

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010422\
 Data File : VN070465.D
 Acq On : 4 Jan 2022 15:52
 Operator : JC/MD
 Sample : N1003-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 05 03:17:28 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)

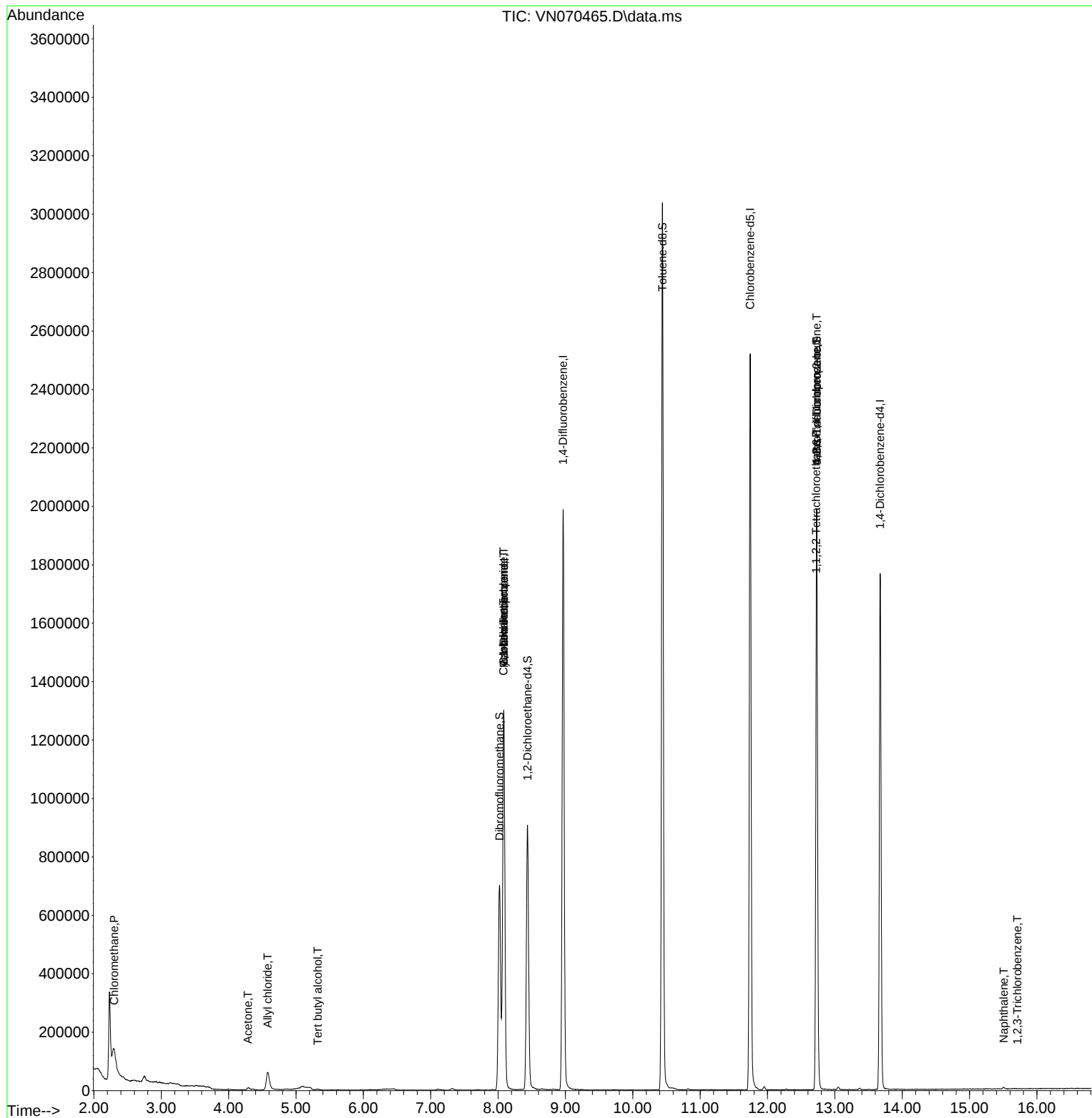
Internal Standards						
1) Pentafluorobenzene	8.086	168	1010045	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1719277	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1477849	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	490230	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	763305	52.560	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 105.120%	
35) Dibromofluoromethane	8.021	113	531012	51.047	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 102.100%	
50) Toluene-d8	10.440	98	2110503	49.664	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 99.320%	
62) 4-Bromofluorobenzene	12.731	95	732994	47.757	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 95.520%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.301	50	7759	0.498	ug/l #	73
11) Tert butyl alcohol	5.321	59	2965	1.226	ug/l #	71
14) Allyl chloride	4.580	41	8999	0.386	ug/l #	77
16) Acetone	4.285	43	2957	0.314	ug/l	98
31) Cyclohexane	8.080	56	23026	1.005	ug/l #	21
36) 1,1-Dichloropropene	8.083	75	81353	4.727	ug/l #	48
38) Carbon Tetrachloride	8.083	117	99700	6.067	ug/l #	16
75) 1,1,2,2-Tetrachloroethane	12.723	83	194	0.459	ug/l #	1
76) 1,2,3-Trichloropropane	12.731	75	380407	27.512	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.731	75	380407	94.806	ug/l #	5
95) Naphthalene	15.507	128	5781	2.046	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.708	180	57	0.833	ug/l #	1

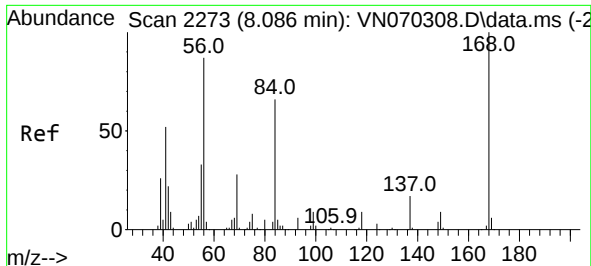
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010422\
Data File : VN070465.D
Acq On : 4 Jan 2022 15:52
Operator : JC/MD
Sample : N1003-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jan 05 03:17:28 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

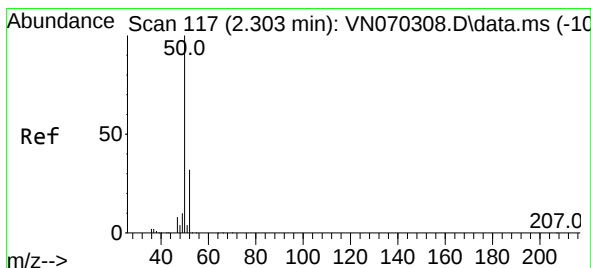
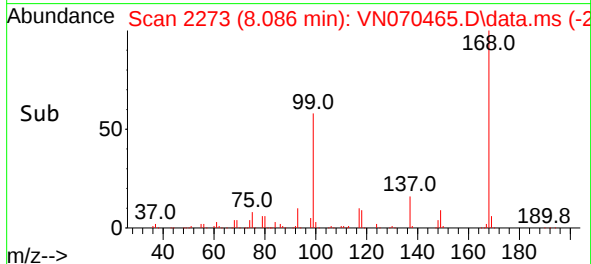
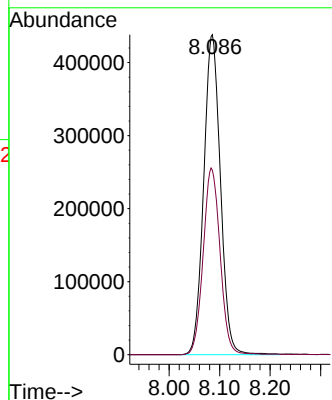
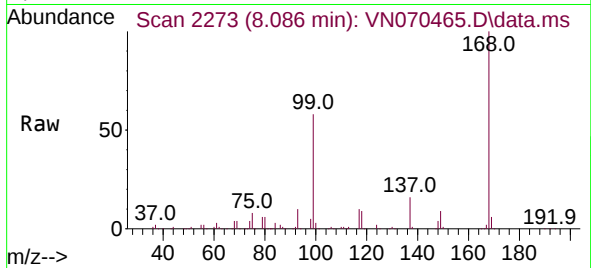




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070465.D
Acq: 4 Jan 2022 15:52

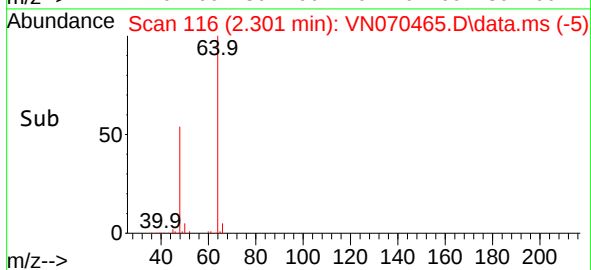
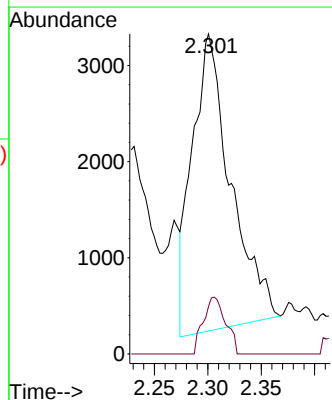
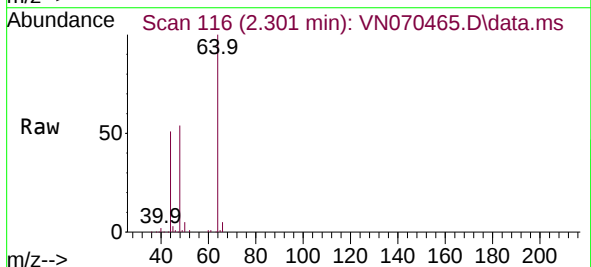
Instrument :
MSVOA_N
ClientSampleId :

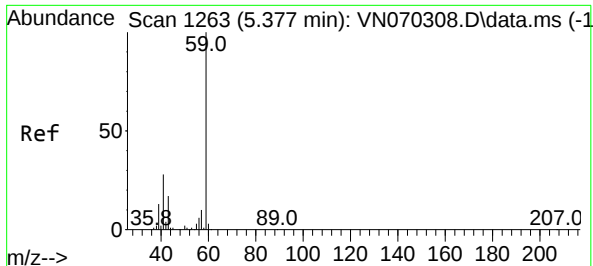
Tgt Ion:168 Resp: 1010045
Ion Ratio Lower Upper
168 100
99 57.7 41.3 61.9



#3
Chloromethane
Concen: 0.498 ug/l
RT: 2.301 min Scan# 116
Delta R.T. -0.002 min
Lab File: VN070465.D
Acq: 4 Jan 2022 15:52

Tgt Ion: 50 Resp: 7759
Ion Ratio Lower Upper
50 100
52 16.8 25.4 38.0#





#11

Tert butyl alcohol

Concen: 1.226 ug/l

RT: 5.321 min Scan# 11

Delta R.T. -0.056 min

Lab File: VN070465.D

Acq: 4 Jan 2022 15:52

Instrument :

MSVOA_N

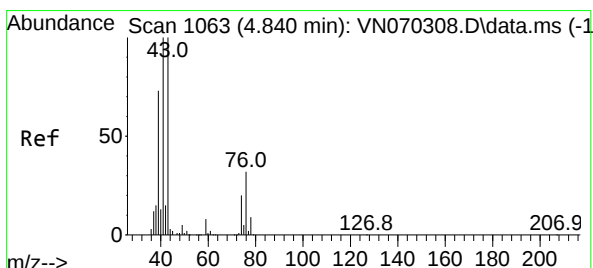
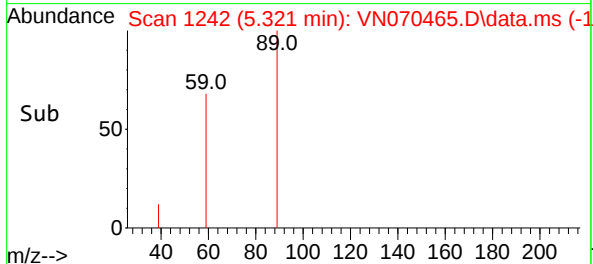
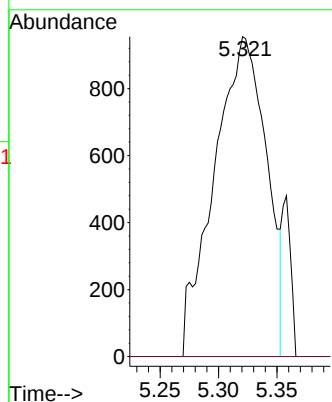
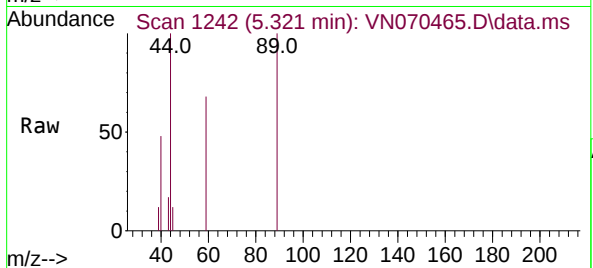
ClientSampleId :

Tgt Ion: 59 Resp: 2965

Ion Ratio Lower Upper

59 100

57 0.0 8.7 13.1#



#14

Allyl chloride

Concen: 0.386 ug/l

RT: 4.580 min Scan# 966

Delta R.T. -0.260 min

Lab File: VN070465.D

Acq: 4 Jan 2022 15:52

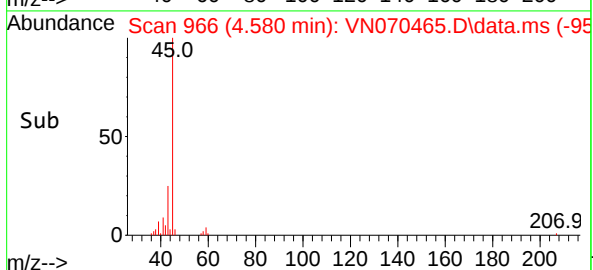
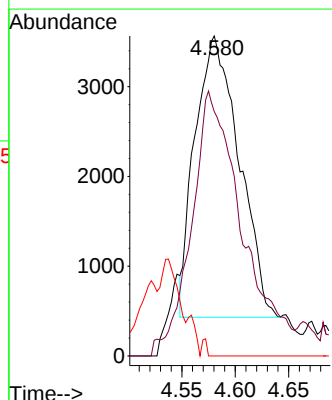
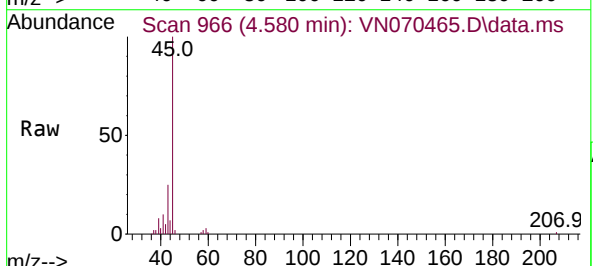
Tgt Ion: 41 Resp: 8999

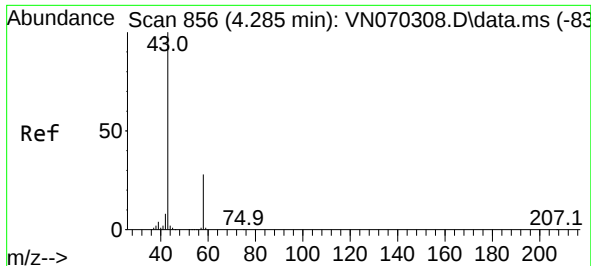
Ion Ratio Lower Upper

41 100

39 84.0 61.2 91.8

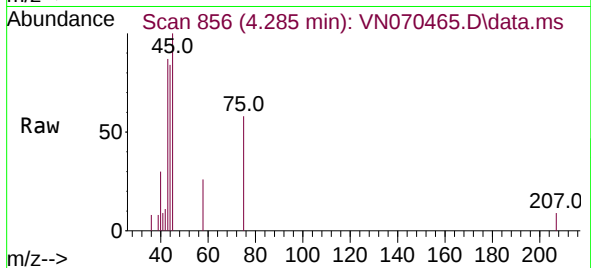
76 0.7 26.0 39.0#



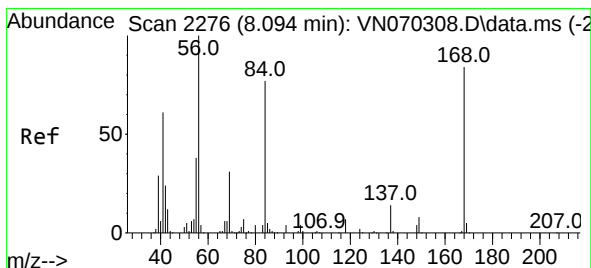
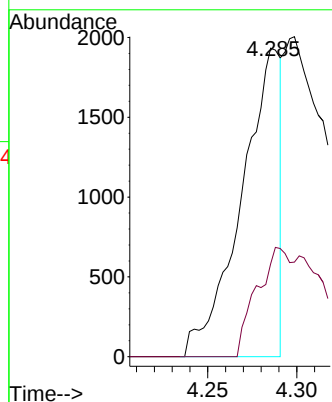
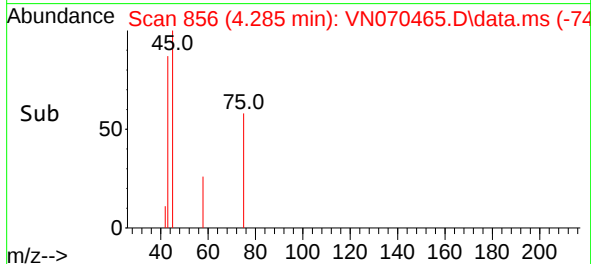


#16
Acetone
Concen: 0.314 ug/l
RT: 4.285 min Scan# 81
Delta R.T. 0.000 min
Lab File: VN070465.D
Acq: 4 Jan 2022 15:52

Instrument :
MSVOA_N
ClientSampleId :

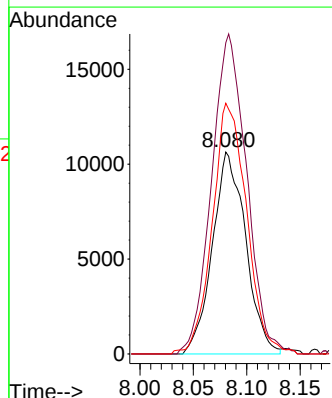
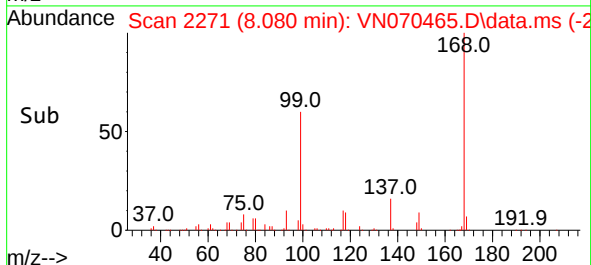
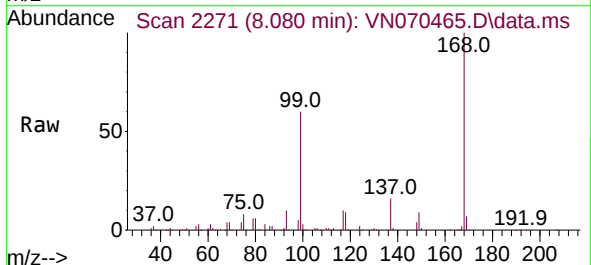


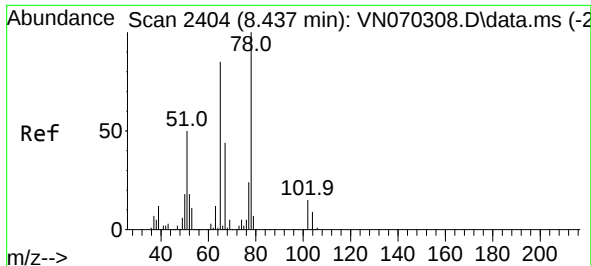
Tgt Ion: 43 Resp: 2957
Ion Ratio Lower Upper
43 100
58 30.1 23.1 34.7



#31
Cyclohexane
Concen: 1.005 ug/l
RT: 8.080 min Scan# 2271
Delta R.T. -0.014 min
Lab File: VN070465.D
Acq: 4 Jan 2022 15:52

Tgt Ion: 56 Resp: 23026
Ion Ratio Lower Upper
56 100
69 152.2 27.1 40.7#
84 122.2 73.4 110.0#





#33

1,2-Dichloroethane-d4

Concen: 52.560 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. 0.000 min

Lab File: VN070465.D

Acq: 4 Jan 2022 15:52

Instrument :

MSVOA_N

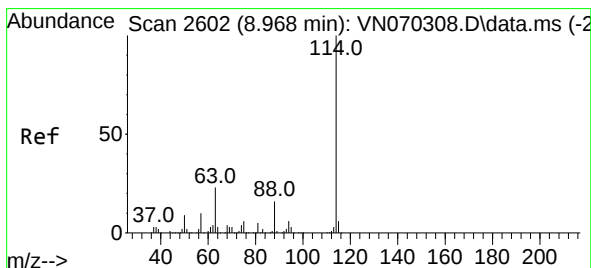
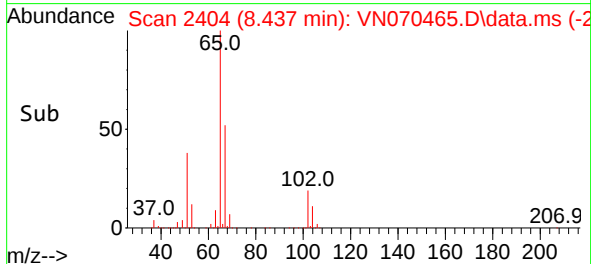
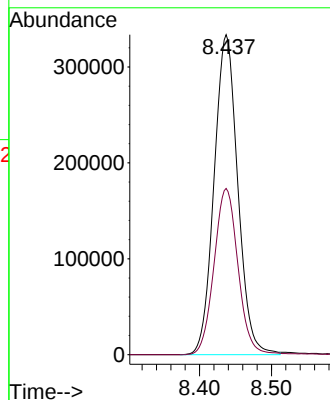
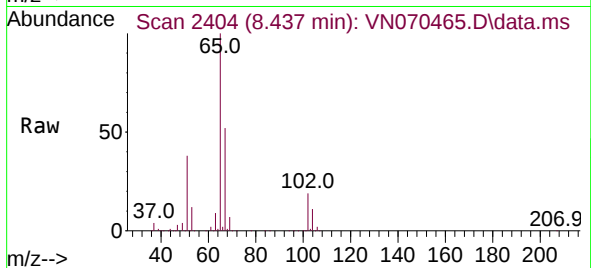
ClientSampleId :

Tgt Ion: 65 Resp: 763305

Ion Ratio Lower Upper

65 100

67 52.6 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.965 min Scan# 2601

Delta R.T. -0.003 min

Lab File: VN070465.D

Acq: 4 Jan 2022 15:52

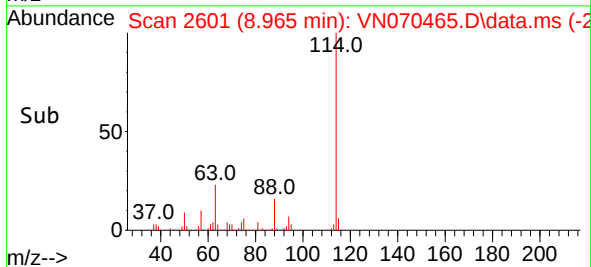
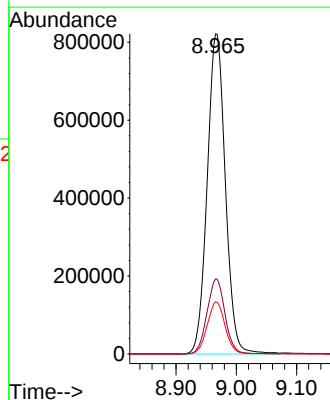
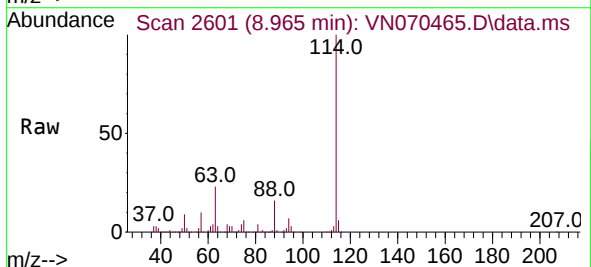
Tgt Ion: 114 Resp: 1719277

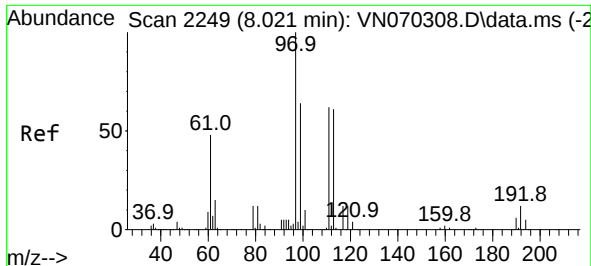
Ion Ratio Lower Upper

114 100

63 23.4 0.0 37.8

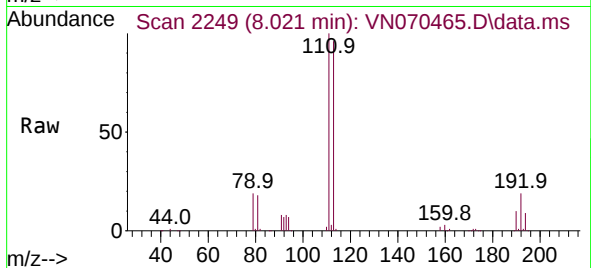
88 16.3 0.0 27.4



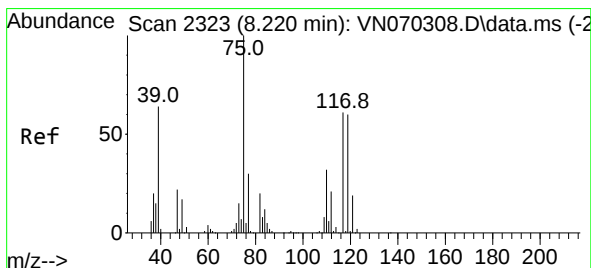
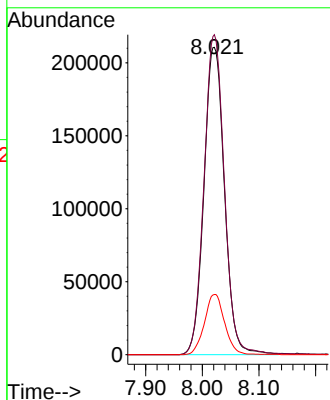
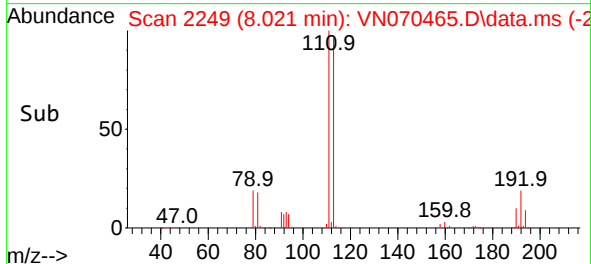


#35
Dibromofluoromethane
Concen: 51.047 ug/l
RT: 8.021 min Scan# 211
Delta R.T. 0.000 min
Lab File: VN070465.D
Acq: 4 Jan 2022 15:52

Instrument :
MSVOA_N
ClientSampleId :

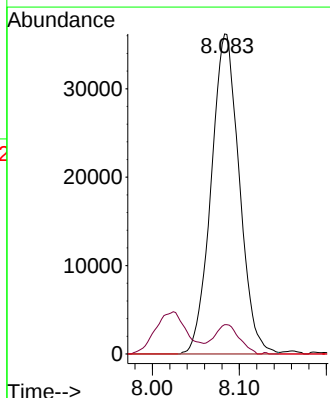
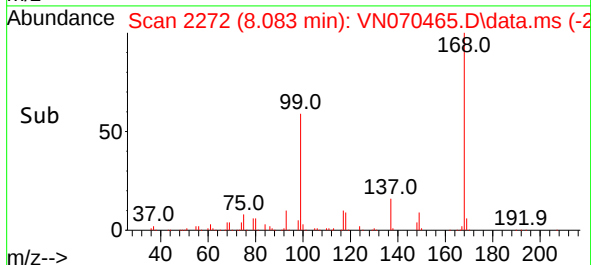
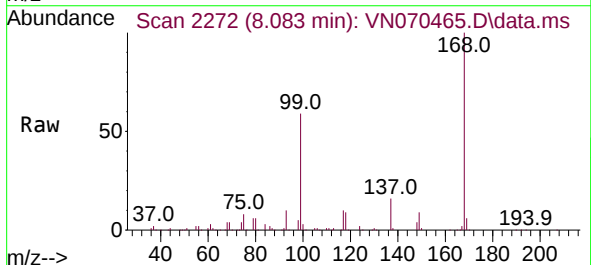


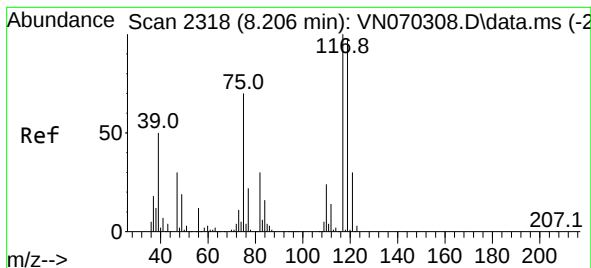
Tgt Ion:113 Resp: 531012
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.2
192 19.2 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.727 ug/l
RT: 8.083 min Scan# 2272
Delta R.T. -0.137 min
Lab File: VN070465.D
Acq: 4 Jan 2022 15:52

Tgt Ion: 75 Resp: 81353
Ion Ratio Lower Upper
75 100
110 8.1 18.4 55.2#
77 0.0 24.4 36.6#





#38

Carbon Tetrachloride

Concen: 6.067 ug/l

RT: 8.083 min Scan# 21

Delta R.T. -0.123 min

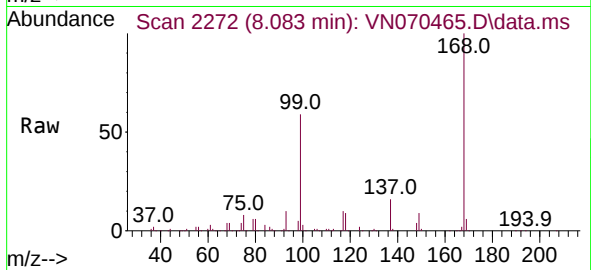
Lab File: VN070465.D

Acq: 4 Jan 2022 15:52

Instrument :

MSVOA_N

ClientSampleId :



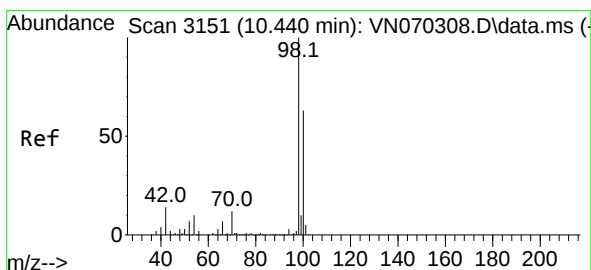
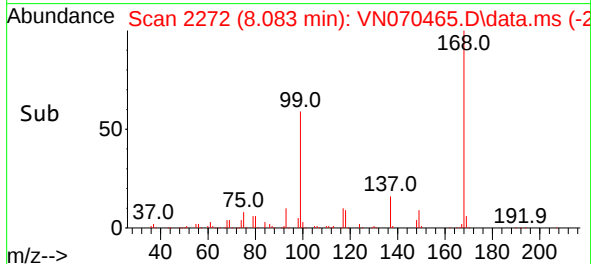
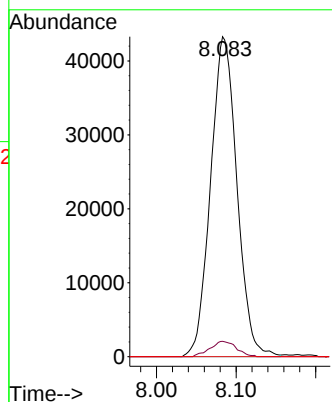
Tgt Ion:117 Resp: 99700

Ion Ratio Lower Upper

117 100

119 4.8 76.1 114.1#

121 0.0 24.2 36.2#



#50

Toluene-d8

Concen: 49.664 ug/l

RT: 10.440 min Scan# 3151

Delta R.T. 0.000 min

Lab File: VN070465.D

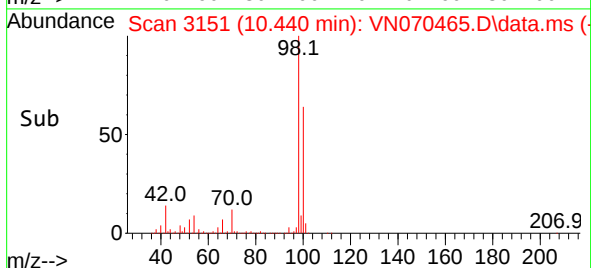
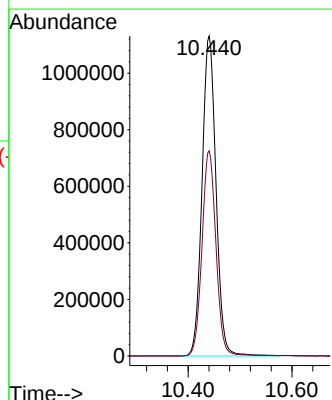
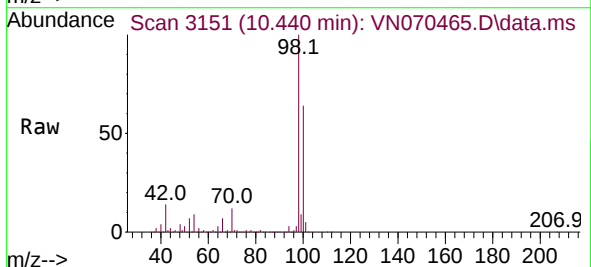
Acq: 4 Jan 2022 15:52

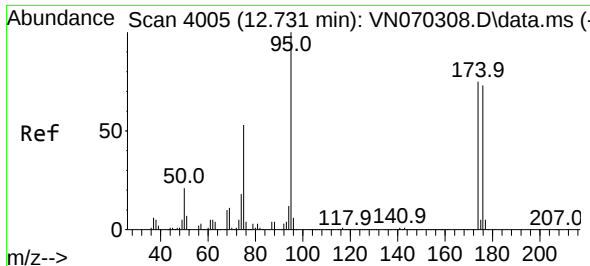
Tgt Ion: 98 Resp: 2110503

Ion Ratio Lower Upper

98 100

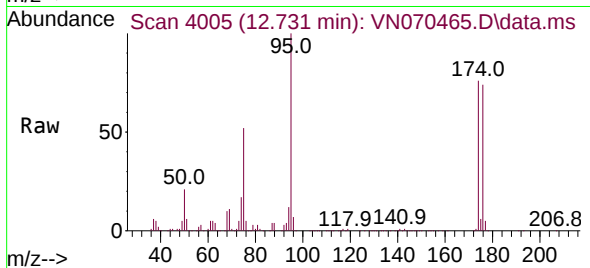
100 64.3 50.4 75.6



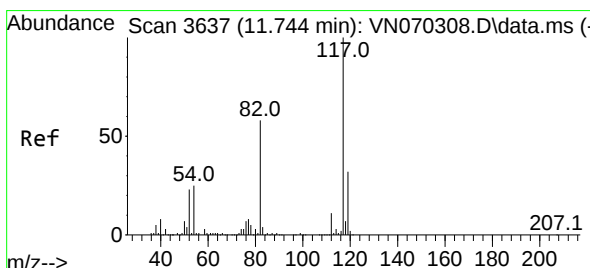
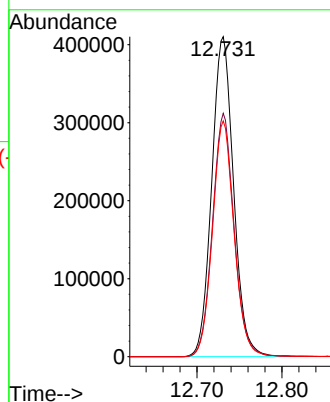
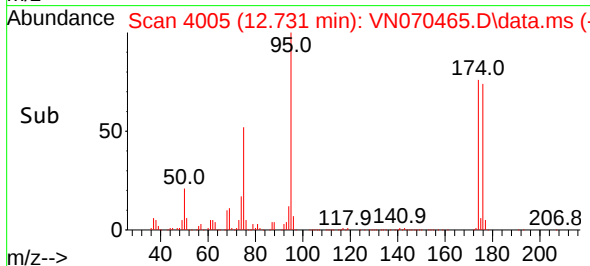


#62
4-Bromofluorobenzene
Concen: 47.757 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070465.D
Acq: 4 Jan 2022 15:52

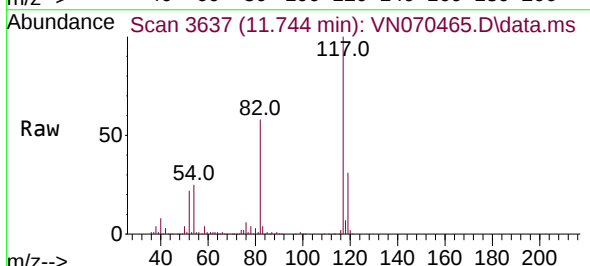
Instrument :
MSVOA_N
ClientSampleId :



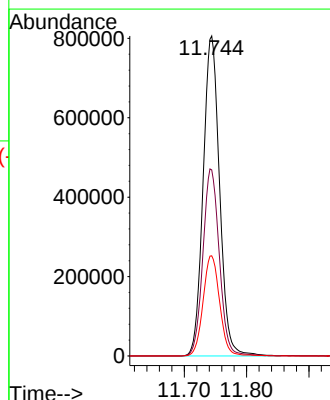
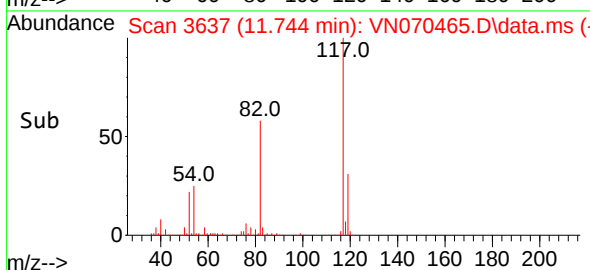
Tgt Ion: 95 Resp: 732994
Ion Ratio Lower Upper
95 100
174 75.5 0.0 187.2
176 72.9 0.0 181.4

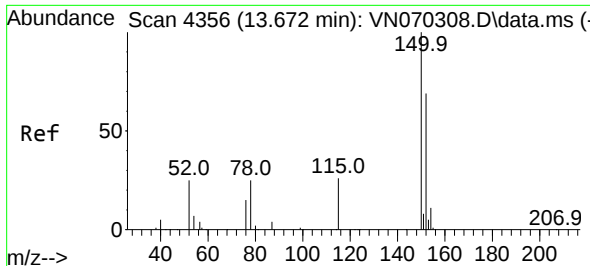


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.000 min
Lab File: VN070465.D
Acq: 4 Jan 2022 15:52



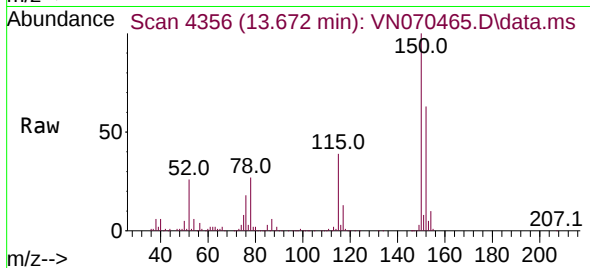
Tgt Ion: 117 Resp: 1477849
Ion Ratio Lower Upper
117 100
82 58.2 42.4 63.6
119 31.3 25.4 38.2



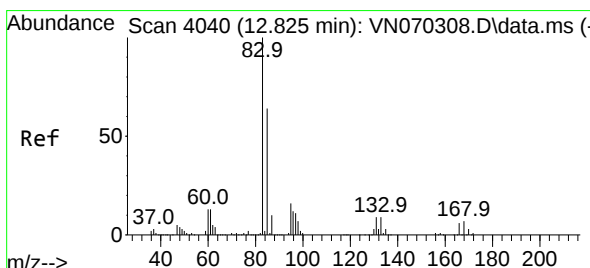
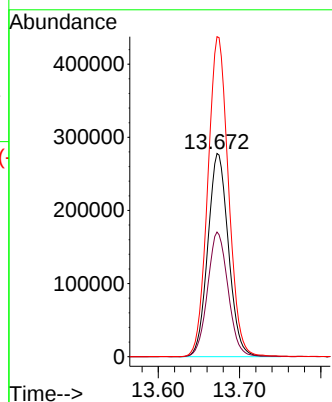
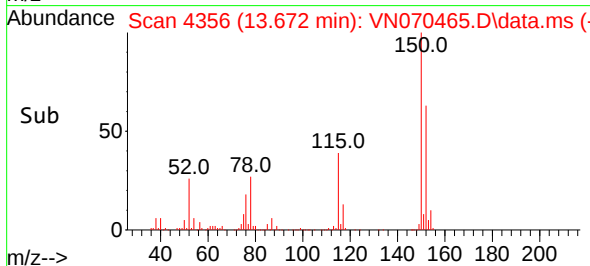


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.672 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VN070465.D
 Acq: 4 Jan 2022 15:52

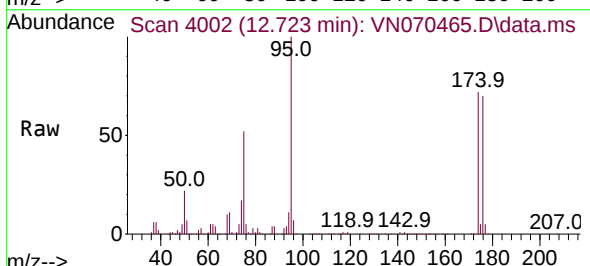
Instrument :
 MSVOA_N
 ClientSampleId :



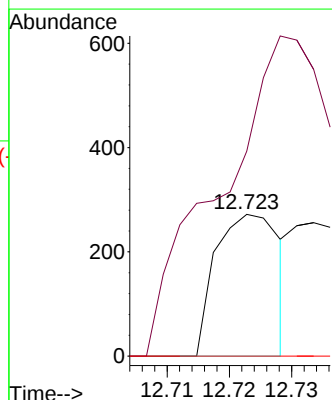
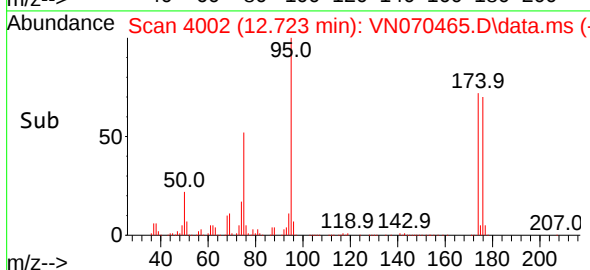
Tgt Ion:152 Resp: 490230
 Ion Ratio Lower Upper
 152 100
 115 61.1 27.5 82.5
 150 157.9 0.0 344.4

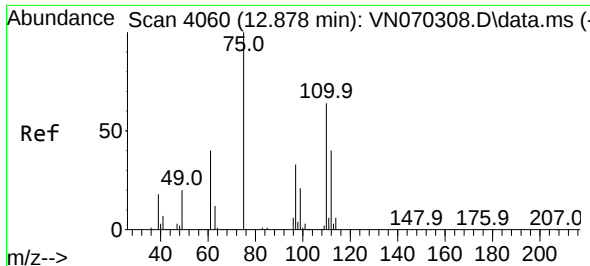


#75
 1,1,2,2-Tetrachloroethane
 Concen: 0.459 ug/l
 RT: 12.723 min Scan# 4002
 Delta R.T. -0.102 min
 Lab File: VN070465.D
 Acq: 4 Jan 2022 15:52



Tgt Ion: 83 Resp: 194
 Ion Ratio Lower Upper
 83 100
 131 441.8 5.5 16.5#
 85 0.0 32.4 97.2#

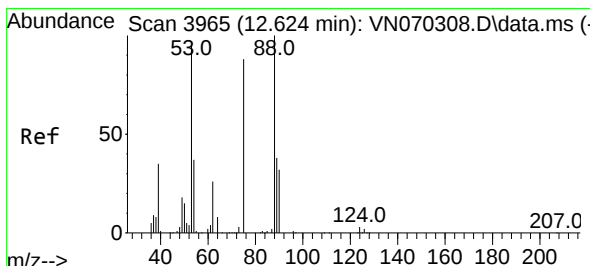
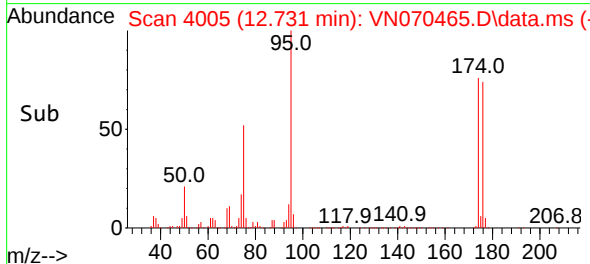
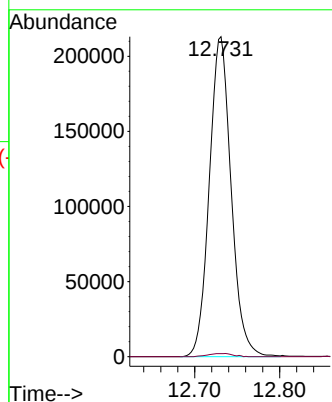
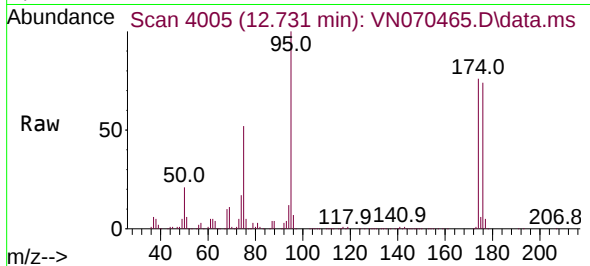




#76
1,2,3-Trichloropropane
Concen: 27.512 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.147 min
Lab File: VN070465.D
Acq: 4 Jan 2022 15:52

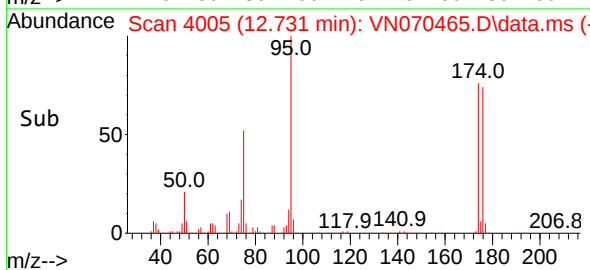
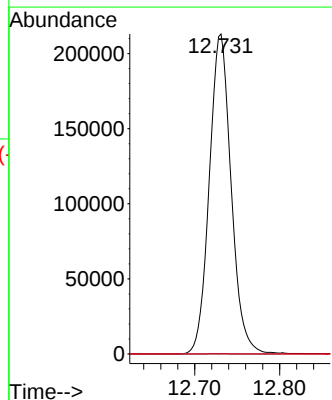
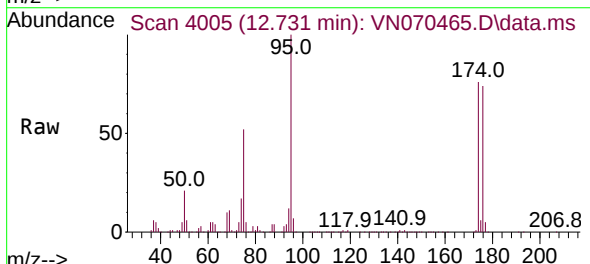
Instrument :
MSVOA_N
ClientSampleId :

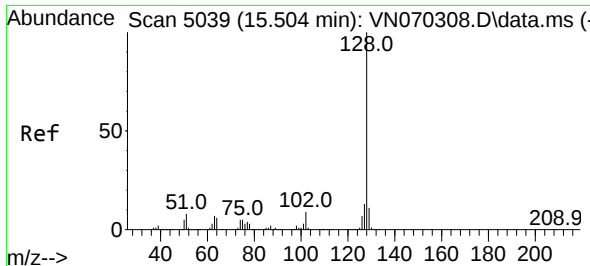
Tgt Ion: 75 Resp: 380407
Ion Ratio Lower Upper
75 100
77 1.1 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 94.806 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.107 min
Lab File: VN070465.D
Acq: 4 Jan 2022 15:52

Tgt Ion: 75 Resp: 380407
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#

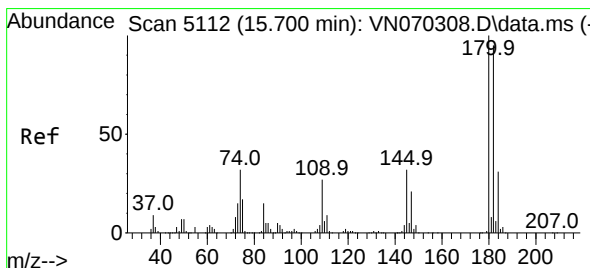
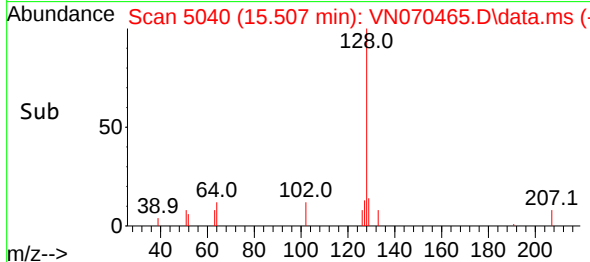
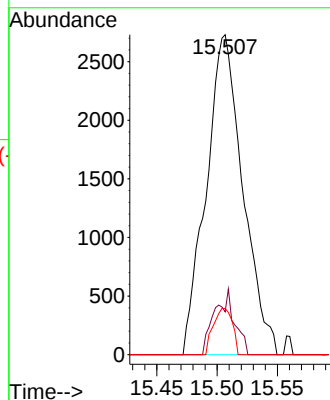
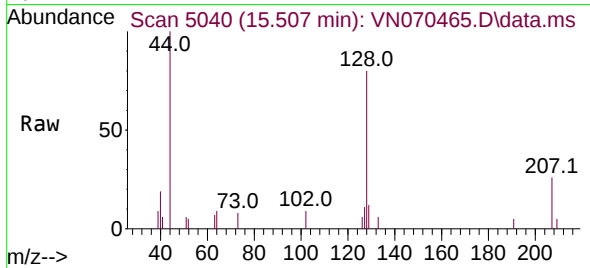




#95
Naphthalene
Concen: 2.046 ug/l
RT: 15.507 min Scan# 5039
Delta R.T. 0.003 min
Lab File: VN070465.D
Acq: 4 Jan 2022 15:52

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 5781
Ion Ratio Lower Upper
128 100
127 11.1 10.5 15.7
129 7.5 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 0.833 ug/l
RT: 15.708 min Scan# 5115
Delta R.T. 0.008 min
Lab File: VN070465.D
Acq: 4 Jan 2022 15:52

Tgt Ion:180 Resp: 57
Ion Ratio Lower Upper
180 100
182 242.1 47.4 142.2#
145 0.0 15.0 45.1#

