

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011122\
 Data File : VN070561.D
 Acq On : 11 Jan 2022 11:12
 Operator : JC/MD
 Sample : VN0111WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 12 05:57:39 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)

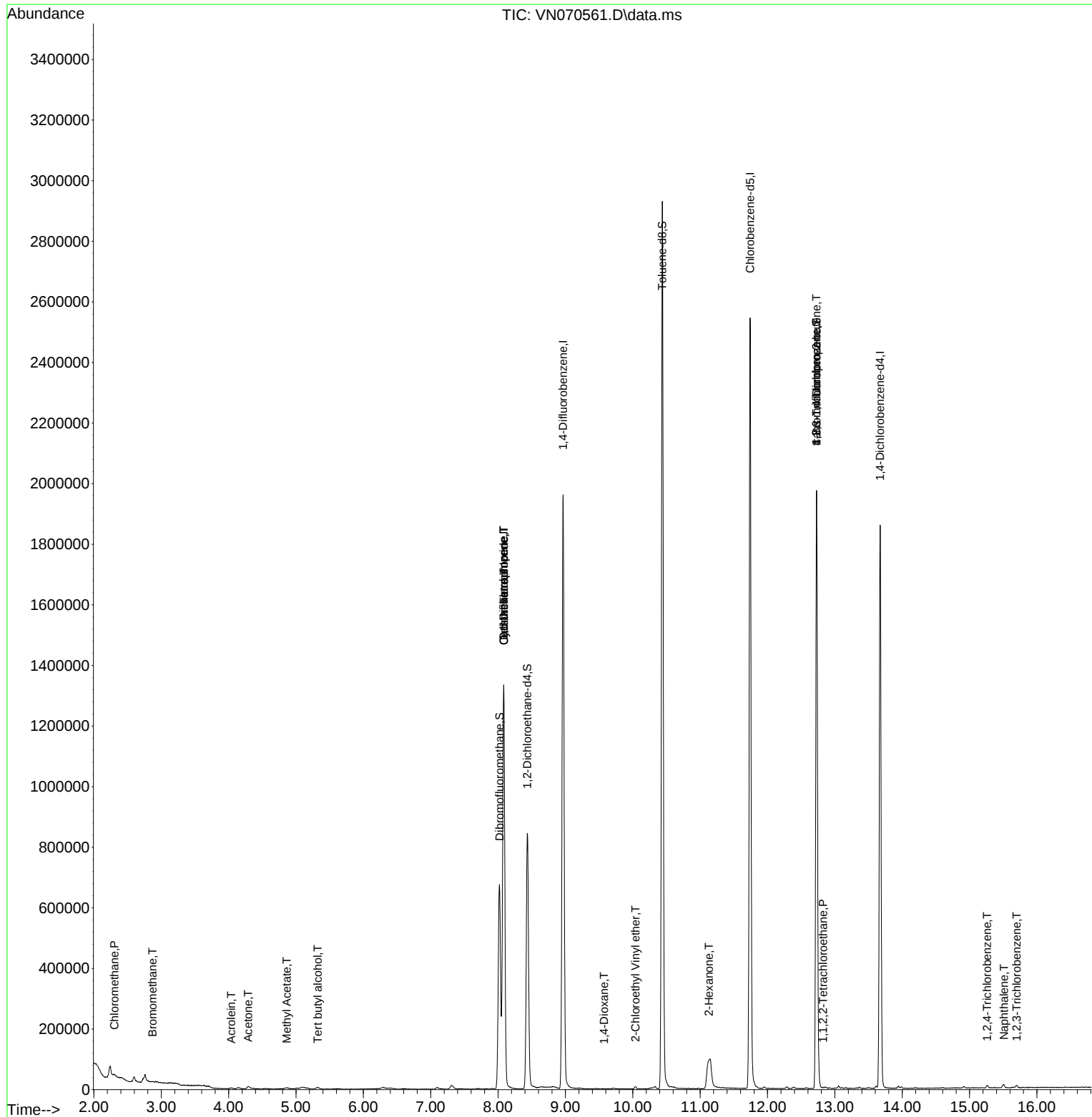
Internal Standards						
1) Pentafluorobenzene	8.083	168	1041170	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1727527	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.741	117	1499529	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	520884	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	710197	47.441	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.880%
35) Dibromofluoromethane	8.021	113	513484	49.126	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.260%
50) Toluene-d8	10.438	98	2062178	48.296	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.600%
62) 4-Bromofluorobenzene	12.728	95	741322	48.069	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	96.140%
Target Compounds						
					Qvalue	
3) Chloromethane	2.303	50	3659	0.228	ug/l	92
5) Bromomethane	2.869	94	1986	0.263	ug/l	85
11) Tert butyl alcohol	5.323	59	6012	2.412	ug/l #	71
13) Acrolein	4.038	56	1542	0.762	ug/l #	71
16) Acetone	4.288	43	5388	0.554	ug/l	98
18) Methyl Acetate	4.862	43	8802	0.313	ug/l #	70
31) Cyclohexane	8.085	56	23513	0.995	ug/l #	1
36) 1,1-Dichloropropene	8.083	75	83008	4.801	ug/l #	49
38) Carbon Tetrachloride	8.085	117	99401	6.020	ug/l #	16
49) 1,4-Dioxane	9.574	88	56	0.227	ug/l #	27
58) 2-Chloroethyl Vinyl ether	10.038	63	4015	19.207	ug/l #	87
59) 2-Hexanone	11.130	43	35461	2.190	ug/l #	25
75) 1,1,2,2-Tetrachloroethane	12.825	83	1317	0.521	ug/l #	69
76) 1,2,3-Trichloropropane	12.728	75	379718	26.011	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.728	75	379718	89.065	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.260	180	3080	0.359	ug/l	98
95) Naphthalene	15.509	128	10992	2.243	ug/l	98
96) 1,2,3-Trichlorobenzene	15.700	180	3580	1.255	ug/l	98

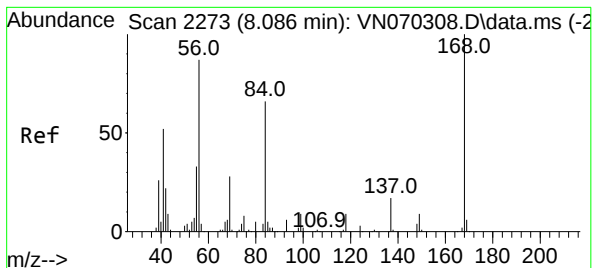
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 12 05:57:39 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: VN070561.D

Acq: 11 Jan 2022 11:12

Instrument :

MSVOA_N

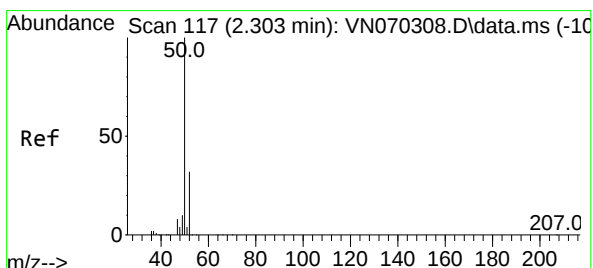
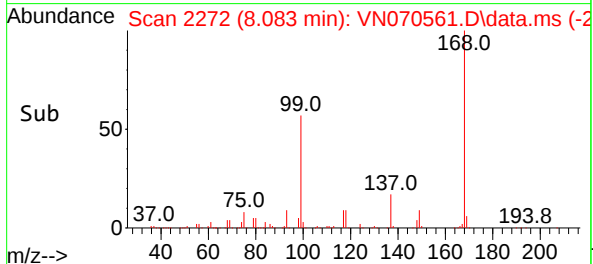
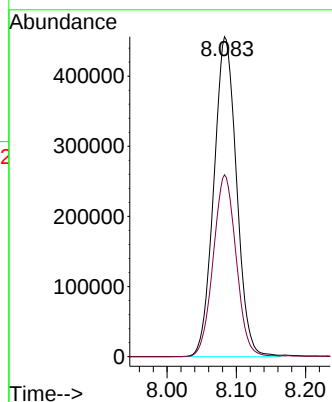
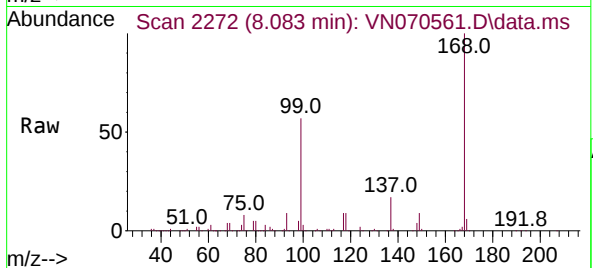
ClientSampleId :

Tgt Ion:168 Resp: 1041170

Ion Ratio Lower Upper

168 100

99 56.8 41.3 61.9



#3

Chloromethane

Concen: 0.228 ug/l

RT: 2.303 min Scan# 117

Delta R.T. 0.000 min

Lab File: VN070561.D

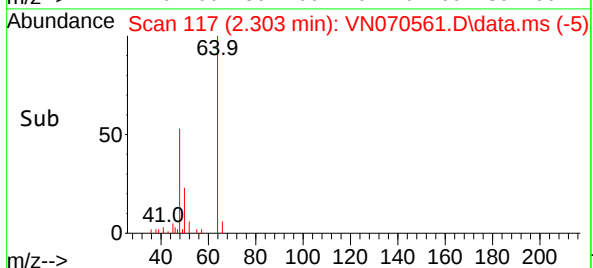
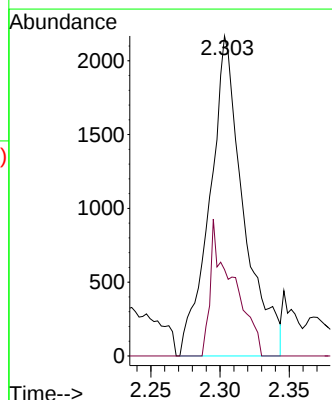
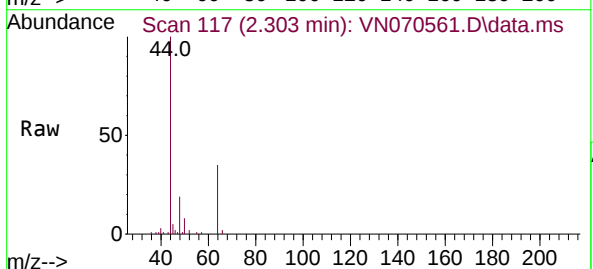
Acq: 11 Jan 2022 11:12

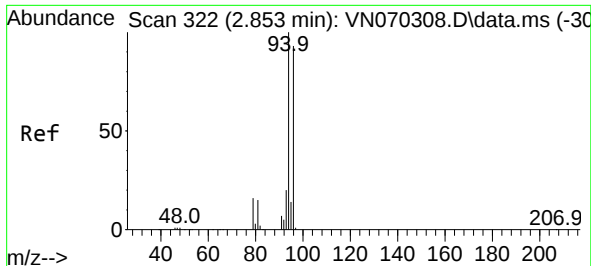
Tgt Ion: 50 Resp: 3659

Ion Ratio Lower Upper

50 100

52 27.0 25.4 38.0

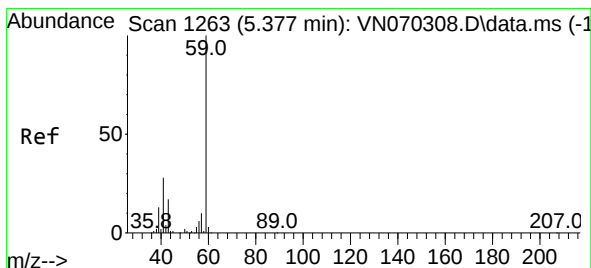
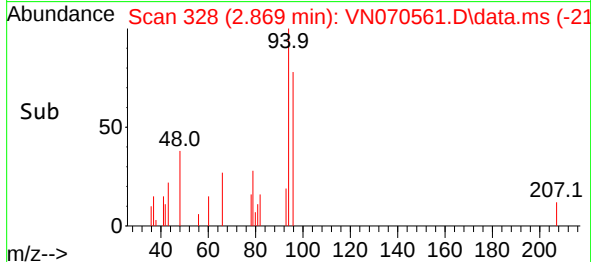
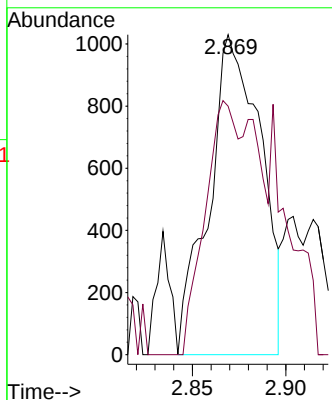
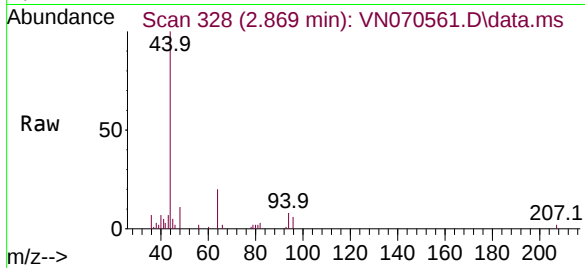




#5
Bromomethane
Concen: 0.263 ug/l
RT: 2.869 min Scan# 31
Delta R.T. 0.016 min
Lab File: VN070561.D
Acq: 11 Jan 2022 11:12

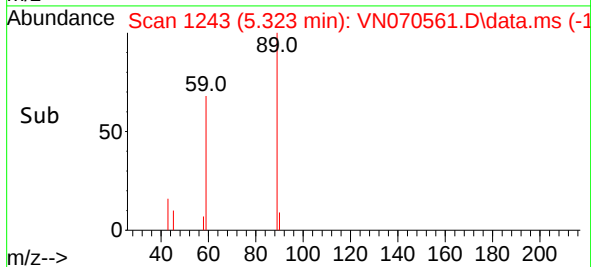
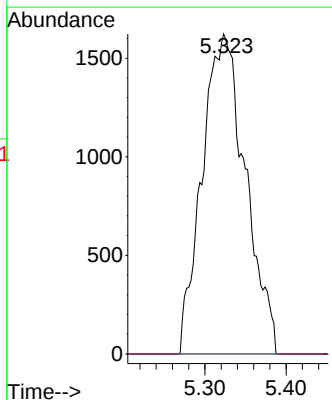
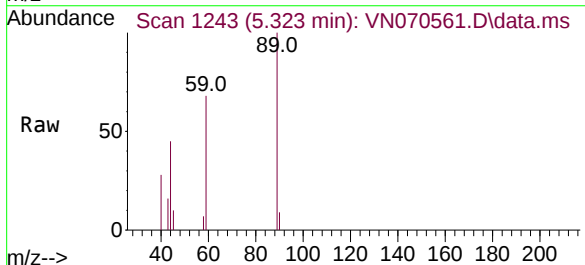
Instrument :
MSVOA_N
ClientSampleId :

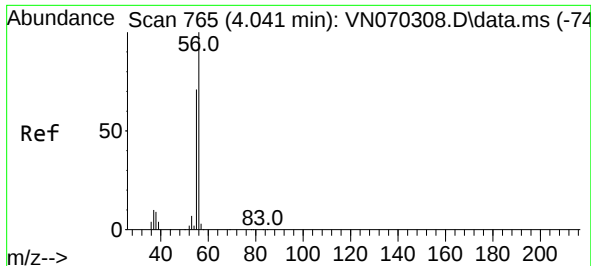
Tgt Ion: 94 Resp: 1986
Ion Ratio Lower Upper
94 100
96 77.7 73.8 110.8



#11
Tert butyl alcohol
Concen: 2.412 ug/l
RT: 5.323 min Scan# 1243
Delta R.T. -0.054 min
Lab File: VN070561.D
Acq: 11 Jan 2022 11:12

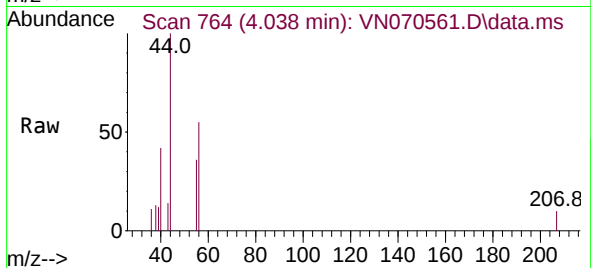
Tgt Ion: 59 Resp: 6012
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



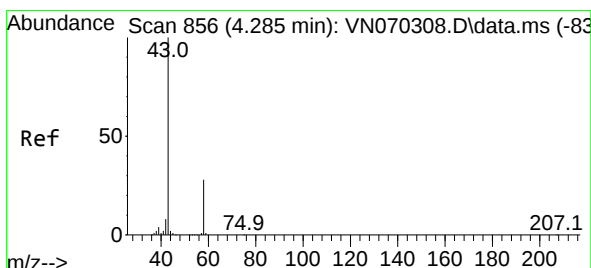
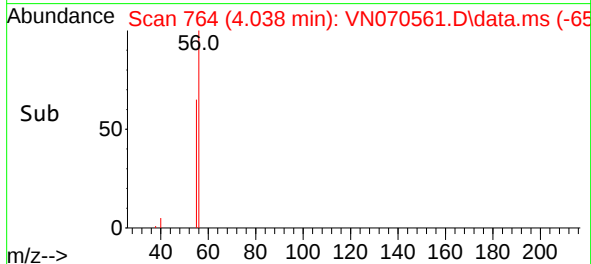
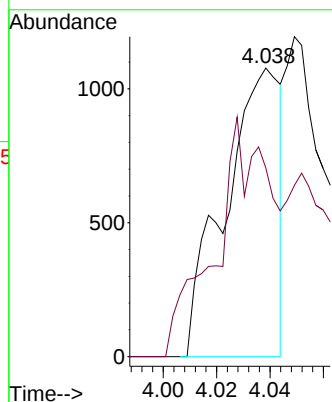


#13
Acrolein
Concen: 0.762 ug/l
RT: 4.038 min Scan# 764
Delta R.T. -0.003 min
Lab File: VN070561.D
Acq: 11 Jan 2022 11:12

Instrument :
MSVOA_N
ClientSampleId :

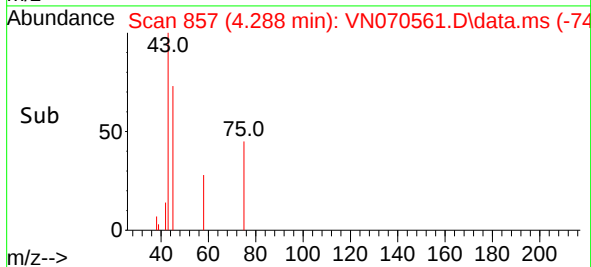
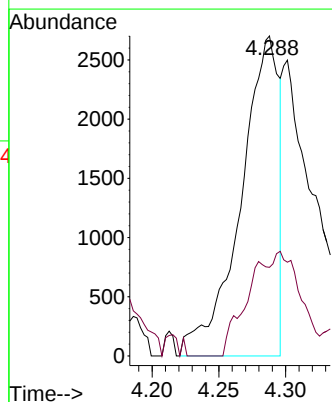
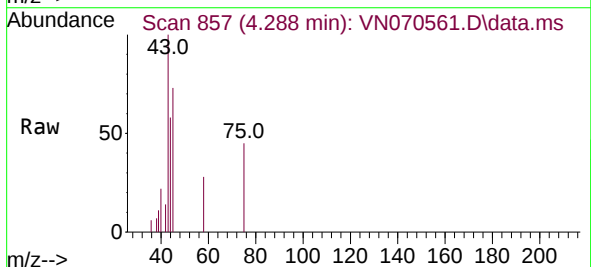


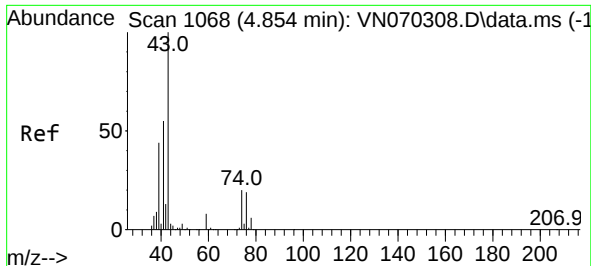
Tgt Ion: 56 Resp: 1542
Ion Ratio Lower Upper
56 100
55 47.0 56.6 85.0#



#16
Acetone
Concen: 0.554 ug/l
RT: 4.288 min Scan# 857
Delta R.T. 0.003 min
Lab File: VN070561.D
Acq: 11 Jan 2022 11:12

Tgt Ion: 43 Resp: 5388
Ion Ratio Lower Upper
43 100
58 27.7 23.1 34.7





#18

Methyl Acetate

Concen: 0.313 ug/l

RT: 4.862 min Scan# 1068

Delta R.T. 0.008 min

Lab File: VN070561.D

Acq: 11 Jan 2022 11:12

Instrument :

MSVOA_N

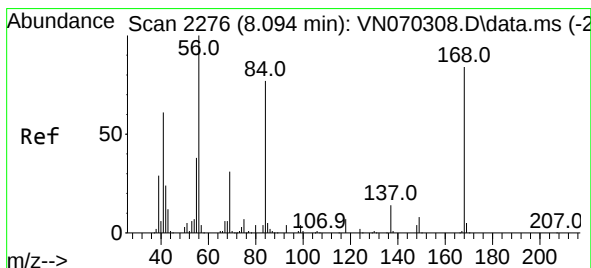
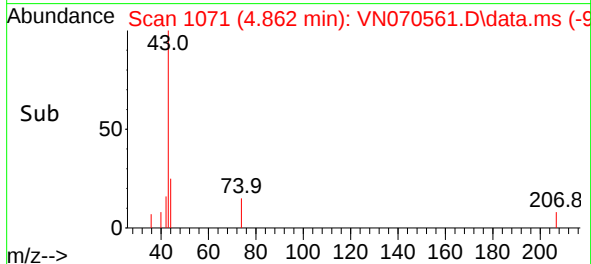
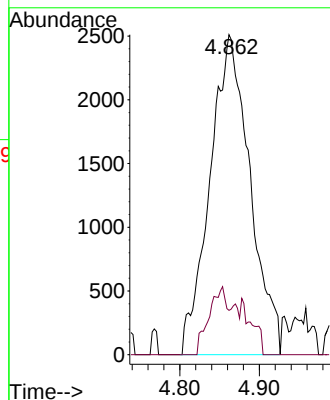
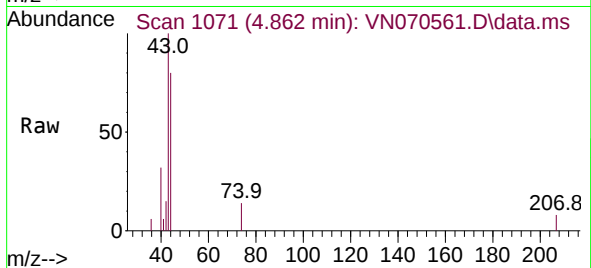
ClientSampleId :

Tgt Ion: 43 Resp: 8802

Ion Ratio Lower Upper

43 100

74 9.6 19.4 29.2#



#31

Cyclohexane

Concen: 0.995 ug/l

RT: 8.085 min Scan# 2273

Delta R.T. -0.008 min

Lab File: VN070561.D

Acq: 11 Jan 2022 11:12

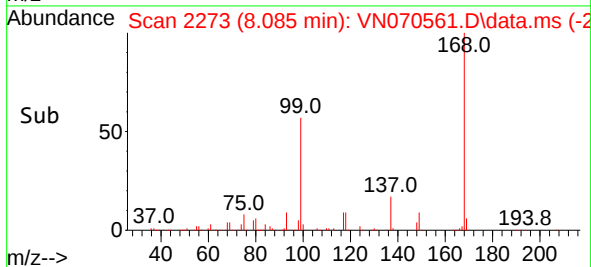
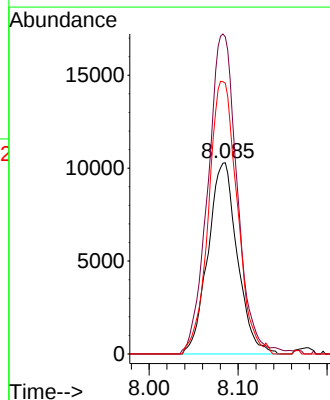
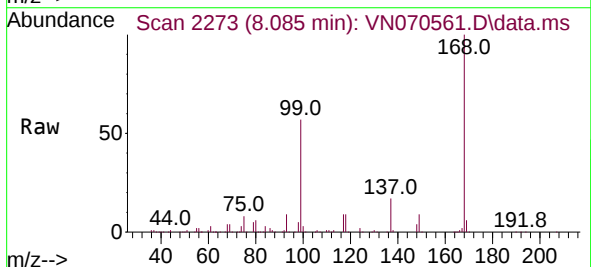
Tgt Ion: 56 Resp: 23513

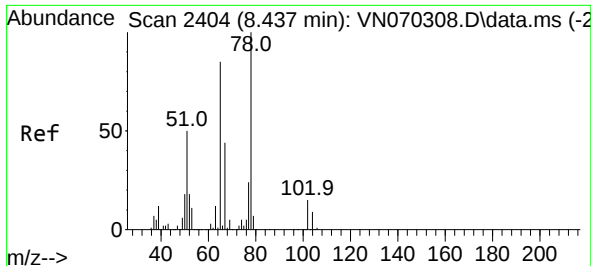
Ion Ratio Lower Upper

56 100

69 165.8 27.1 40.7#

84 141.6 73.4 110.0#





#33

1,2-Dichloroethane-d4

Concen: 47.441 ug/l

RT: 8.434 min Scan# 2404

Delta R.T. -0.003 min

Lab File: VN070561.D

Acq: 11 Jan 2022 11:12

Instrument :

MSVOA_N

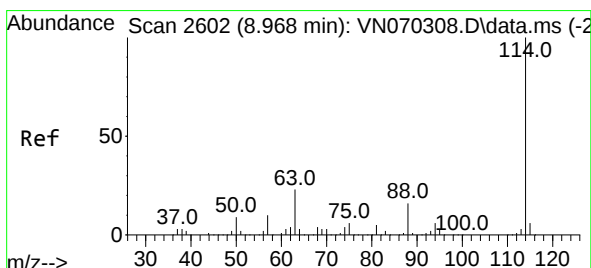
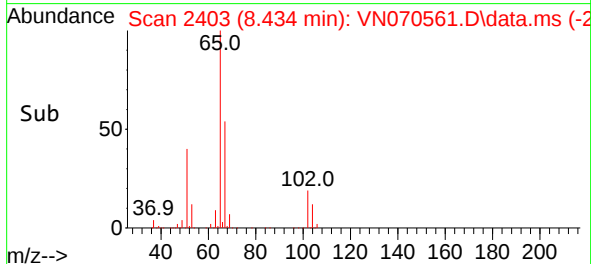
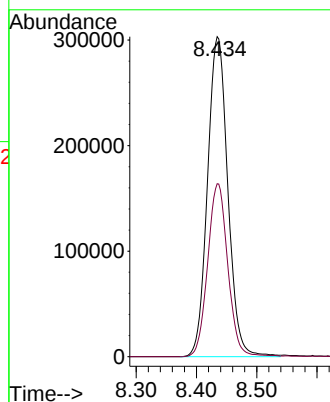
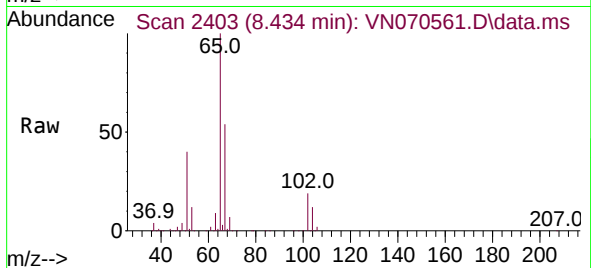
ClientSampleId :

Tgt Ion: 65 Resp: 710197

Ion Ratio Lower Upper

65 100

67 53.6 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: VN070561.D

Acq: 11 Jan 2022 11:12

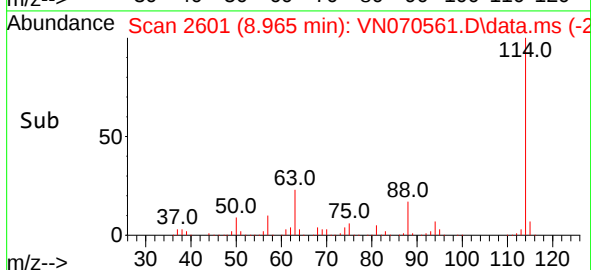
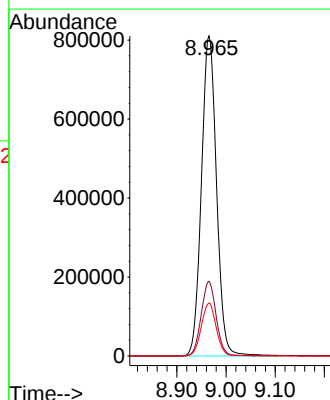
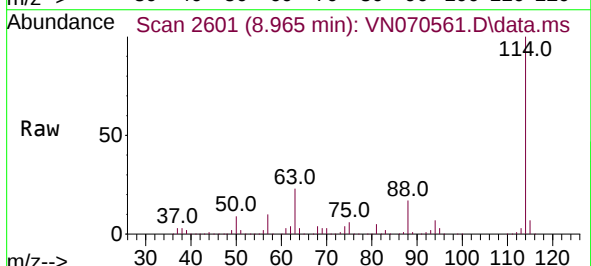
Tgt Ion: 114 Resp: 1727527

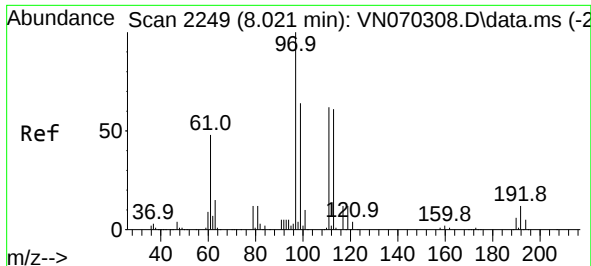
Ion Ratio Lower Upper

114 100

63 23.3 0.0 37.8

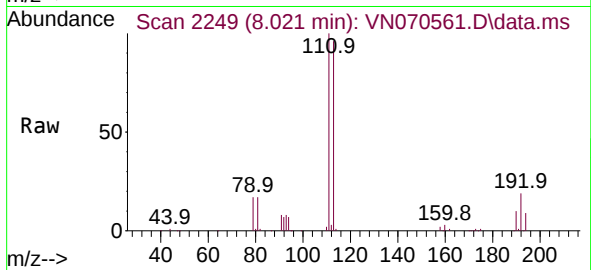
88 16.6 0.0 27.4



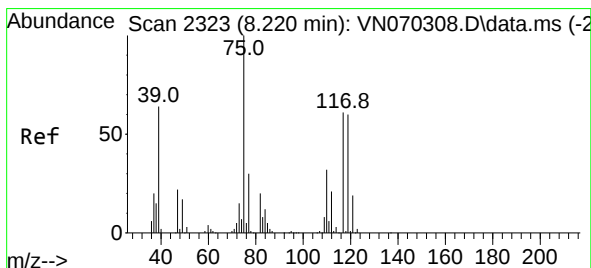
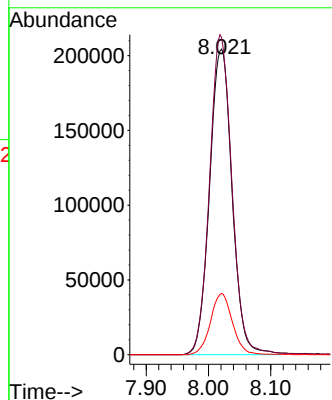
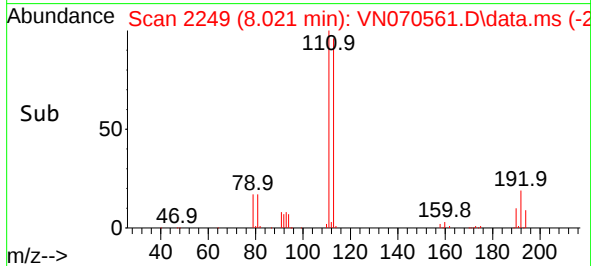


#35
 Dibromofluoromethane
 Concen: 49.126 ug/l
 RT: 8.021 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN070561.D
 Acq: 11 Jan 2022 11:12

Instrument :
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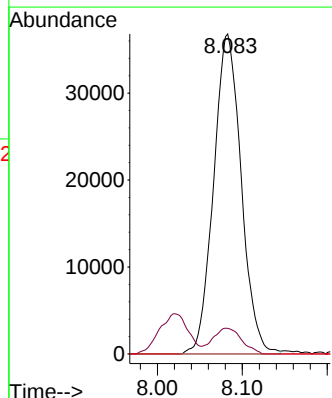
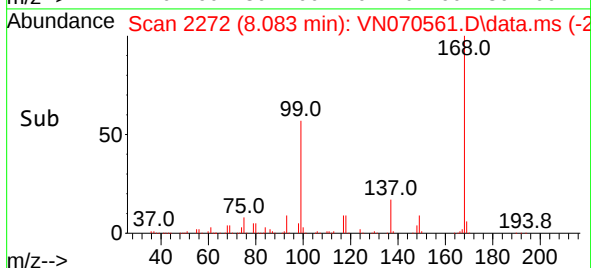
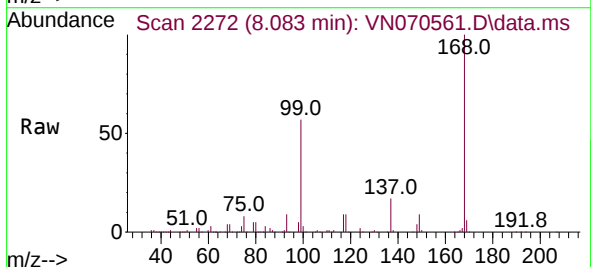


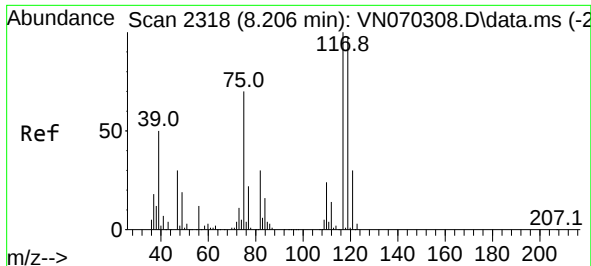
Tgt Ion:113 Resp: 513484
 Ion Ratio Lower Upper
 113 100
 111 103.8 82.2 123.2
 192 19.5 16.9 25.3



#36
 1,1-Dichloropropene
 Concen: 4.801 ug/l
 RT: 8.083 min Scan# 2272
 Delta R.T. -0.137 min
 Lab File: VN070561.D
 Acq: 11 Jan 2022 11:12

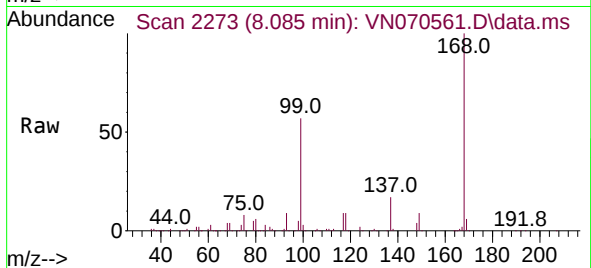
Tgt Ion: 75 Resp: 83008
 Ion Ratio Lower Upper
 75 100
 110 8.4 18.4 55.2#
 77 0.0 24.4 36.6#



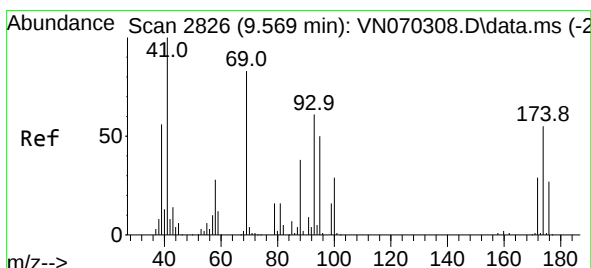
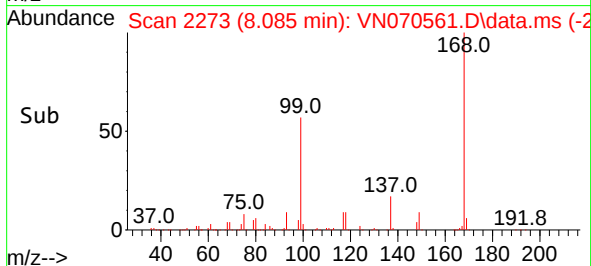
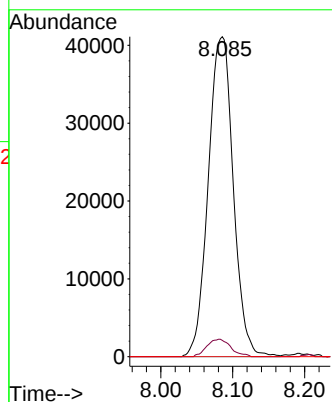


#38
Carbon Tetrachloride
Concen: 6.020 ug/l
RT: 8.085 min Scan# 211
Delta R.T. -0.120 min
Lab File: VN070561.D
Acq: 11 Jan 2022 11:12

Instrument :
MSVOA_N
ClientSampleId :

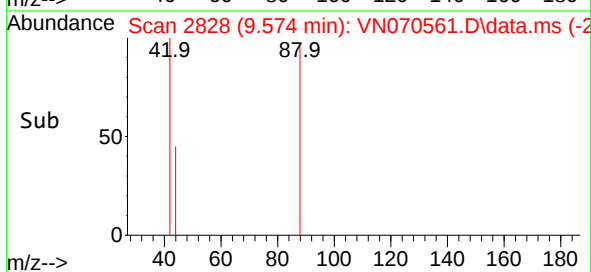
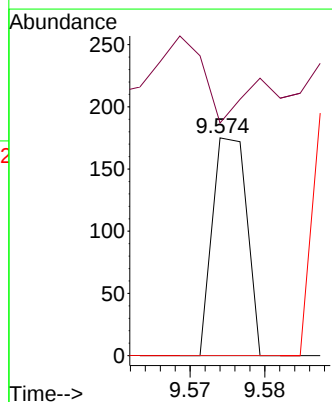
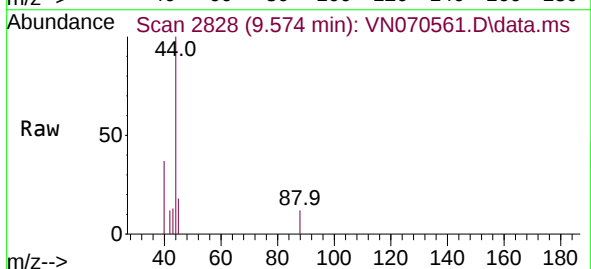


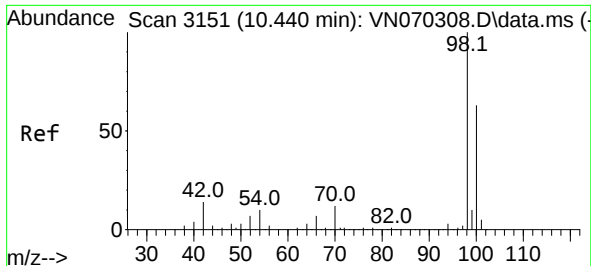
Tgt Ion:117 Resp: 99401
Ion Ratio Lower Upper
117 100
119 5.1 76.1 114.1#
121 0.0 24.2 36.2#



#49
1,4-Dioxane
Concen: 0.227 ug/l
RT: 9.574 min Scan# 2828
Delta R.T. 0.005 min
Lab File: VN070561.D
Acq: 11 Jan 2022 11:12

Tgt Ion: 88 Resp: 56
Ion Ratio Lower Upper
88 100
43 0.0 23.4 35.2#
58 0.0 50.6 75.8#

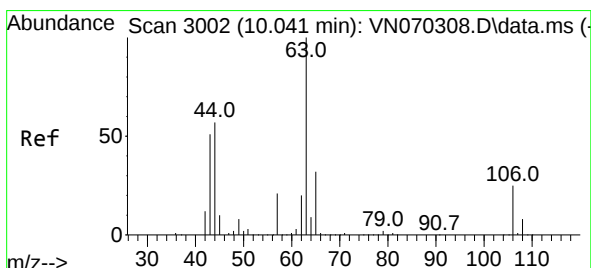
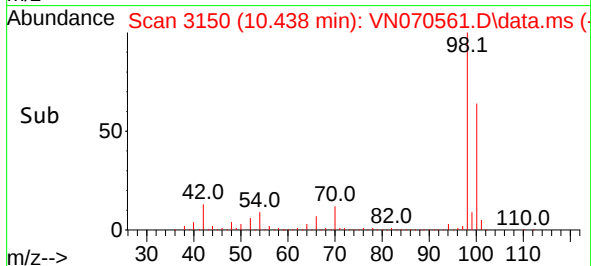
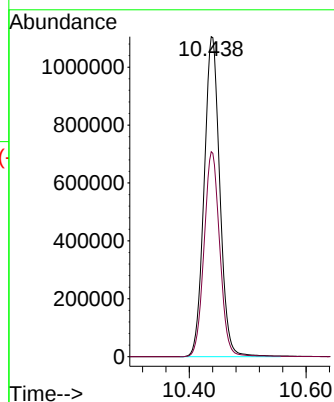
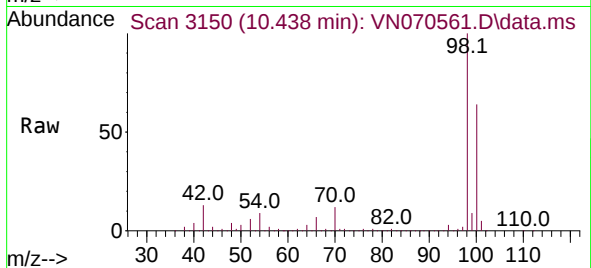




#50
Toluene-d8
Concen: 48.296 ug/l
RT: 10.438 min Scan# 3151
Delta R.T. -0.002 min
Lab File: VN070561.D
Acq: 11 Jan 2022 11:12

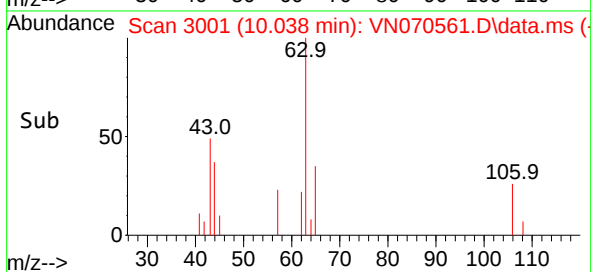
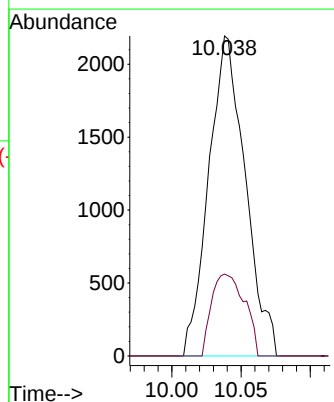
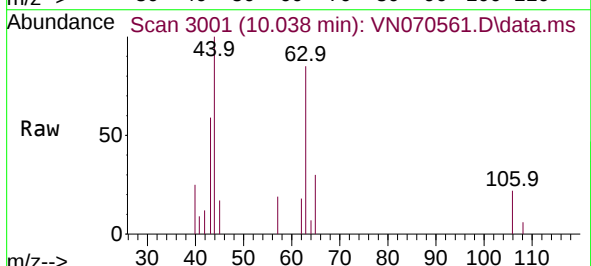
Instrument :
MSVOA_N
ClientSampleId :

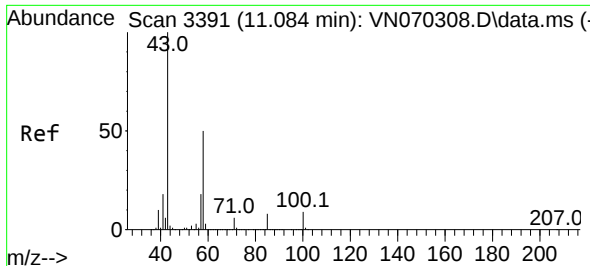
Tgt Ion: 98 Resp: 2062178
Ion Ratio Lower Upper
98 100
100 64.1 50.4 75.6



#58
2-Chloroethyl Vinyl ether
Concen: 19.207 ug/l
RT: 10.038 min Scan# 3001
Delta R.T. -0.003 min
Lab File: VN070561.D
Acq: 11 Jan 2022 11:12

Tgt Ion: 63 Resp: 4015
Ion Ratio Lower Upper
63 100
106 23.1 23.9 35.9#

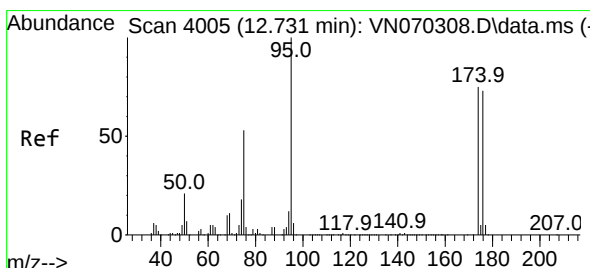
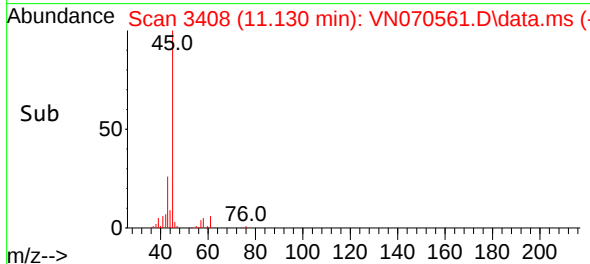
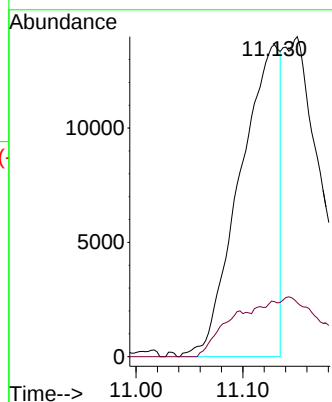
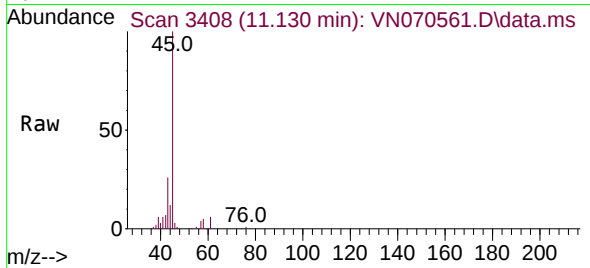




#59
2-Hexanone
Concen: 2.190 ug/l
RT: 11.130 min Scan# 34
Delta R.T. 0.046 min
Lab File: VN070561.D
Acq: 11 Jan 2022 11:12

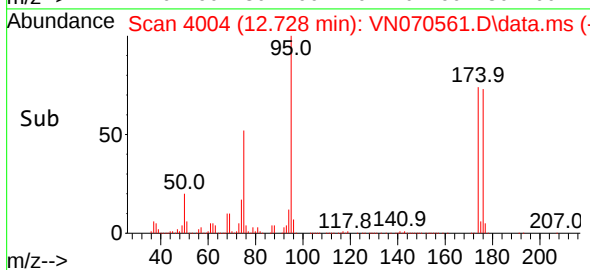
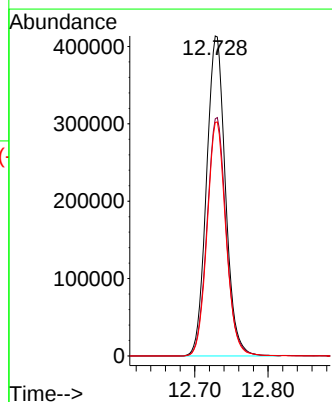
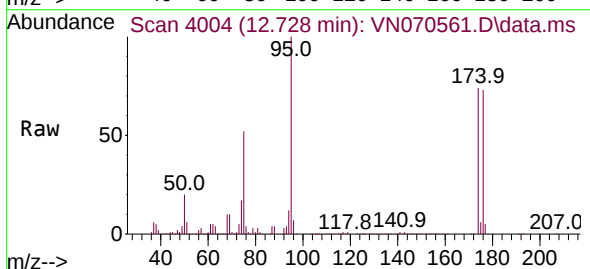
Instrument :
MSVOA_N
ClientSampleId :

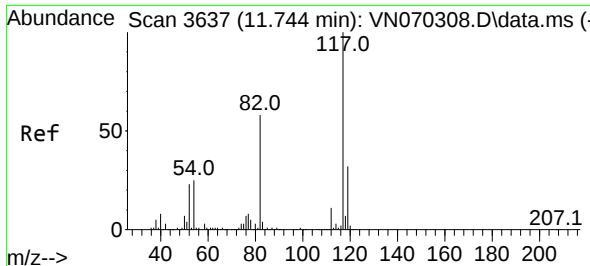
Tgt Ion: 43 Resp: 35461
Ion Ratio Lower Upper
43 100
58 0.0 26.9 80.7#



#62
4-Bromofluorobenzene
Concen: 48.069 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. -0.003 min
Lab File: VN070561.D
Acq: 11 Jan 2022 11:12

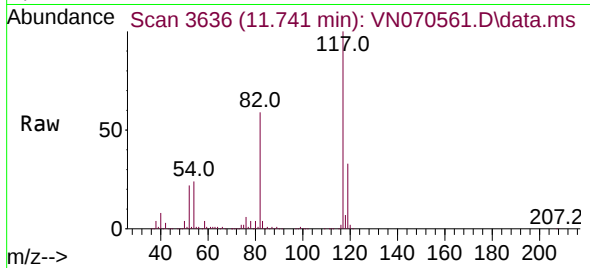
Tgt Ion: 95 Resp: 741322
Ion Ratio Lower Upper
95 100
174 75.5 0.0 187.2
176 72.8 0.0 181.4



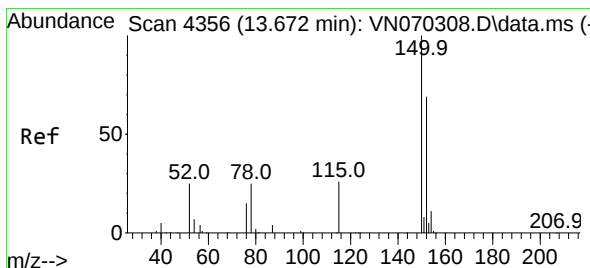
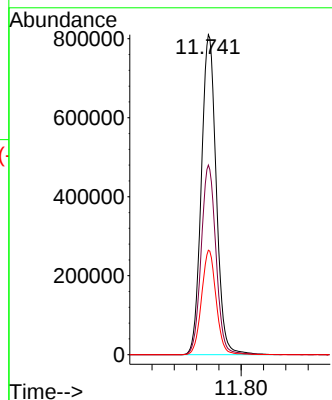
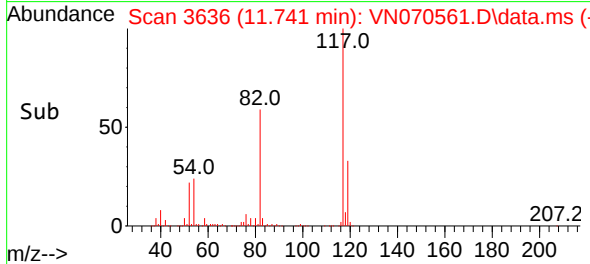


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.741 min Scan# 3636
Delta R.T. -0.003 min
Lab File: VN070561.D
Acq: 11 Jan 2022 11:12

Instrument :
MSVOA_N
ClientSampleId :

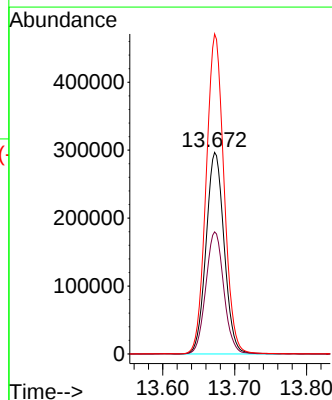
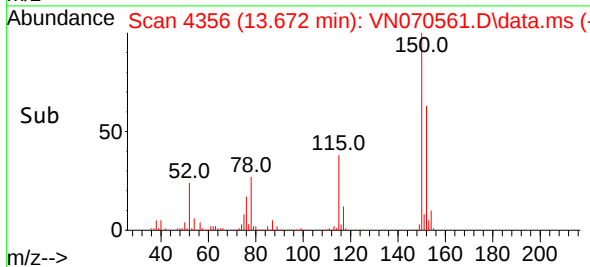
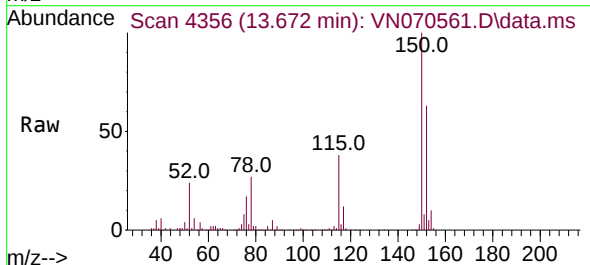


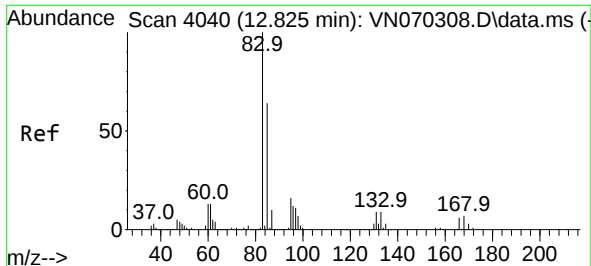
Tgt Ion:117 Resp: 1499529
Ion Ratio Lower Upper
117 100
82 59.3 42.4 63.6
119 32.7 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.672 min Scan# 4356
Delta R.T. 0.000 min
Lab File: VN070561.D
Acq: 11 Jan 2022 11:12

Tgt Ion:152 Resp: 520884
Ion Ratio Lower Upper
152 100
115 60.4 27.5 82.5
150 156.1 0.0 344.4

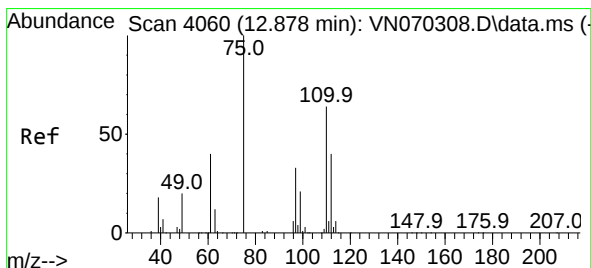
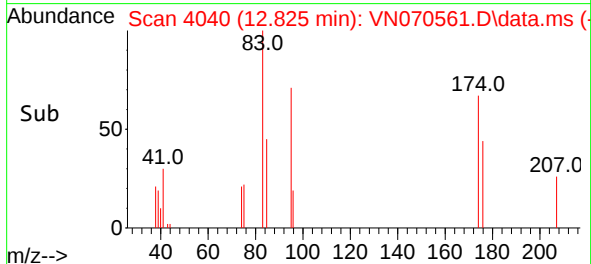
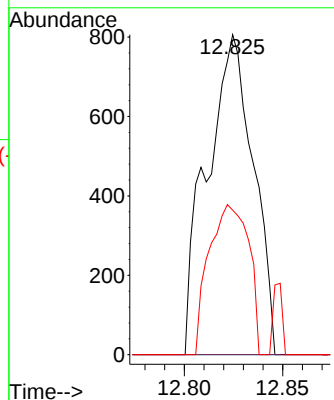
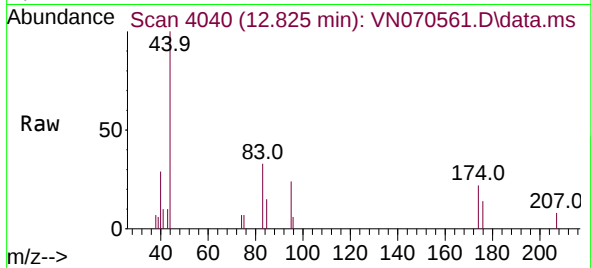




#75
 1,1,2,2-Tetrachloroethane
 Concen: 0.521 ug/l
 RT: 12.825 min Scan# 4040
 Delta R.T. -0.000 min
 Lab File: VN070561.D
 Acq: 11 Jan 2022 11:12

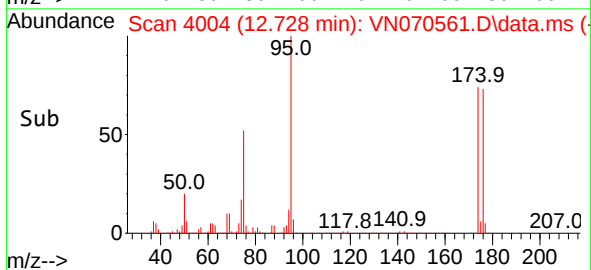
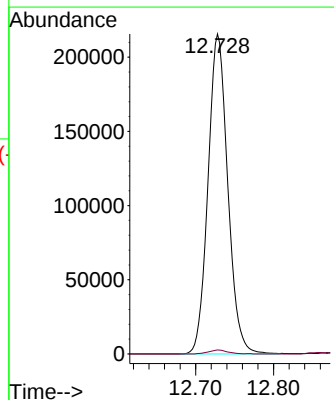
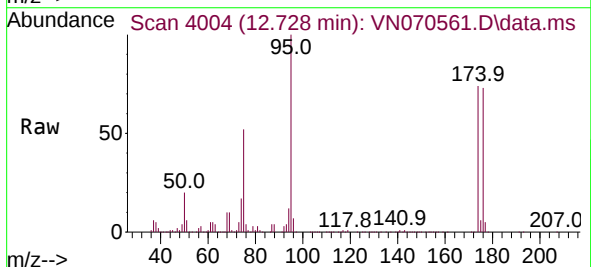
Instrument :
 MSVOA_N
 ClientSampleId :

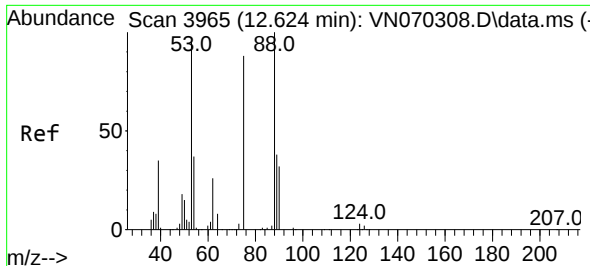
Tgt Ion: 83 Resp: 1317
 Ion Ratio Lower Upper
 83 100
 131 0.0 5.5 16.5#
 85 40.2 32.4 97.2



#76
 1,2,3-Trichloropropane
 Concen: 26.011 ug/l
 RT: 12.728 min Scan# 4004
 Delta R.T. -0.150 min
 Lab File: VN070561.D
 Acq: 11 Jan 2022 11:12

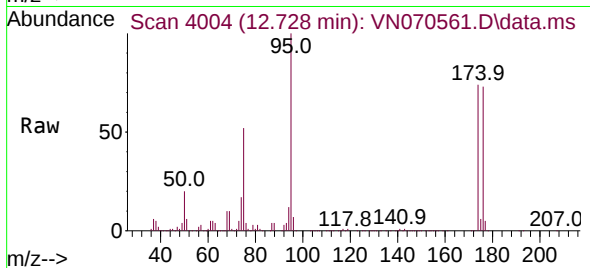
Tgt Ion: 75 Resp: 379718
 Ion Ratio Lower Upper
 75 100
 77 1.2 82.6 247.8#



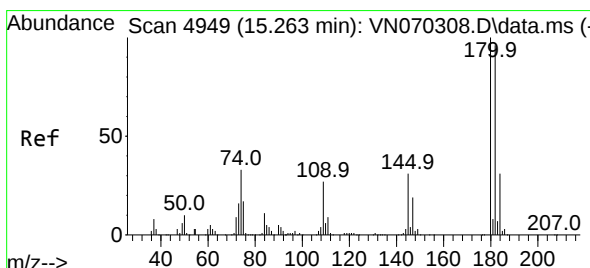
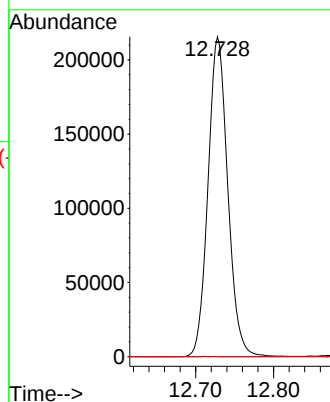
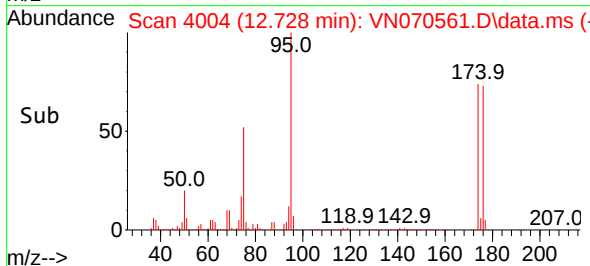


#81
trans-1,4-Dichloro-2-butene
Concen: 89.065 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. 0.104 min
Lab File: VN070561.D
Acq: 11 Jan 2022 11:12

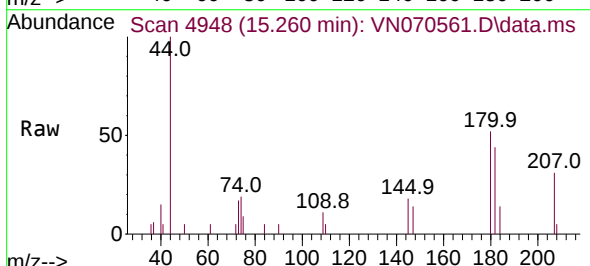
Instrument :
MSVOA_N
ClientSampleId :



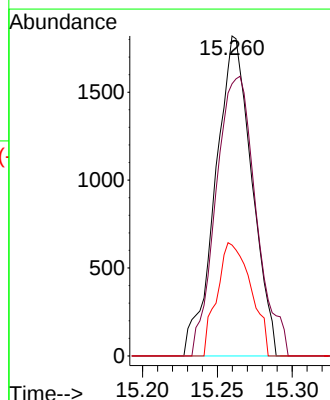
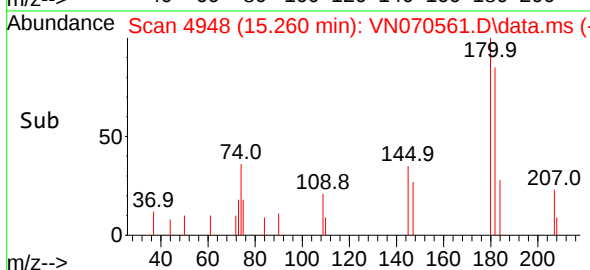
Tgt Ion: 75 Resp: 379718
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#

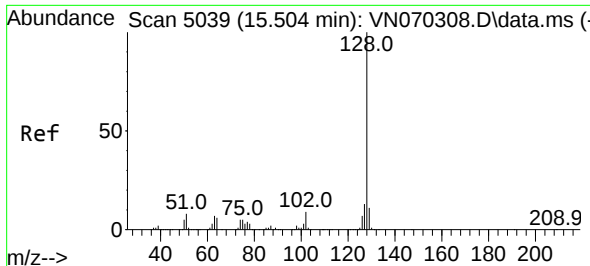


#93
1,2,4-Trichlorobenzene
Concen: 0.359 ug/l
RT: 15.260 min Scan# 4948
Delta R.T. -0.003 min
Lab File: VN070561.D
Acq: 11 Jan 2022 11:12



Tgt Ion: 180 Resp: 3080
Ion Ratio Lower Upper
180 100
182 95.8 48.3 144.9
145 32.9 14.5 43.5

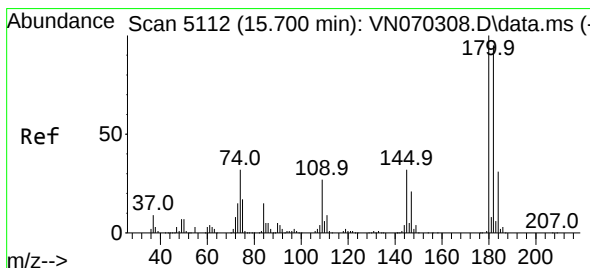
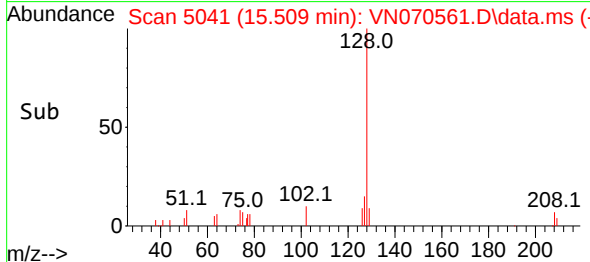
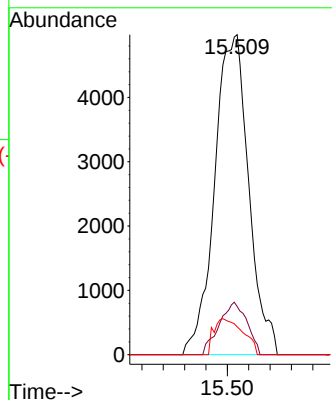
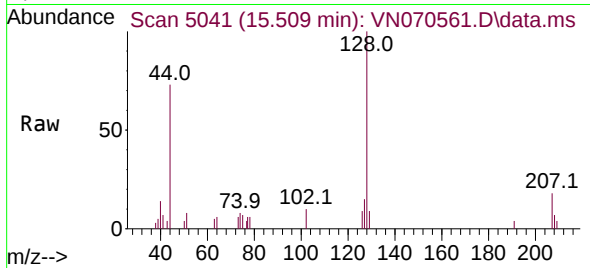




#95
Naphthalene
Concen: 2.243 ug/l
RT: 15.509 min Scan# 5039
Delta R.T. 0.005 min
Lab File: VN070561.D
Acq: 11 Jan 2022 11:12

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 10992
Ion Ratio Lower Upper
128 100
127 13.4 10.5 15.7
129 9.6 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 1.255 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.000 min
Lab File: VN070561.D
Acq: 11 Jan 2022 11:12

Tgt Ion:180 Resp: 3580
Ion Ratio Lower Upper
180 100
182 94.7 47.4 142.2
145 26.7 15.0 45.1

