953	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	449665	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	698250	54.494	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 108.980%	
35) Dibromofluoromethane	8.019	113	499599	54.028	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 108.060%	
50) Toluene-d8	10.440	98	1986067	52.576	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 105.160%	
62) 4-Bromofluorobenzene	12.728	95	703849	51.588	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 103.180%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.306	50	4078	0.297	ug/l #	79
5) Bromomethane	2.877	94	2433	0.377	ug/l #	79
11) Tert butyl alcohol	5.310	59	8473	3.971	ug/l #	73
13) Acrolein	4.044	56	2283	1.319	ug/l	94
14) Allyl chloride	4.572	41	14236	0.692	ug/l #	81
16) Acetone	4.285	43	9043	1.087	ug/l	94
20) Methylene Chloride	5.103	84	4365	0.379	ug/l #	89
31) Cyclohexane	8.086	56	19822	0.980	ug/l #	1
36) 1,1-Dichloropropene	8.083	75	69729	4.558	ug/l #	48
38) Carbon Tetrachloride	8.083	117	85648	5.864	ug/l #	16
59) 2-Hexanone	11.148	43	37849	2.642	ug/l #	25
71) Bromoform	12.728	173	4488	0.596	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.822	83	612	0.487	ug/l #	46
76) 1,2,3-Trichloropropane	12.728	75	361665	28.416	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.728	75	361665	98.267	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.263	180	2924	0.394	ug/l	97
95) Naphthalene	15.507	128	11574	2.342	ug/l #	90
96) 1,2,3-Trichlorobenzene	15.702	180	3177	1.267	ug/l	93

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011122\
Data File : VN070565.D
Acq On : 11 Jan 2022 13:03
Operator : JC/MD
Sample : N1071-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jan 12 05:59:30 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
Quant Title : SW846 8260
QLast Update : Mon Dec 27 18:47:12 2021
Response via : Initial Calibration

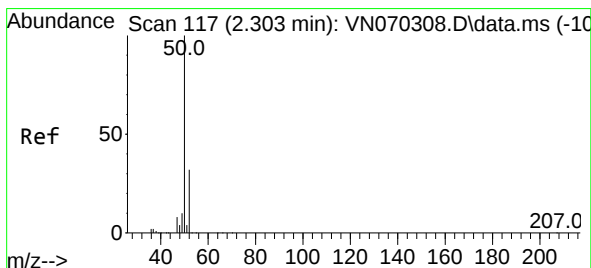
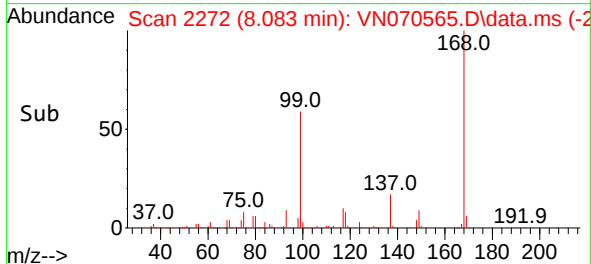
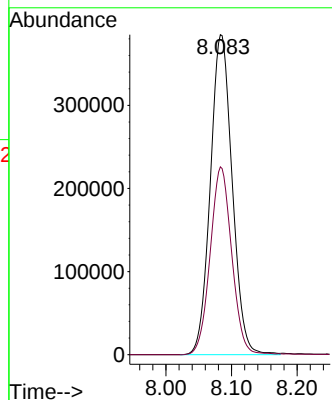
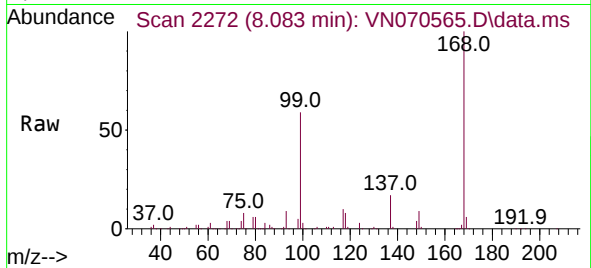




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.083 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070565.D
Acq: 11 Jan 2022 13:03

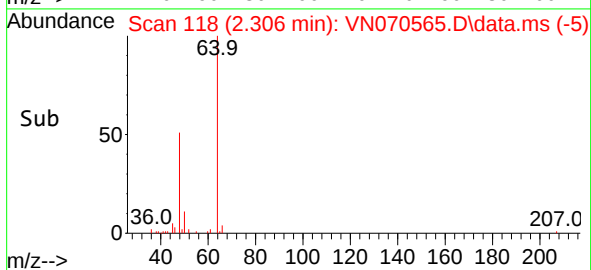
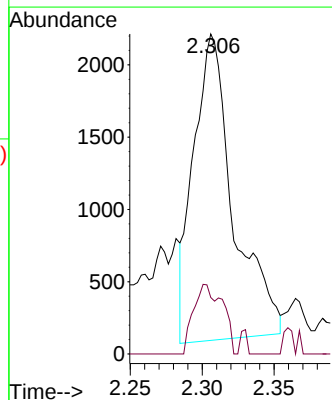
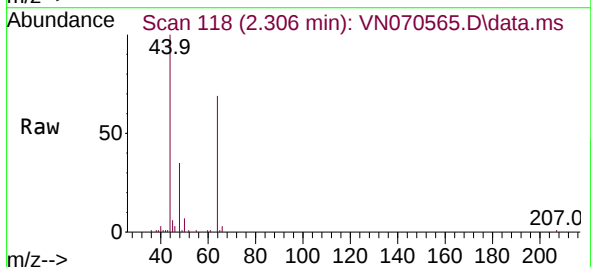
Instrument :
MSVOA_N
ClientSampleId :

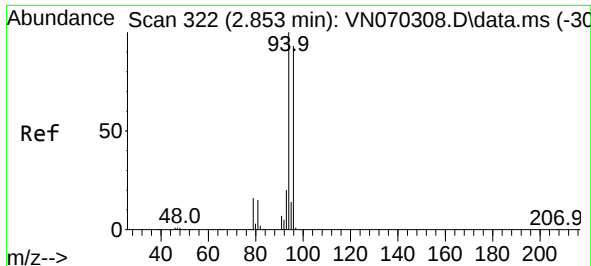
Tgt Ion:168 Resp: 891169
Ion Ratio Lower Upper
168 100
99 58.7 41.3 61.9



#3
Chloromethane
Concen: 0.297 ug/l
RT: 2.306 min Scan# 118
Delta R.T. 0.003 min
Lab File: VN070565.D
Acq: 11 Jan 2022 13:03

Tgt Ion: 50 Resp: 4078
Ion Ratio Lower Upper
50 100
52 20.1 25.4 38.0#

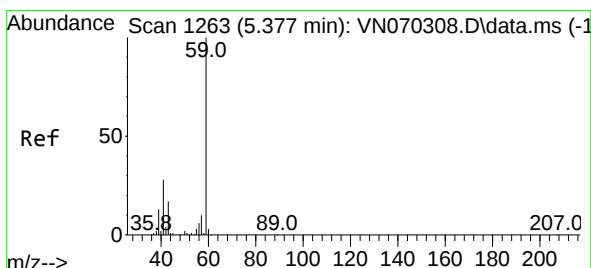
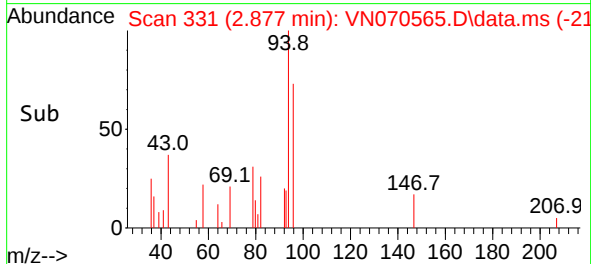
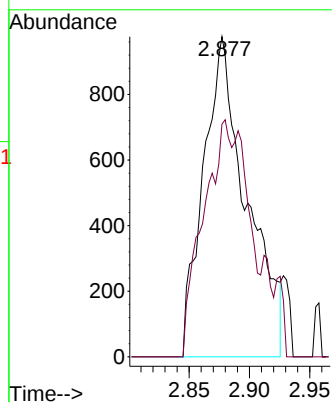
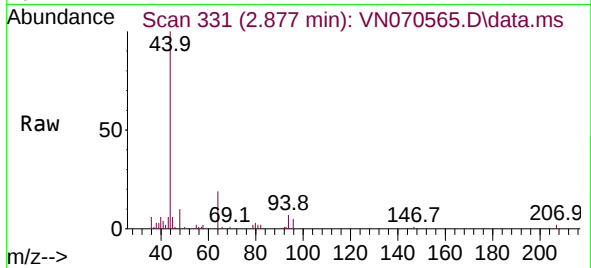




#5
Bromomethane
Concen: 0.377 ug/l
RT: 2.877 min Scan# 31
Delta R.T. 0.024 min
Lab File: VN070565.D
Acq: 11 Jan 2022 13:03

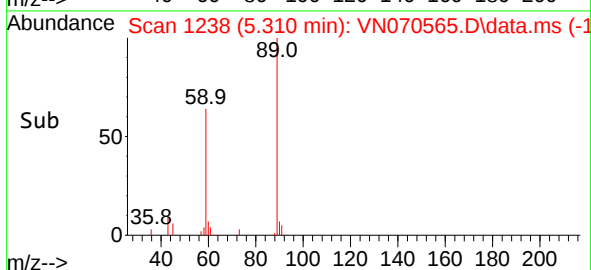
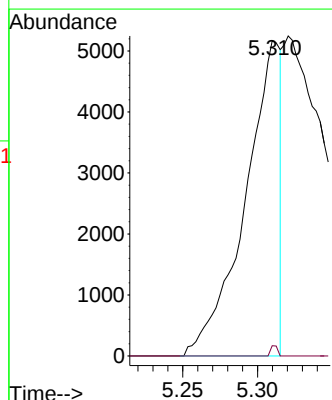
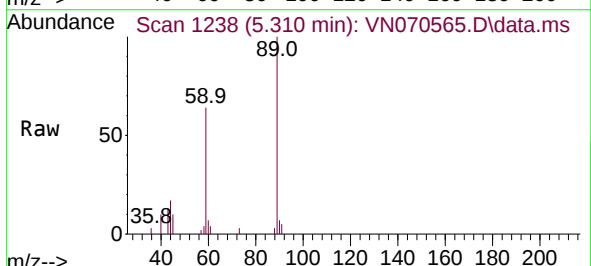
Instrument :
MSVOA_N
ClientSampleId :

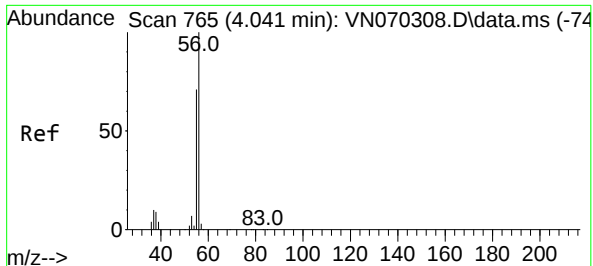
Tgt Ion: 94 Resp: 2433
Ion Ratio Lower Upper
94 100
96 72.6 73.8 110.8#



#11
Tert butyl alcohol
Concen: 3.971 ug/l
RT: 5.310 min Scan# 1238
Delta R.T. -0.067 min
Lab File: VN070565.D
Acq: 11 Jan 2022 13:03

Tgt Ion: 59 Resp: 8473
Ion Ratio Lower Upper
59 100
57 0.6 8.7 13.1#

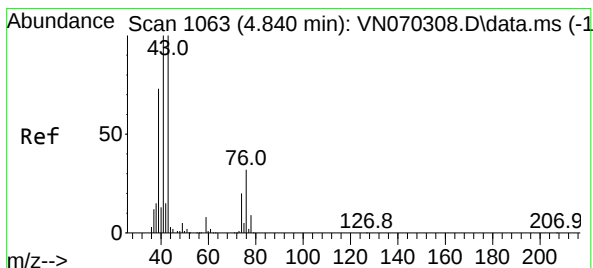
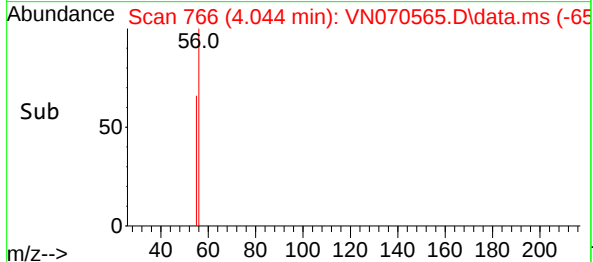
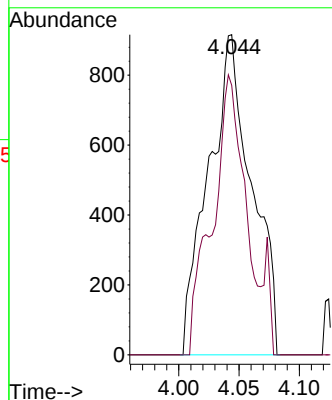
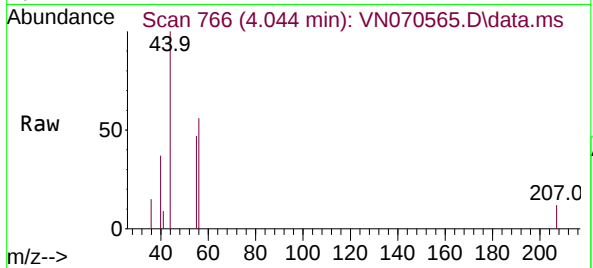




#13
Acrolein
Concen: 1.319 ug/l
RT: 4.044 min Scan# 765
Delta R.T. 0.003 min
Lab File: VN070565.D
Acq: 11 Jan 2022 13:03

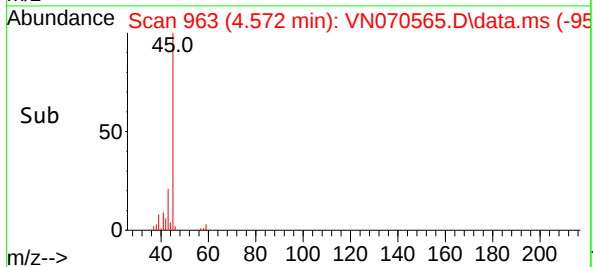
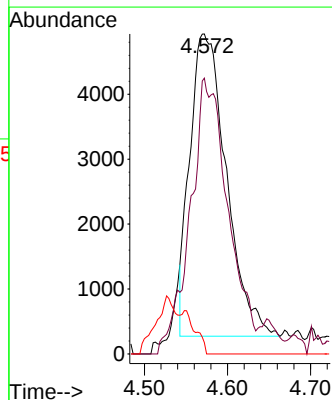
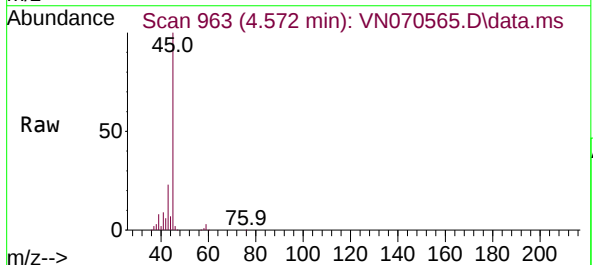
Instrument :
MSVOA_N
ClientSampleId :

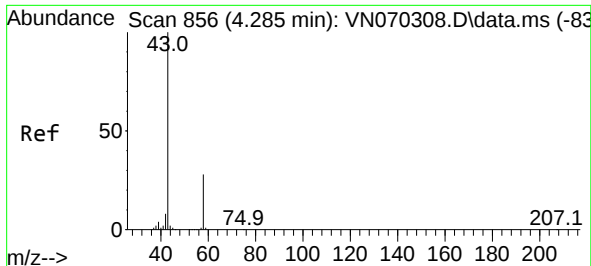
Tgt Ion: 56 Resp: 2283
Ion Ratio Lower Upper
56 100
55 66.1 56.6 85.0



#14
Allyl chloride
Concen: 0.692 ug/l
RT: 4.572 min Scan# 963
Delta R.T. -0.268 min
Lab File: VN070565.D
Acq: 11 Jan 2022 13:03

Tgt Ion: 41 Resp: 14236
Ion Ratio Lower Upper
41 100
39 74.6 61.2 91.8
76 0.0 26.0 39.0#

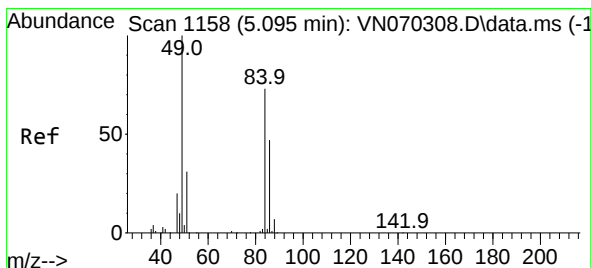
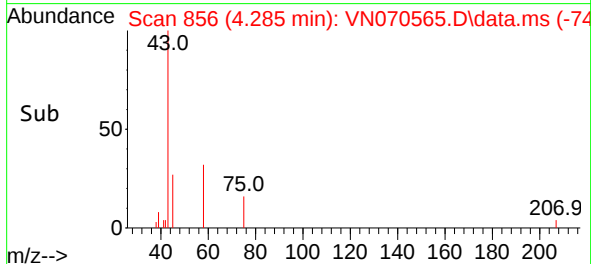
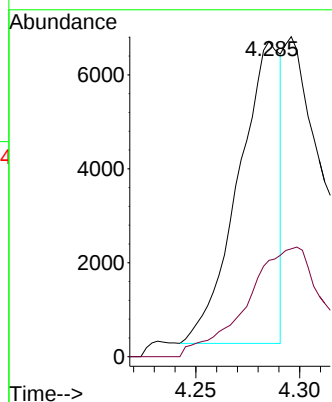
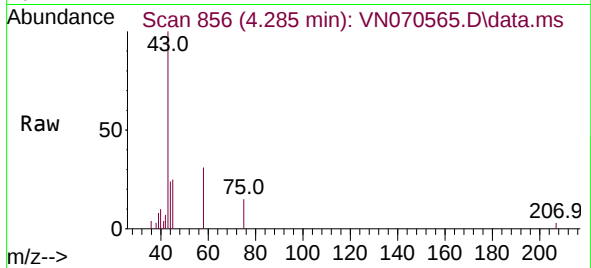




#16
Acetone
Concen: 1.087 ug/l
RT: 4.285 min Scan# 856
Delta R.T. 0.000 min
Lab File: VN070565.D
Acq: 11 Jan 2022 13:03

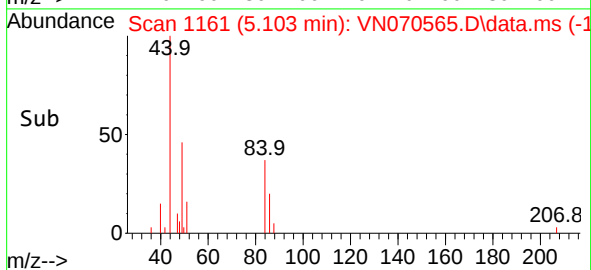
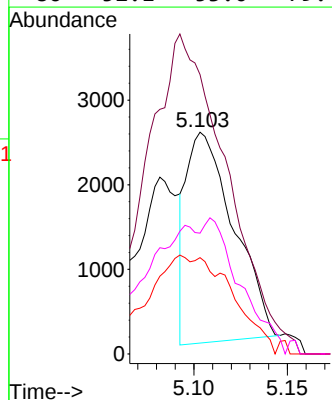
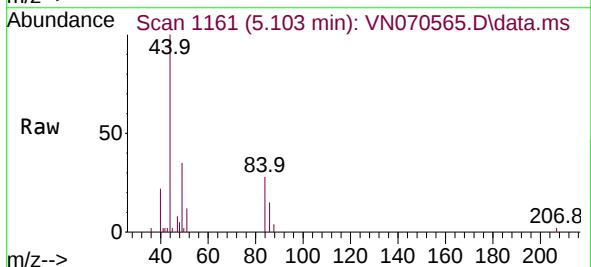
Instrument :
MSVOA_N
ClientSampleId :

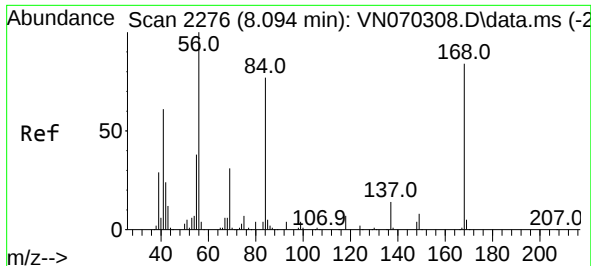
Tgt Ion: 43 Resp: 9043
Ion Ratio Lower Upper
43 100
58 31.9 23.1 34.7



#20
Methylene Chloride
Concen: 0.379 ug/l
RT: 5.103 min Scan# 1161
Delta R.T. 0.008 min
Lab File: VN070565.D
Acq: 11 Jan 2022 13:03

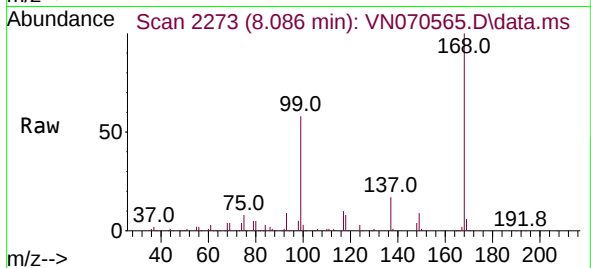
Tgt Ion: 84 Resp: 4365
Ion Ratio Lower Upper
84 100
49 125.1 93.5 140.3
51 41.1 29.4 44.2
86 52.1 53.0 79.4#



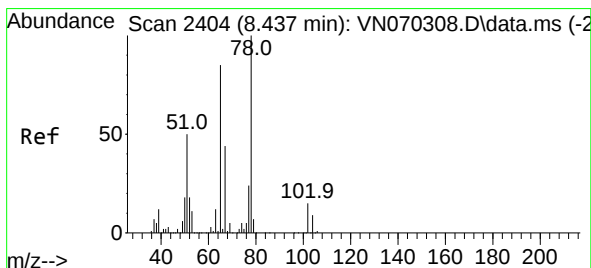
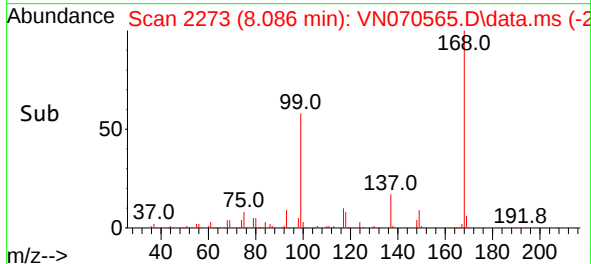
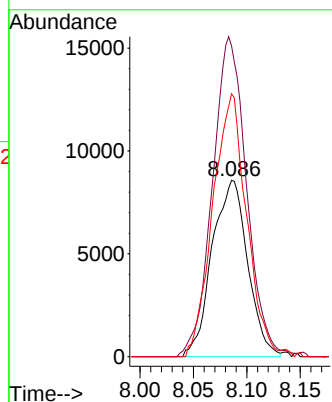


#31
Cyclohexane
Concen: 0.980 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.008 min
Lab File: VN070565.D
Acq: 11 Jan 2022 13:03

Instrument :
MSVOA_N
ClientSampleId :

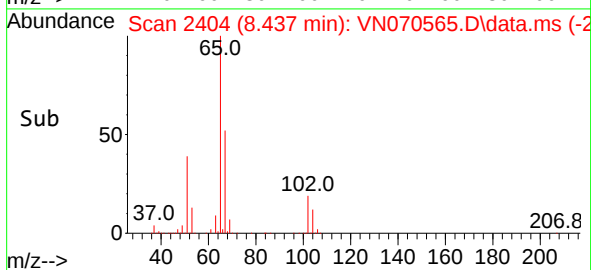
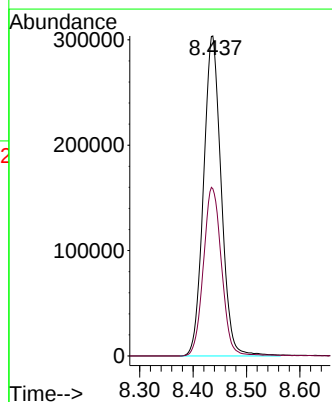
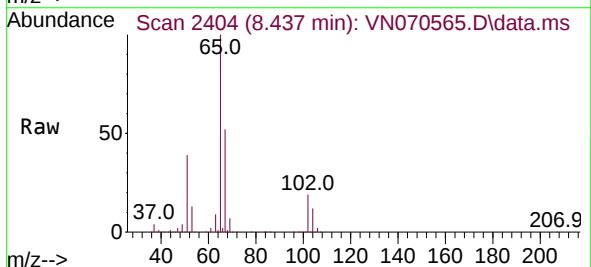


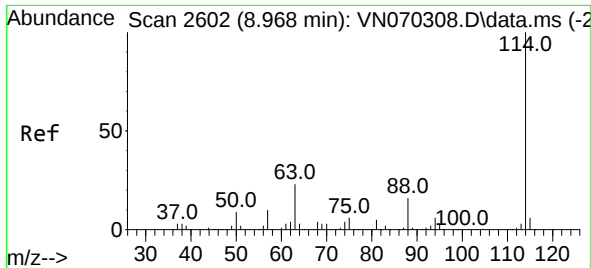
Tgt Ion: 56 Resp: 19822
Ion Ratio Lower Upper
56 100
69 174.3 27.1 40.7#
84 149.1 73.4 110.0#



#33
1,2-Dichloroethane-d4
Concen: 54.494 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. -0.000 min
Lab File: VN070565.D
Acq: 11 Jan 2022 13:03

Tgt Ion: 65 Resp: 698250
Ion Ratio Lower Upper
65 100
67 53.7 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.965 min Scan# 2

Delta R.T. -0.003 min

Lab File: VN070565.D

Acq: 11 Jan 2022 13:03

Instrument :

MSVOA_N

ClientSampleId :

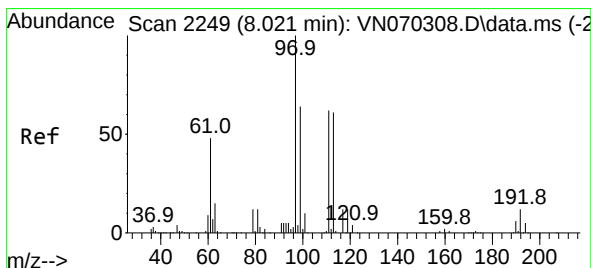
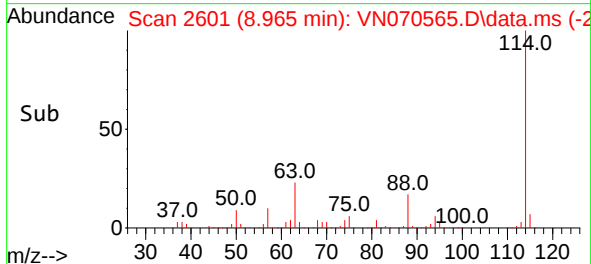
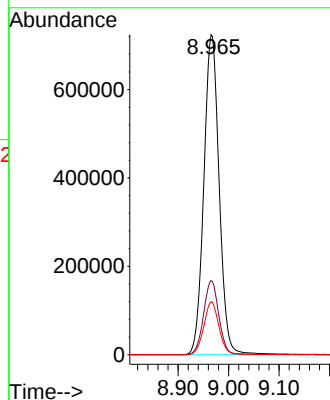
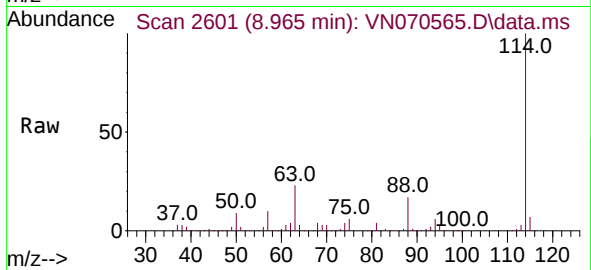
Tgt Ion:114 Resp: 1528305

Ion Ratio Lower Upper

114 100

63 23.2 0.0 37.8

88 16.6 0.0 27.4



#35

Dibromofluoromethane

Concen: 54.028 ug/l

RT: 8.019 min Scan# 2248

Delta R.T. -0.002 min

Lab File: VN070565.D

Acq: 11 Jan 2022 13:03

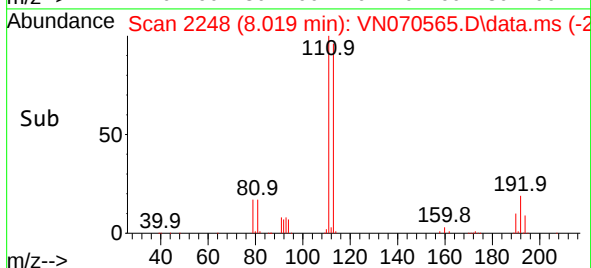
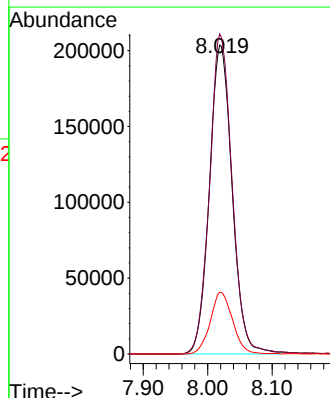
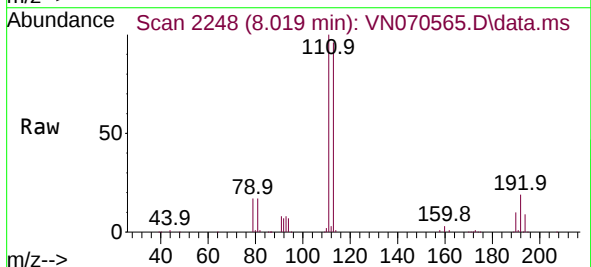
Tgt Ion:113 Resp: 499599

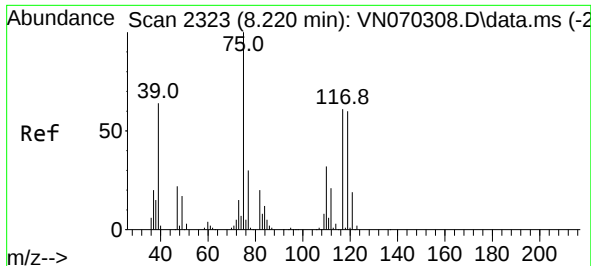
Ion Ratio Lower Upper

113 100

111 102.4 82.2 123.2

192 19.6 16.9 25.3

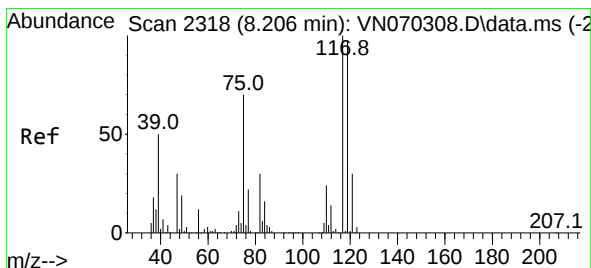
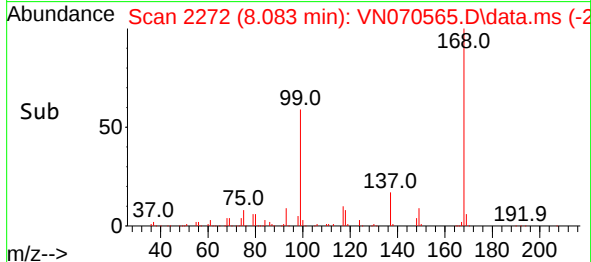
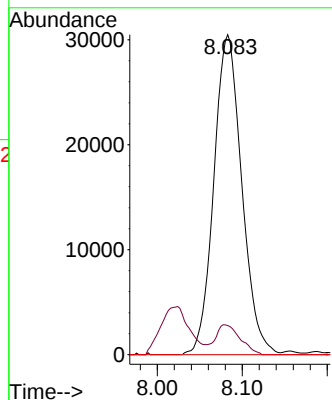
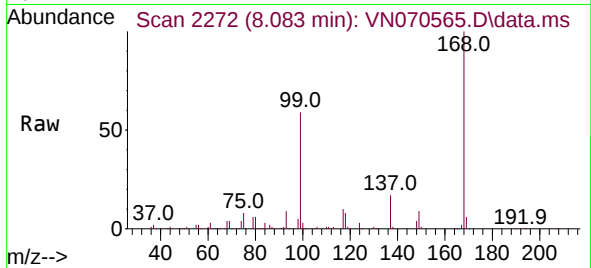




#36
1,1-Dichloropropene
Concen: 4.558 ug/l
RT: 8.083 min Scan# 211
Delta R.T. -0.137 min
Lab File: VN070565.D
Acq: 11 Jan 2022 13:03

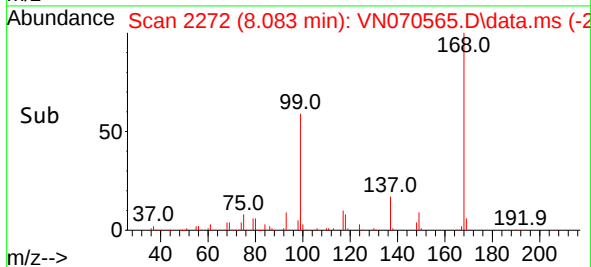
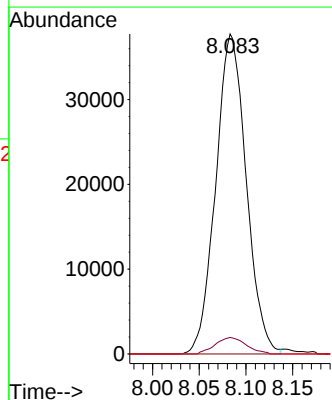
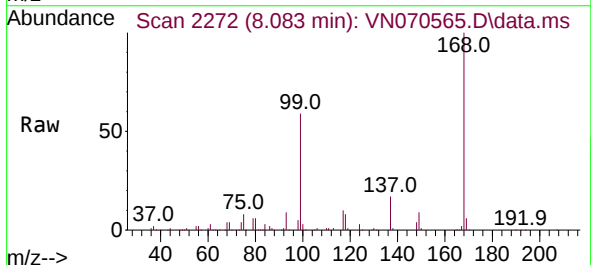
Instrument :
MSVOA_N
ClientSampleId :

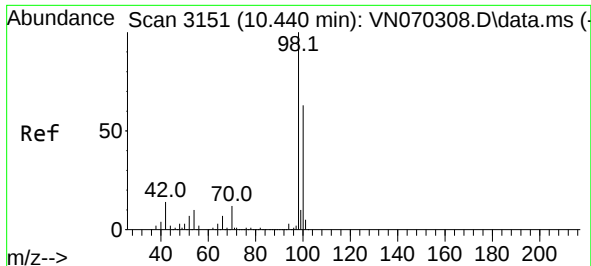
Tgt Ion: 75 Resp: 69729
Ion Ratio Lower Upper
75 100
110 8.1 18.4 55.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.864 ug/l
RT: 8.083 min Scan# 2272
Delta R.T. -0.123 min
Lab File: VN070565.D
Acq: 11 Jan 2022 13:03

Tgt Ion:117 Resp: 85648
Ion Ratio Lower Upper
117 100
119 5.1 76.1 114.1#
121 0.0 24.2 36.2#

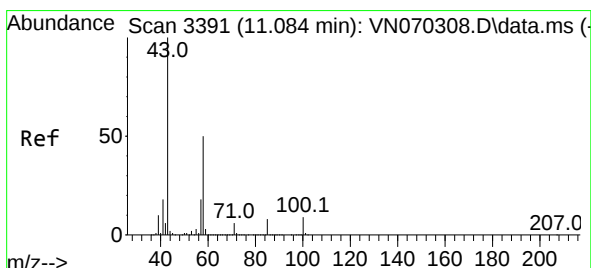
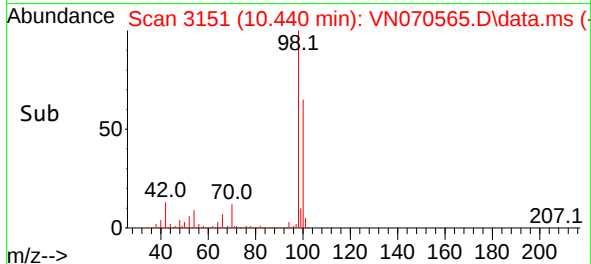
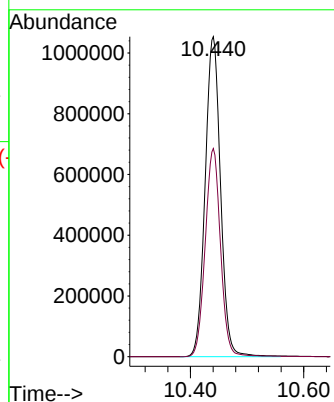
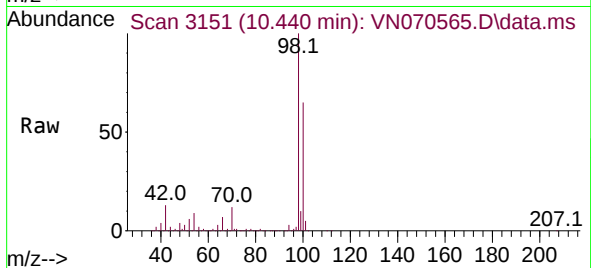




#50
Toluene-d8
Concen: 52.576 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VN070565.D
Acq: 11 Jan 2022 13:03

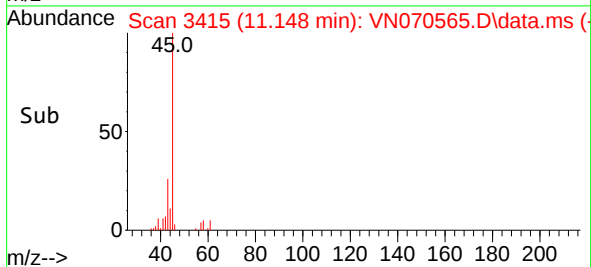
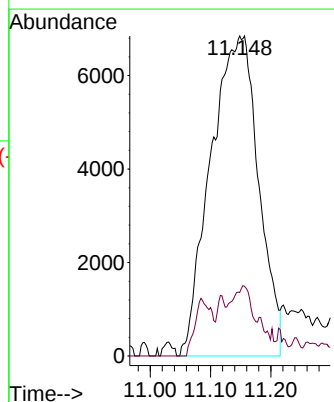
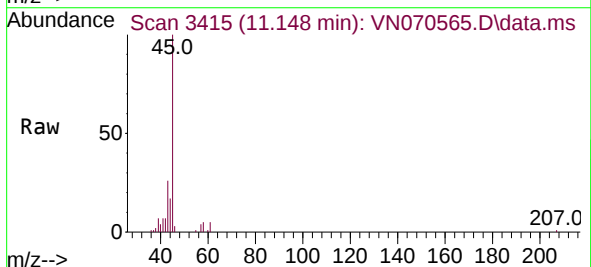
Instrument :
MSVOA_N
ClientSampleId :

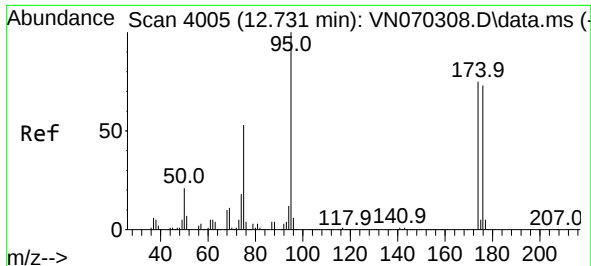
Tgt Ion: 98 Resp: 1986067
Ion Ratio Lower Upper
98 100
100 64.5 50.4 75.6



#59
2-Hexanone
Concen: 2.642 ug/l
RT: 11.148 min Scan# 3415
Delta R.T. 0.064 min
Lab File: VN070565.D
Acq: 11 Jan 2022 13:03

Tgt Ion: 43 Resp: 37849
Ion Ratio Lower Upper
43 100
58 0.0 26.9 80.7#

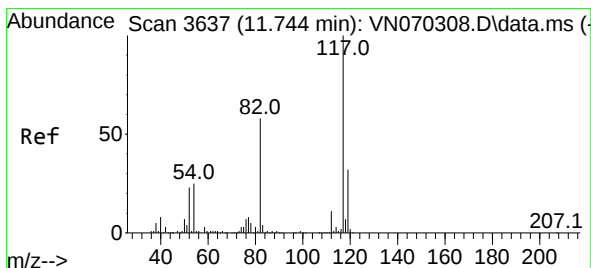
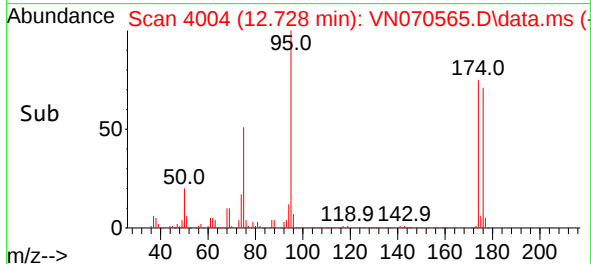
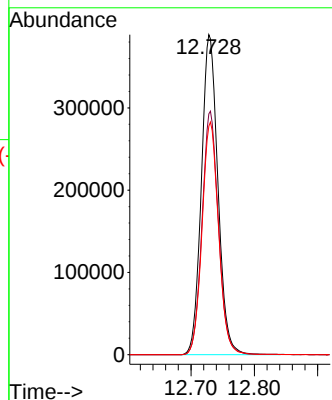
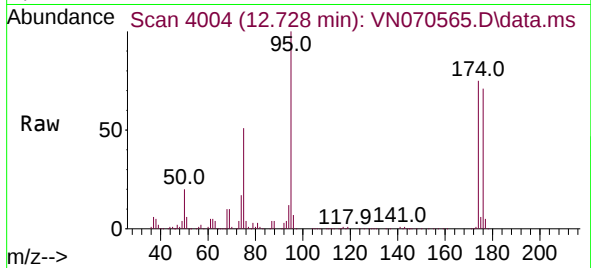




#62
4-Bromofluorobenzene
Concen: 51.588 ug/l
RT: 12.728 min Scan# 4005
Delta R.T. -0.003 min
Lab File: VN070565.D
Acq: 11 Jan 2022 13:03

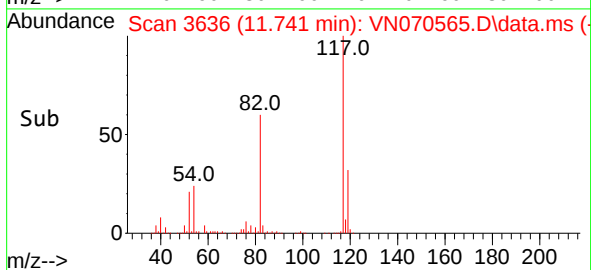
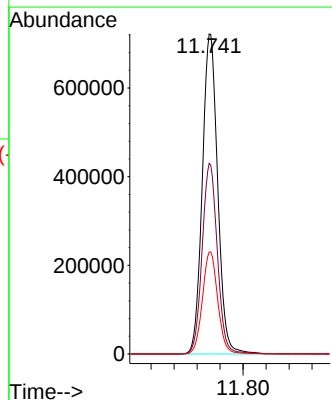
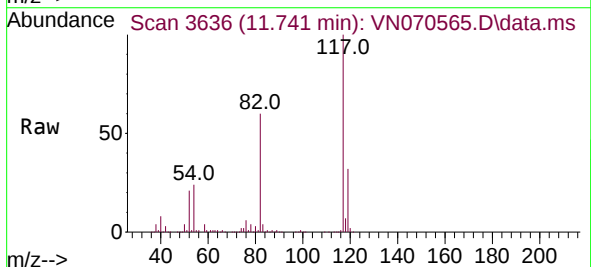
Instrument :
MSVOA_N
ClientSampleId :

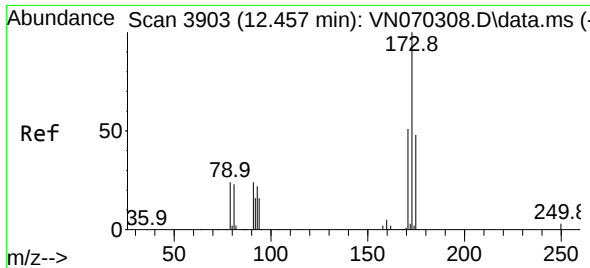
Tgt Ion: 95 Resp: 703849
Ion Ratio Lower Upper
95 100
174 75.5 0.0 187.2
176 72.7 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.741 min Scan# 3636
Delta R.T. -0.003 min
Lab File: VN070565.D
Acq: 11 Jan 2022 13:03

Tgt Ion: 117 Resp: 1338953
Ion Ratio Lower Upper
117 100
82 59.5 42.4 63.6
119 31.9 25.4 38.2

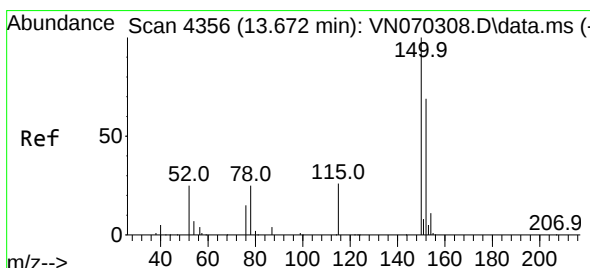
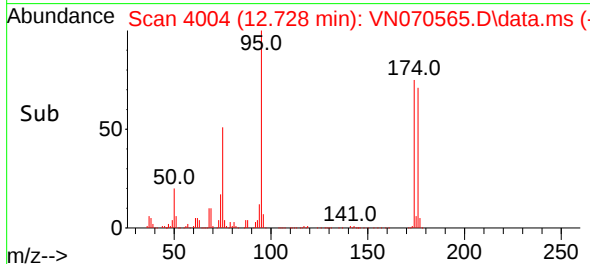
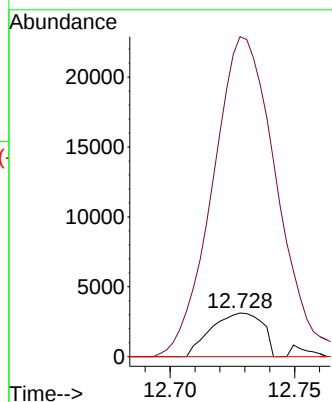
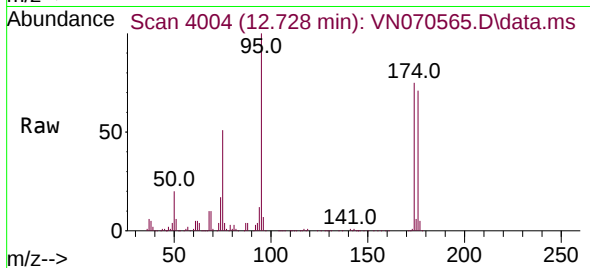




#71
Bromoform
Concen: 0.596 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. 0.271 min
Lab File: VN070565.D
Acq: 11 Jan 2022 13:03

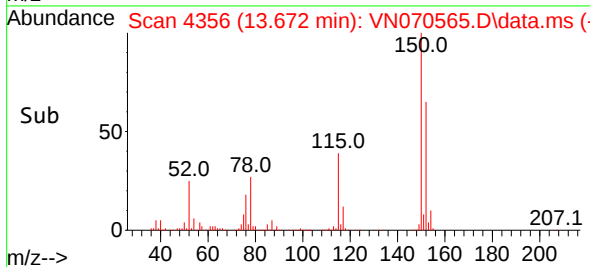
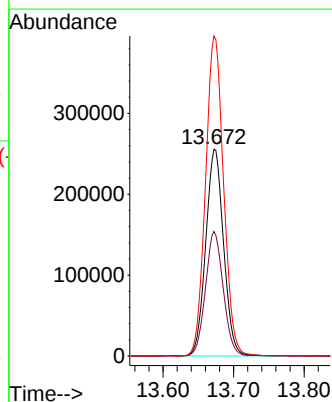
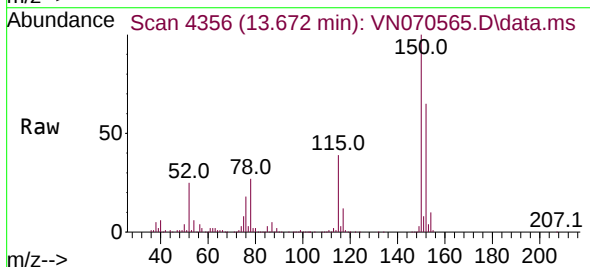
Instrument :
MSVOA_N
ClientSampleId :

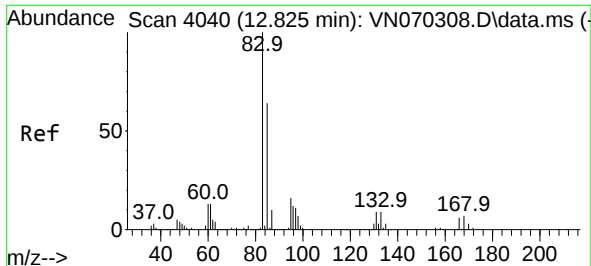
Tgt Ion:173 Resp: 4488
Ion Ratio Lower Upper
173 100
175 840.8 24.2 72.6#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.672 min Scan# 4356
Delta R.T. 0.000 min
Lab File: VN070565.D
Acq: 11 Jan 2022 13:03

Tgt Ion:152 Resp: 449665
Ion Ratio Lower Upper
152 100
115 59.9 27.5 82.5
150 156.4 0.0 344.4

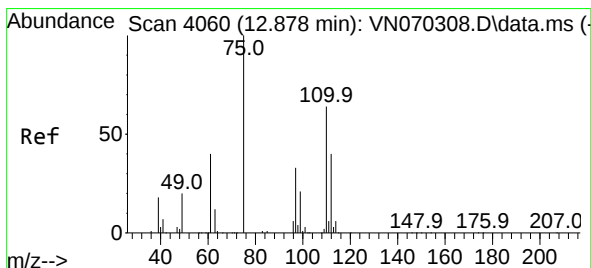
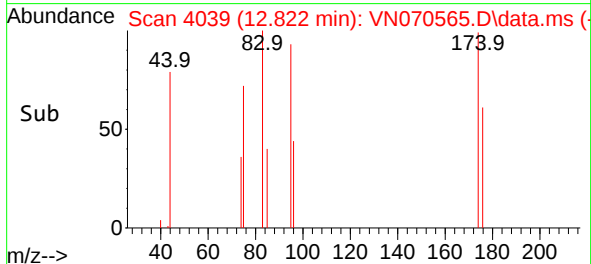
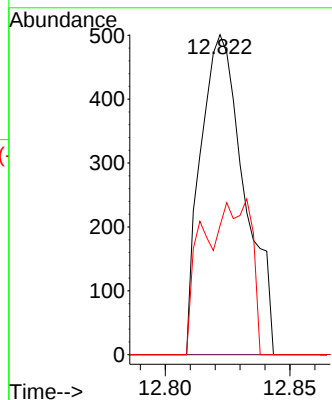
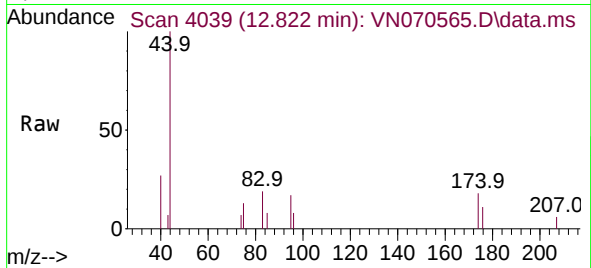




#75
1,1,2,2-Tetrachloroethane
Concen: 0.487 ug/l
RT: 12.822 min Scan# 4040
Delta R.T. -0.003 min
Lab File: VN070565.D
Acq: 11 Jan 2022 13:03

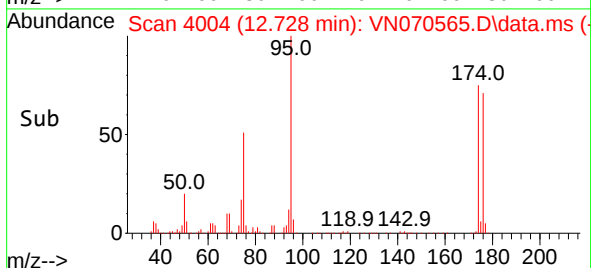
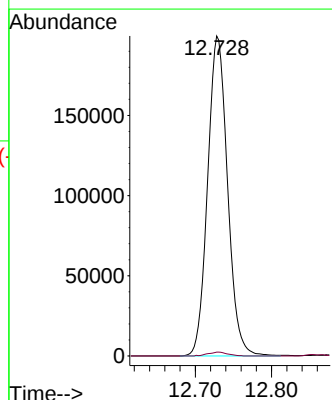
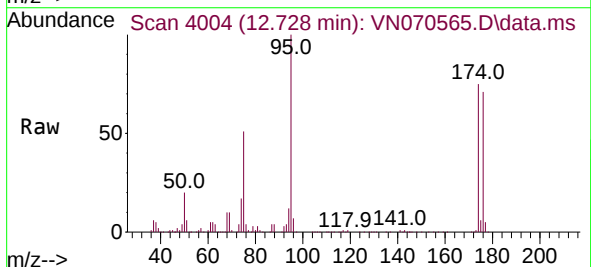
Instrument :
MSVOA_N
ClientSampleId :

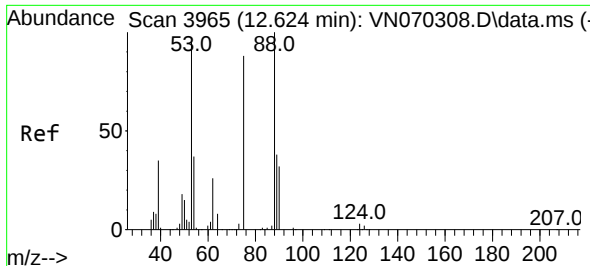
Tgt Ion: 83 Resp: 612
Ion Ratio Lower Upper
83 100
131 0.0 5.5 16.5#
85 19.0 32.4 97.2#



#76
1,2,3-Trichloropropane
Concen: 28.416 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. -0.150 min
Lab File: VN070565.D
Acq: 11 Jan 2022 13:03

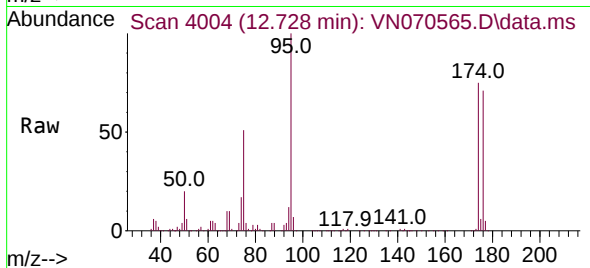
Tgt Ion: 75 Resp: 361665
Ion Ratio Lower Upper
75 100
77 1.2 82.6 247.8#



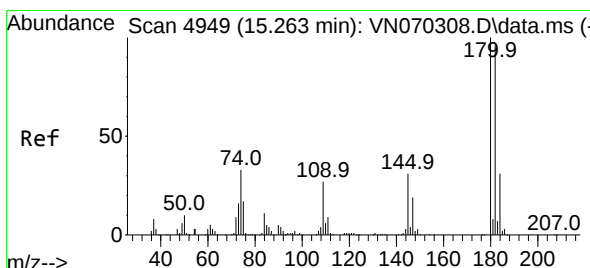
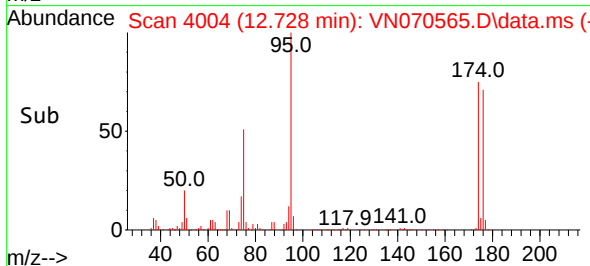
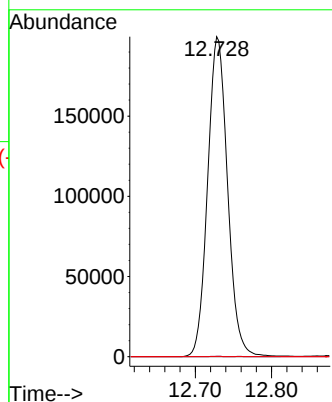


#81
trans-1,4-Dichloro-2-butene
Concen: 98.267 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. 0.104 min
Lab File: VN070565.D
Acq: 11 Jan 2022 13:03

Instrument :
MSVOA_N
ClientSampleId :

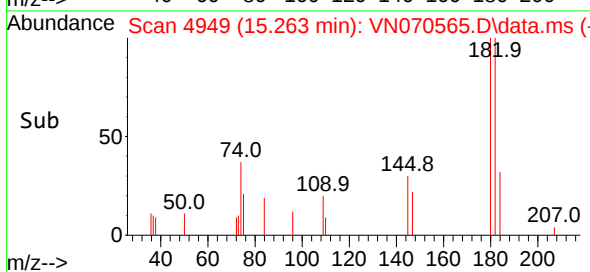
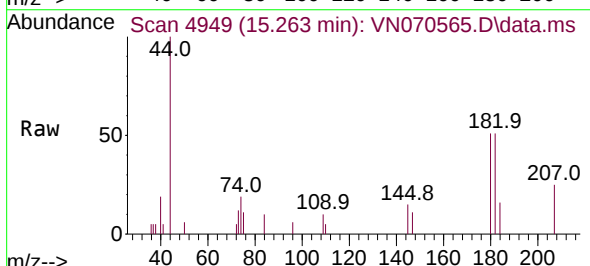
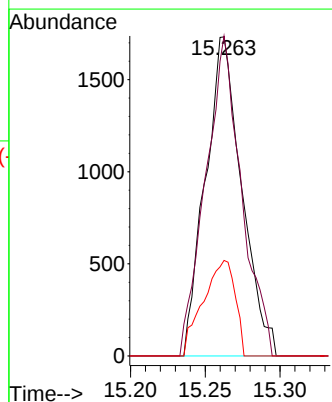


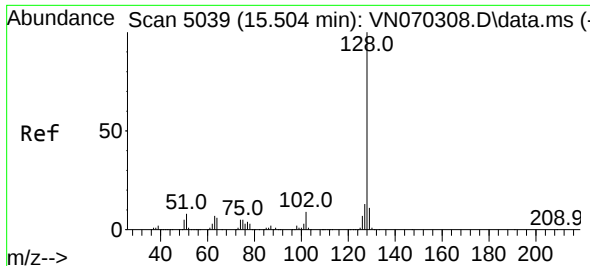
Tgt Ion: 75 Resp: 361665
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 38.2 57.4#



#93
1,2,4-Trichlorobenzene
Concen: 0.394 ug/l
RT: 15.263 min Scan# 4949
Delta R.T. -0.000 min
Lab File: VN070565.D
Acq: 11 Jan 2022 13:03

Tgt Ion: 180 Resp: 2924
Ion Ratio Lower Upper
180 100
182 99.0 48.3 144.9
145 26.3 14.5 43.5

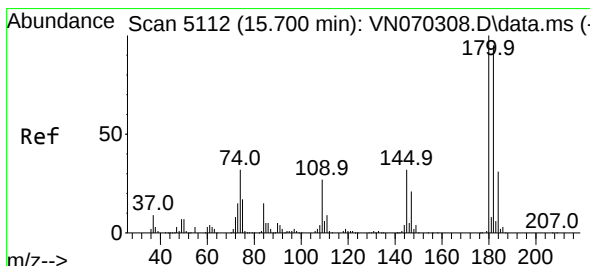
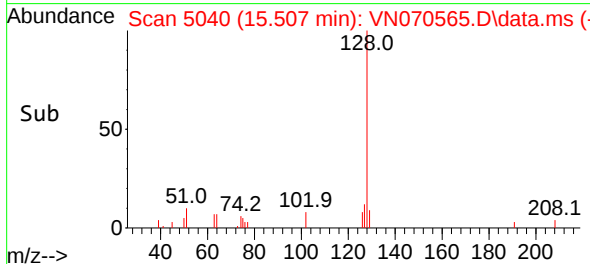
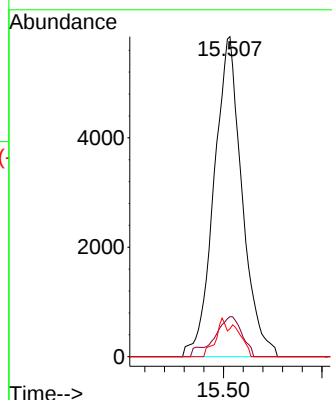
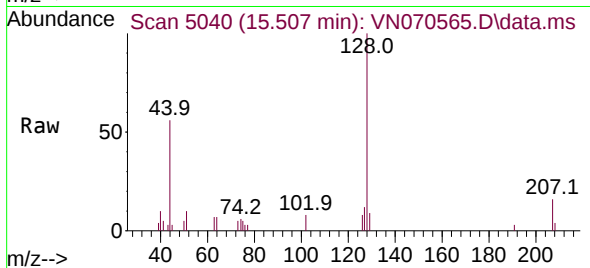




#95
Naphthalene
Concen: 2.342 ug/l
RT: 15.507 min Scan# 5039
Delta R.T. 0.003 min
Lab File: VN070565.D
Acq: 11 Jan 2022 13:03

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 11574
Ion Ratio Lower Upper
128 100
127 11.2 10.5 15.7
129 4.8 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 1.267 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. 0.002 min
Lab File: VN070565.D
Acq: 11 Jan 2022 13:03

Tgt Ion:180 Resp: 3177
Ion Ratio Lower Upper
180 100
182 100.5 47.4 142.2
145 23.7 15.0 45.1

