

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010622\
 Data File : VN070509.D
 Acq On : 6 Jan 2022 10:48
 Operator : JC/MD
 Sample : VN0106MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 08 01:35:17 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)

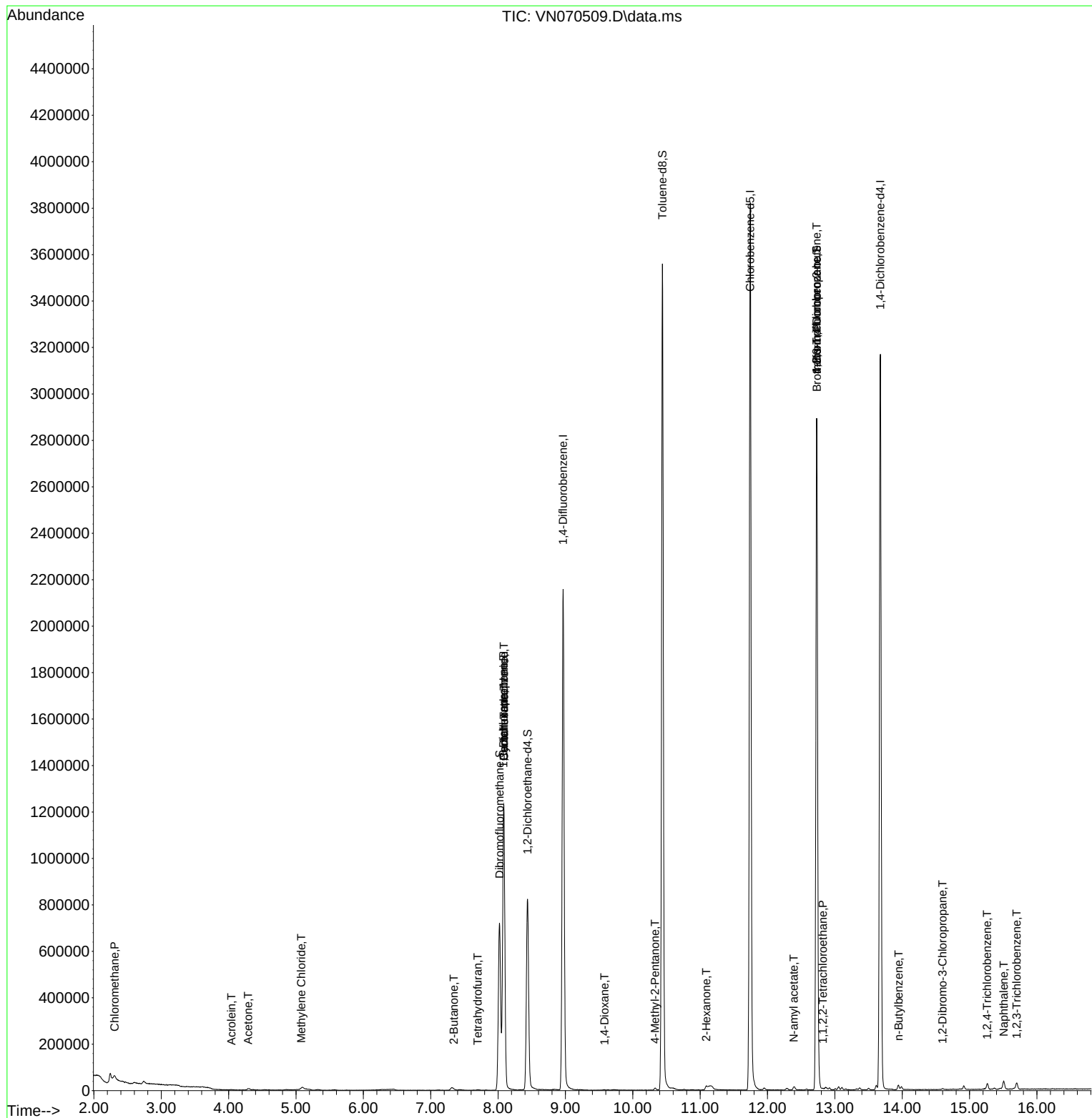
Internal Standards						
1) Pentafluorobenzene	8.085	168	963569	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1862797	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2229671	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	898614	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	692256	49.967	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.940%		
35) Dibromofluoromethane	8.021	113	541251	48.022	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.040%		
50) Toluene-d8	10.440	98	2486025	53.994	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	107.980%		
62) 4-Bromofluorobenzene	12.731	95	1078743	64.869	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	129.740%		
Target Compounds					Qvalue	
3) Chloromethane	2.306	50	3064	0.206	ug/l	89
13) Acrolein	4.041	56	1370	0.732	ug/l #	66
16) Acetone	4.288	43	4205	0.468	ug/l	91
20) Methylene Chloride	5.079	84	2597	0.209	ug/l #	84
25) 2-Butanone	7.343	43	3978	0.351	ug/l	96
29) Tetrahydrofuran	7.697	42	1541	0.228	ug/l #	55
31) Cyclohexane	8.085	56	20420	0.934	ug/l #	1
36) 1,1-Dichloropropene	8.080	75	75252	4.036	ug/l #	48
38) Carbon Tetrachloride	8.085	117	92499	5.195	ug/l #	17
49) 1,4-Dioxane	9.579	88	276	1.037	ug/l #	36
51) 4-Methyl-2-Pentanone	10.330	43	6857	0.286	ug/l	100
59) 2-Hexanone	11.092	43	22705	1.300	ug/l	75
71) Bromoform	12.733	173	8083	0.645	ug/l #	1
74) N-amyl acetate	12.390	43	9804	0.279	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.822	83	1822	0.507	ug/l #	93
76) 1,2,3-Trichloropropane	12.731	75	555093	22.458	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.731	75	555093	75.471	ug/l #	5
89) n-Butylbenzene	13.946	91	12637	0.241	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.600	75	1459	0.302	ug/l #	50
93) 1,2,4-Trichlorobenzene	15.260	180	9216	0.622	ug/l	95
95) Naphthalene	15.507	128	34773	2.616	ug/l	99
96) 1,2,3-Trichlorobenzene	15.700	180	12598	1.700	ug/l	97

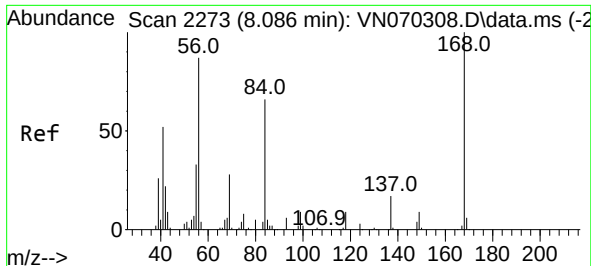
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010622\
Data File : VN070509.D
Acq On : 6 Jan 2022 10:48
Operator : JC/MD
Sample : VN0106MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

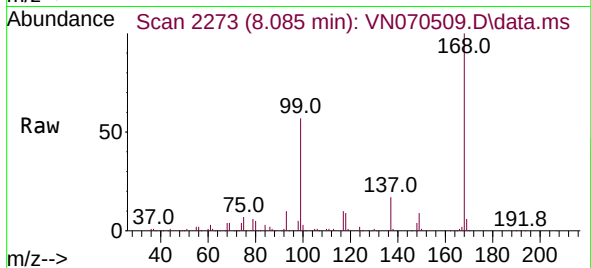
Quant Time: Jan 08 01:35:17 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
Quant Title : SW846 8260
QLast Update : Mon Dec 27 18:47:12 2021
Response via : Initial Calibration



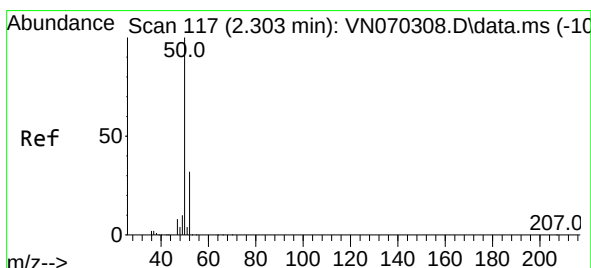
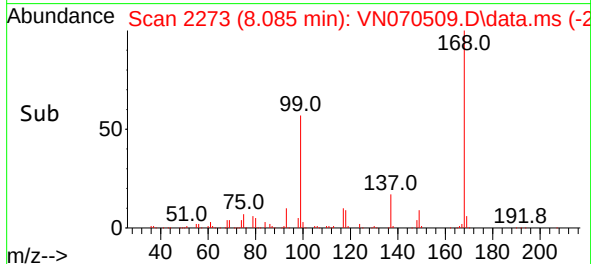
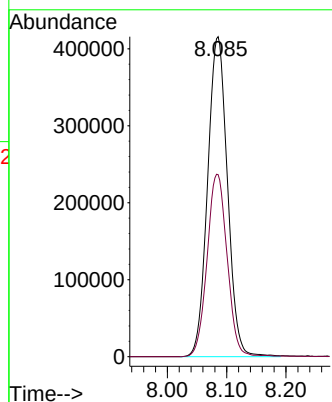


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.085 min Scan# 21
Delta R.T. -0.001 min
Lab File: VN070509.D
Acq: 6 Jan 2022 10:48

Instrument :
MSVOA_N
ClientSampleId :

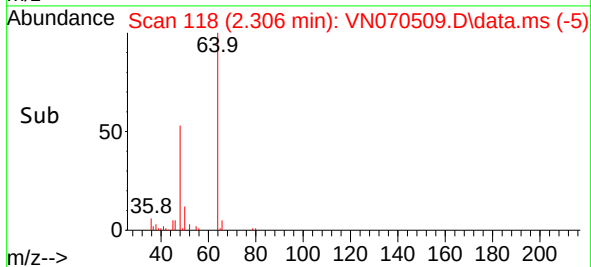
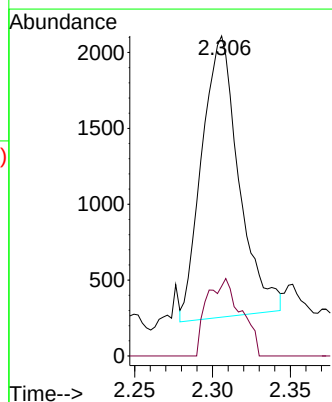
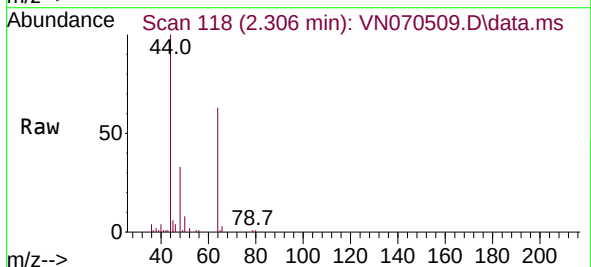


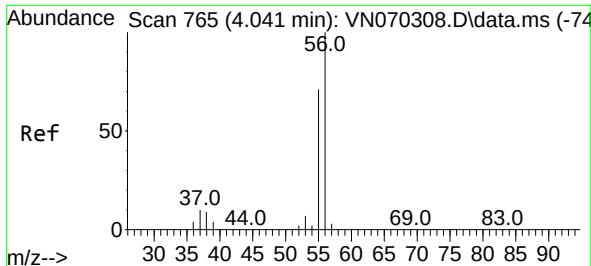
Tgt Ion:168 Resp: 963569
Ion Ratio Lower Upper
168 100
99 56.9 41.3 61.9



#3
Chloromethane
Concen: 0.206 ug/l
RT: 2.306 min Scan# 118
Delta R.T. 0.003 min
Lab File: VN070509.D
Acq: 6 Jan 2022 10:48

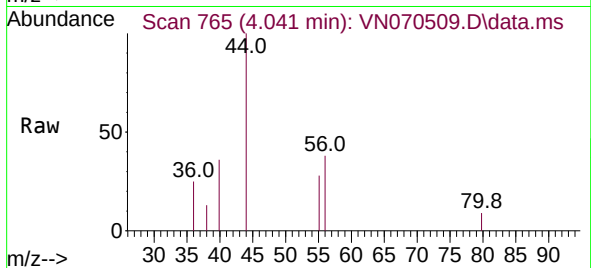
Tgt Ion: 50 Resp: 3064
Ion Ratio Lower Upper
50 100
52 25.4 25.4 38.0



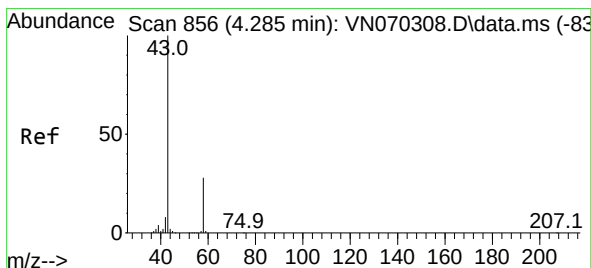
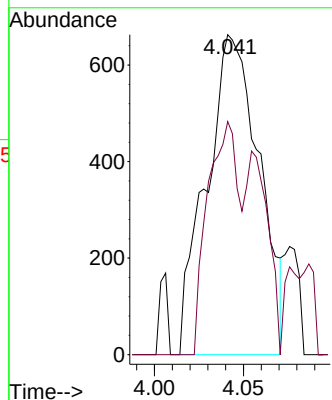
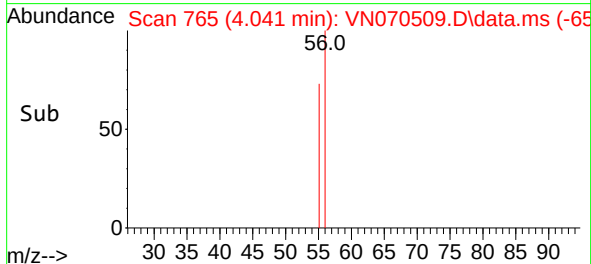


#13
Acrolein
Concen: 0.732 ug/l
RT: 4.041 min Scan# 765
Delta R.T. 0.000 min
Lab File: VN070509.D
Acq: 6 Jan 2022 10:48

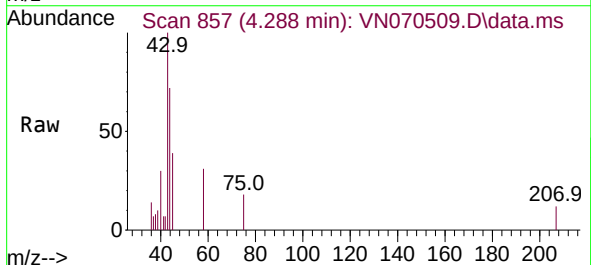
Instrument :
MSVOA_N
ClientSampleId :



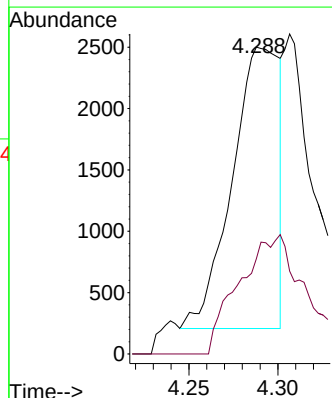
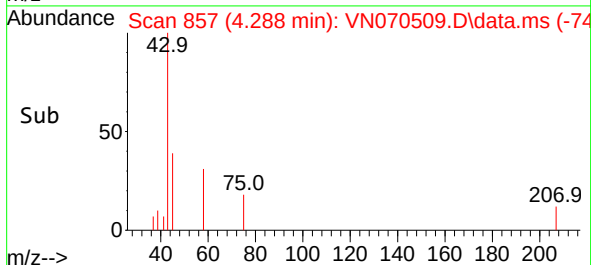
Tgt Ion: 56 Resp: 1370
Ion Ratio Lower Upper
56 100
55 42.8 56.6 85.0#

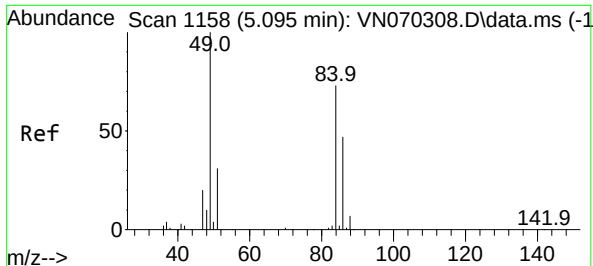


#16
Acetone
Concen: 0.468 ug/l
RT: 4.288 min Scan# 857
Delta R.T. 0.003 min
Lab File: VN070509.D
Acq: 6 Jan 2022 10:48



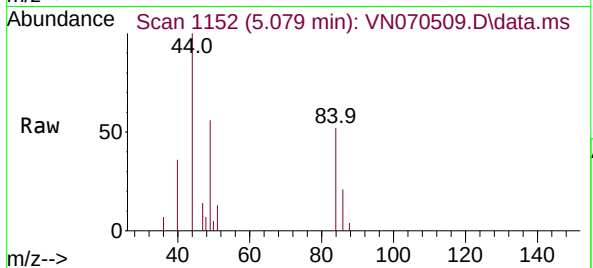
Tgt Ion: 43 Resp: 4205
Ion Ratio Lower Upper
43 100
58 33.8 23.1 34.7





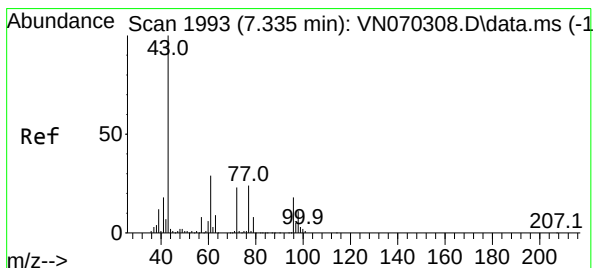
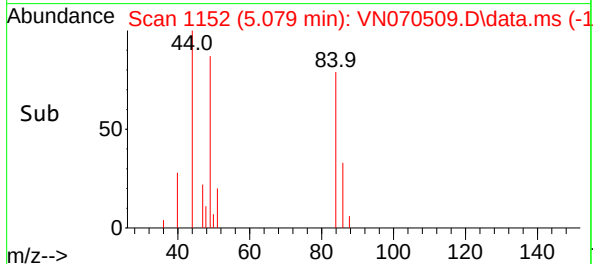
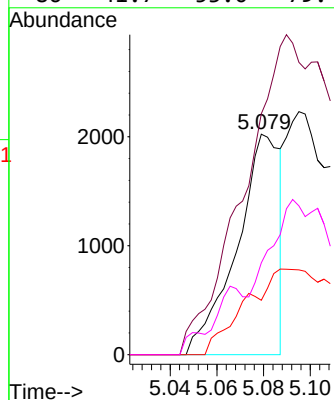
#20
Methylene Chloride
Concen: 0.209 ug/l
RT: 5.079 min Scan# 1158
Delta R.T. -0.016 min
Lab File: VN070509.D
Acq: 6 Jan 2022 10:48

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 84 Resp: 2597

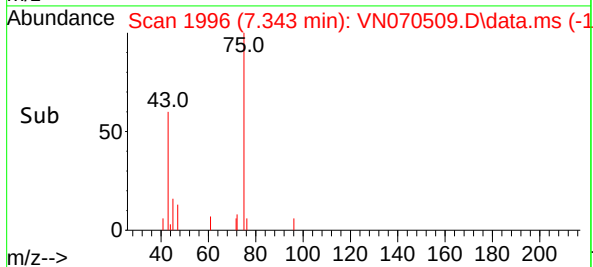
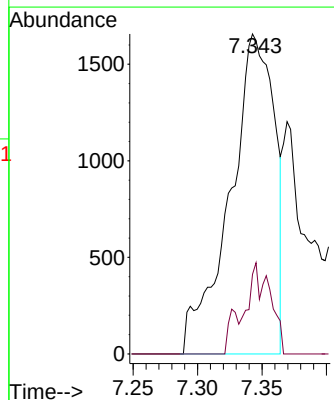
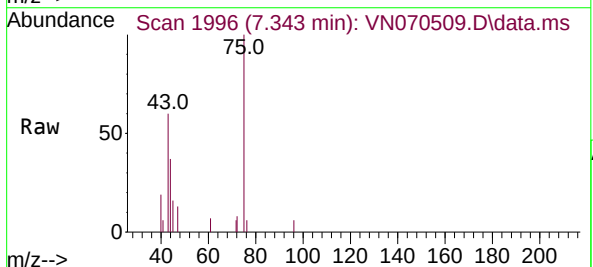
Ion	Ratio	Lower	Upper
84	100		
49	109.3	93.5	140.3
51	24.7	29.4	44.2#
86	41.7	53.0	79.4#

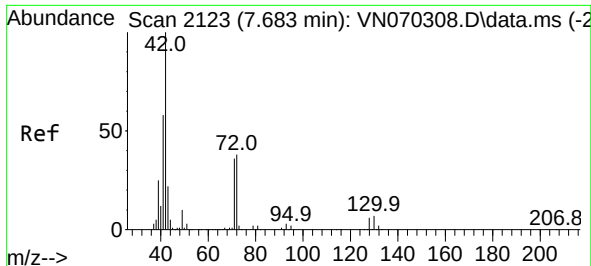


#25
2-Butanone
Concen: 0.351 ug/l
RT: 7.343 min Scan# 1996
Delta R.T. 0.008 min
Lab File: VN070509.D
Acq: 6 Jan 2022 10:48

Tgt Ion: 43 Resp: 3978

Ion	Ratio	Lower	Upper
43	100		
72	24.9	21.7	32.5





#29

Tetrahydrofuran

Concen: 0.228 ug/l

RT: 7.697 min Scan# 2123

Delta R.T. 0.014 min

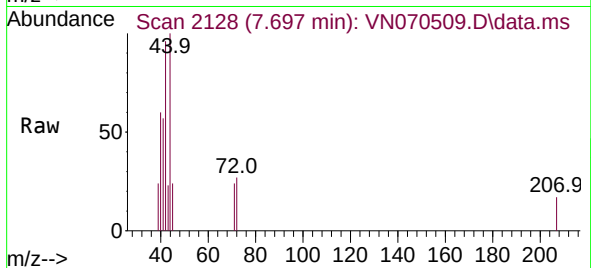
Lab File: VN070509.D

Acq: 6 Jan 2022 10:48

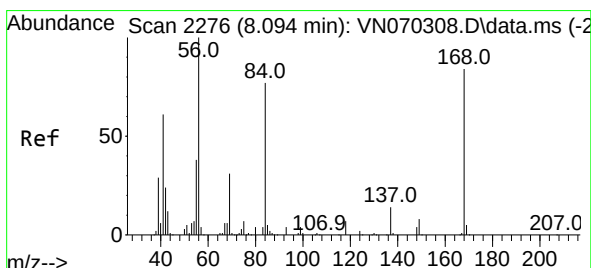
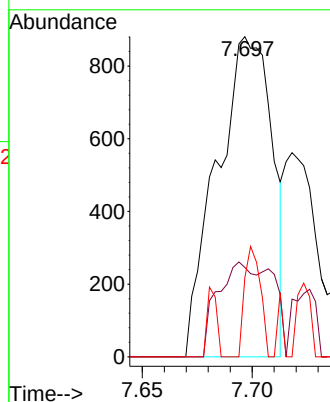
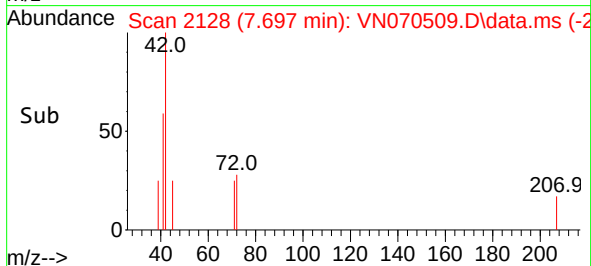
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	42	Resp:	1541
Ion Ratio	Lower	Upper	
42	100		
72	20.1	36.3	54.5#
71	9.9	34.7	52.1#



#31

Cyclohexane

Concen: 0.934 ug/l

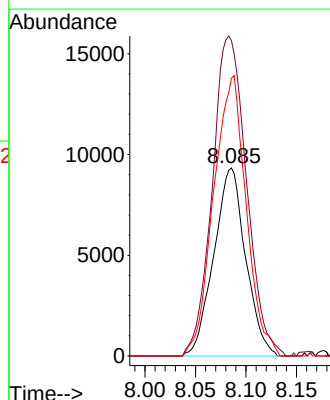
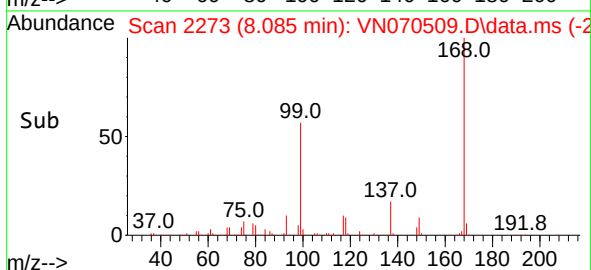
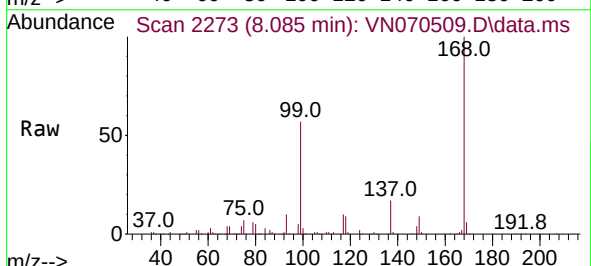
RT: 8.085 min Scan# 2273

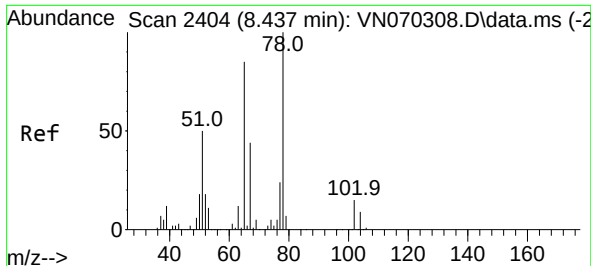
Delta R.T. -0.008 min

Lab File: VN070509.D

Acq: 6 Jan 2022 10:48

Tgt Ion:	56	Resp:	20420
Ion Ratio	Lower	Upper	
56	100		
69	167.9	27.1	40.7#
84	147.7	73.4	110.0#





#33

1,2-Dichloroethane-d4

Concen: 49.967 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. -0.000 min

Lab File: VN070509.D

Acq: 6 Jan 2022 10:48

Instrument :

MSVOA_N

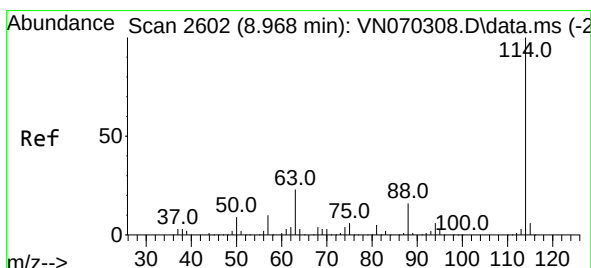
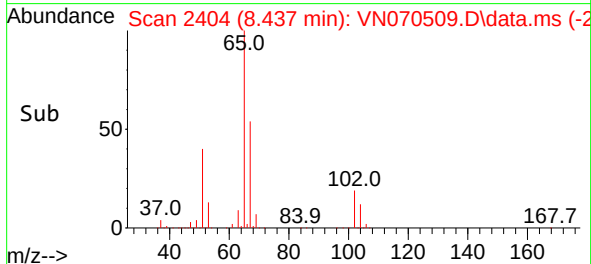
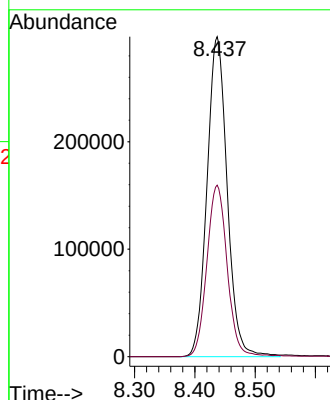
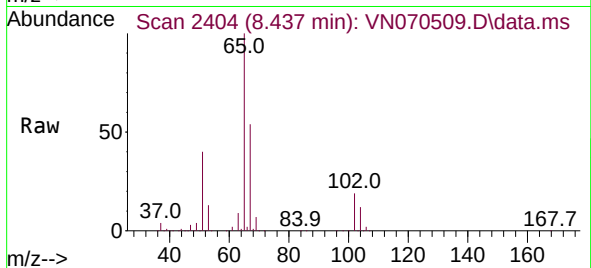
ClientSampleId :

Tgt Ion: 65 Resp: 692256

Ion Ratio Lower Upper

65 100

67 53.8 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: VN070509.D

Acq: 6 Jan 2022 10:48

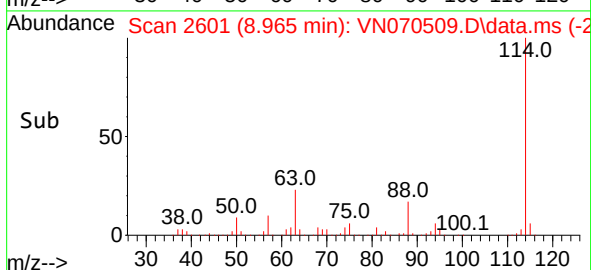
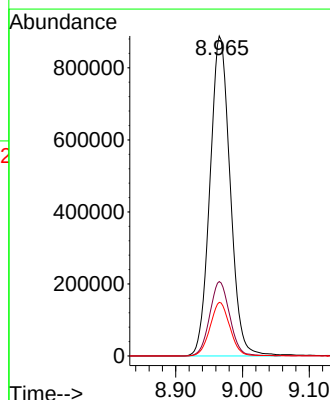
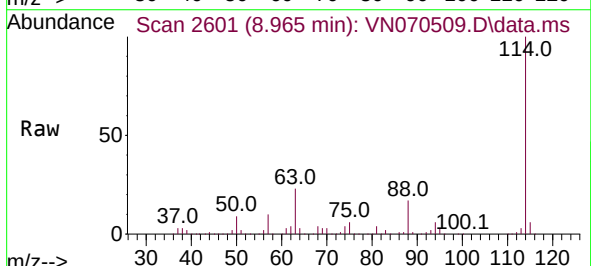
Tgt Ion: 114 Resp: 1862797

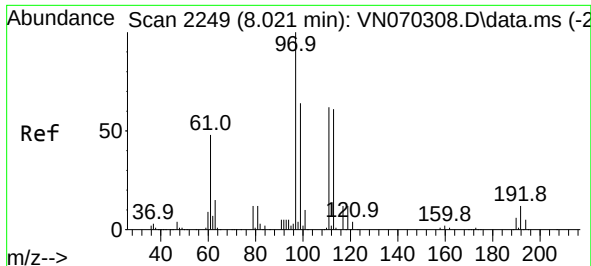
Ion Ratio Lower Upper

114 100

63 23.3 0.0 37.8

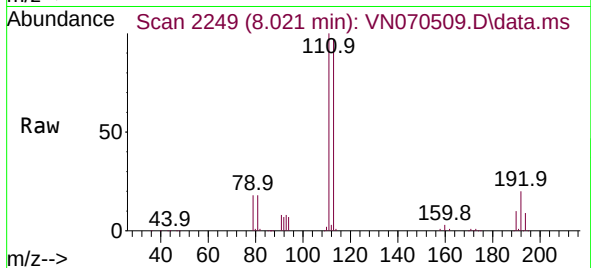
88 16.7 0.0 27.4



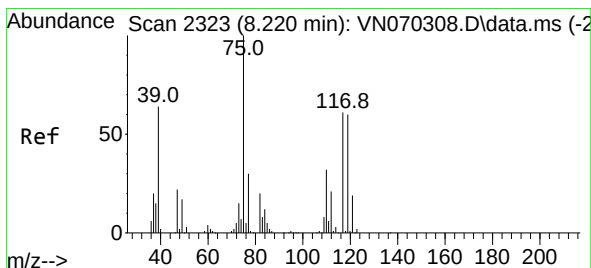
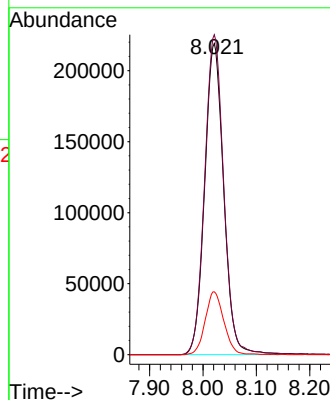
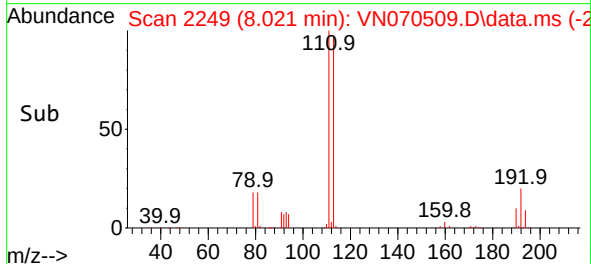


#35
Dibromofluoromethane
Concen: 48.022 ug/l
RT: 8.021 min Scan# 211
Delta R.T. 0.000 min
Lab File: VN070509.D
Acq: 6 Jan 2022 10:48

Instrument :
MSVOA_N
ClientSampleId :

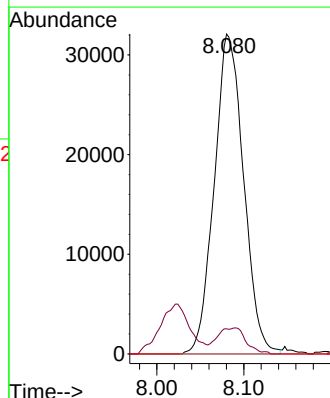
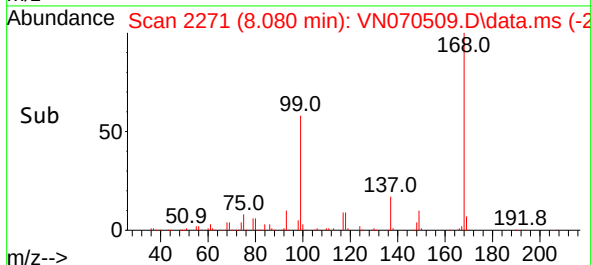
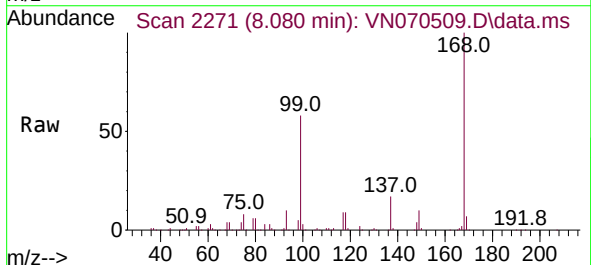


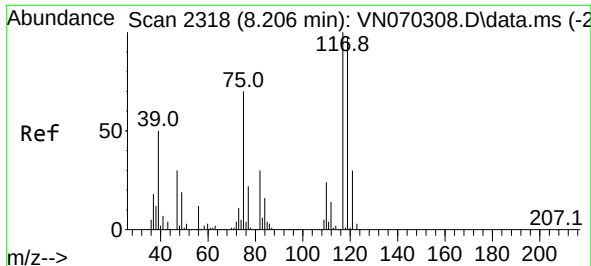
Tgt Ion:113 Resp: 541251
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.2
192 19.8 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.036 ug/l
RT: 8.080 min Scan# 2271
Delta R.T. -0.140 min
Lab File: VN070509.D
Acq: 6 Jan 2022 10:48

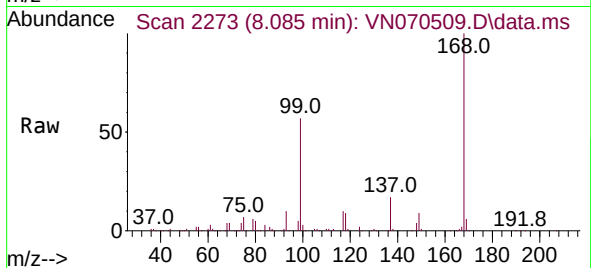
Tgt Ion: 75 Resp: 75252
Ion Ratio Lower Upper
75 100
110 8.1 18.4 55.2#
77 0.0 24.4 36.6#



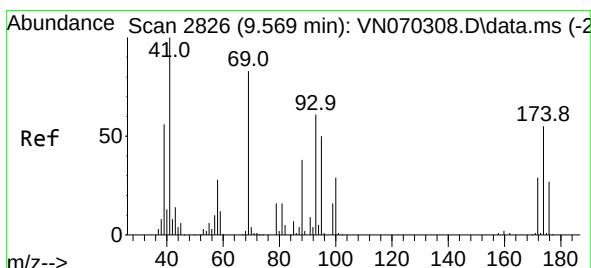
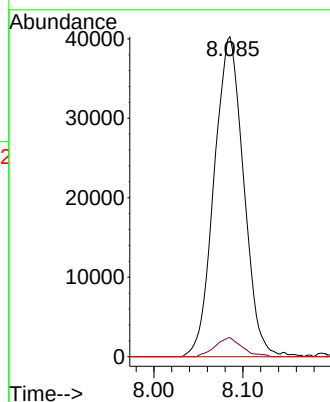
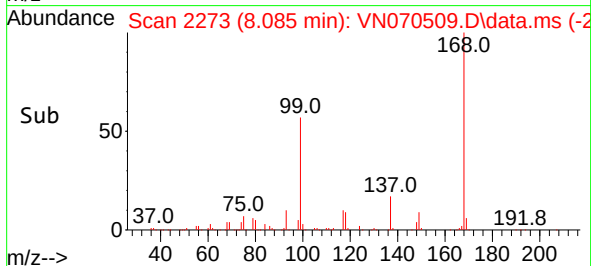


#38
Carbon Tetrachloride
Concen: 5.195 ug/l
RT: 8.085 min Scan# 21
Delta R.T. -0.120 min
Lab File: VN070509.D
Acq: 6 Jan 2022 10:48

Instrument :
MSVOA_N
ClientSampleId :

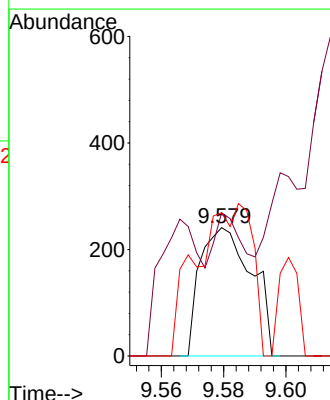
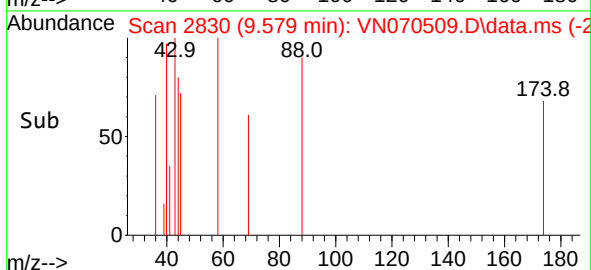
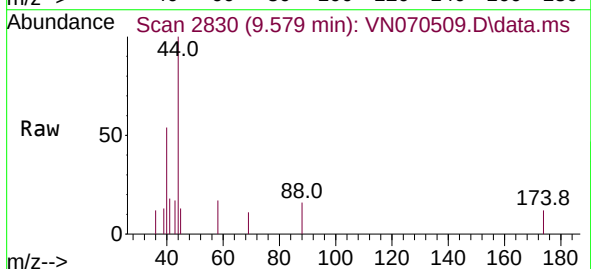


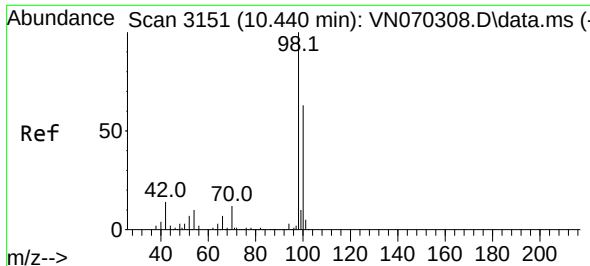
Tgt Ion:117 Resp: 92499
Ion Ratio Lower Upper
117 100
119 5.9 76.1 114.1#
121 0.0 24.2 36.2#



#49
1,4-Dioxane
Concen: 1.037 ug/l
RT: 9.579 min Scan# 2830
Delta R.T. 0.010 min
Lab File: VN070509.D
Acq: 6 Jan 2022 10:48

Tgt Ion: 88 Resp: 276
Ion Ratio Lower Upper
88 100
43 20.3 23.4 35.2#
58 129.7 50.6 75.8#

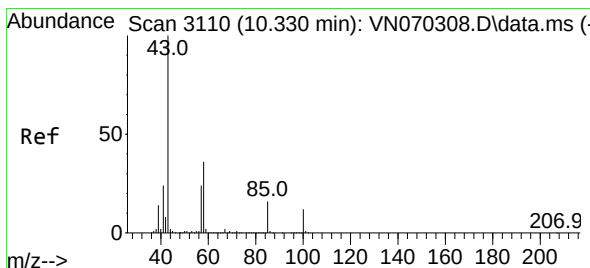
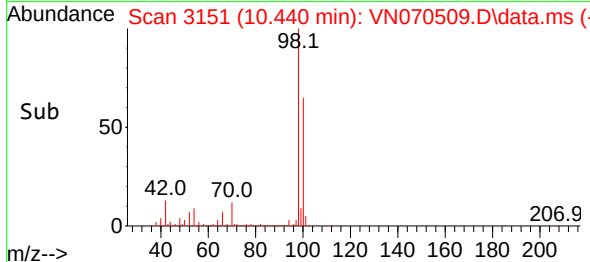
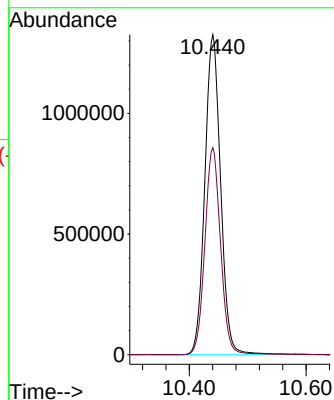
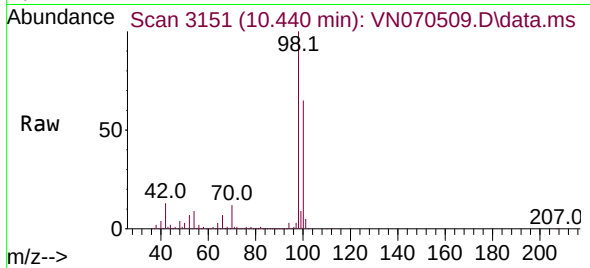




#50
Toluene-d8
Concen: 53.994 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VN070509.D
Acq: 6 Jan 2022 10:48

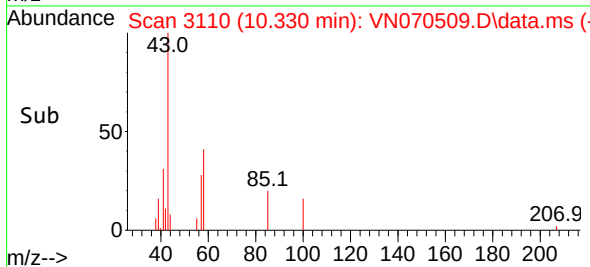
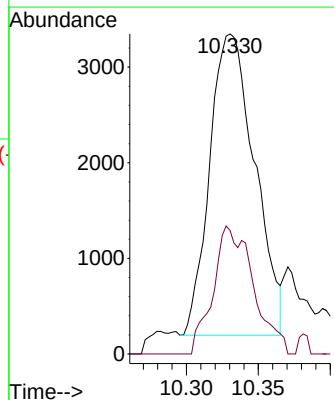
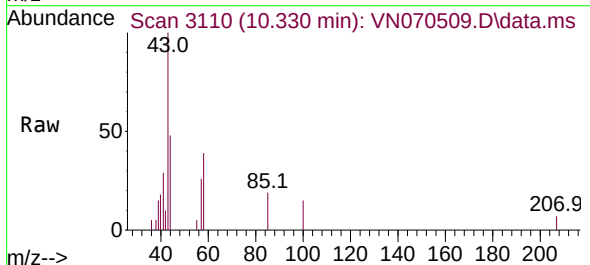
Instrument :
MSVOA_N
ClientSampleId :

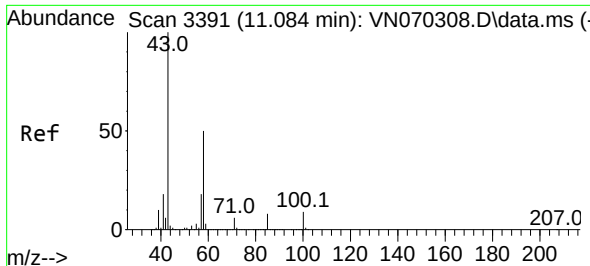
Tgt Ion: 98 Resp: 2486025
Ion Ratio Lower Upper
98 100
100 64.3 50.4 75.6



#51
4-Methyl-2-Pentanone
Concen: 0.286 ug/l
RT: 10.330 min Scan# 3110
Delta R.T. 0.000 min
Lab File: VN070509.D
Acq: 6 Jan 2022 10:48

Tgt Ion: 43 Resp: 6857
Ion Ratio Lower Upper
43 100
58 38.1 30.4 45.6

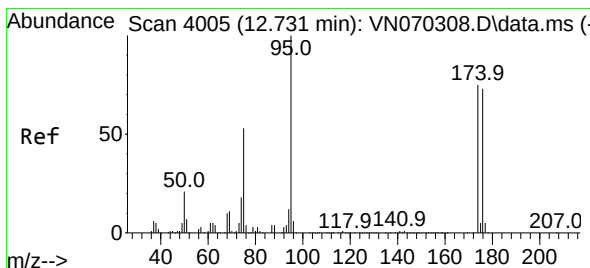
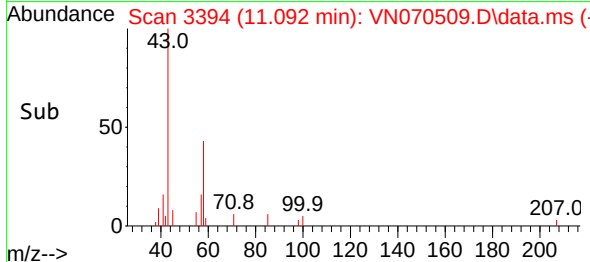
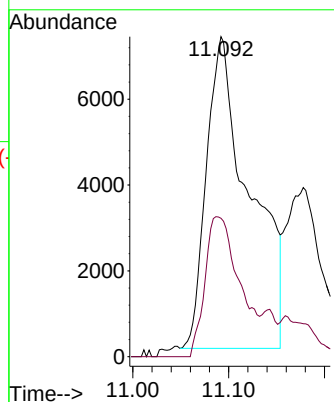
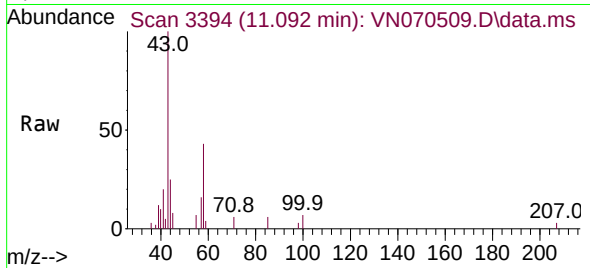




#59
2-Hexanone
Concen: 1.300 ug/l
RT: 11.092 min Scan# 31
Delta R.T. 0.008 min
Lab File: VN070509.D
Acq: 6 Jan 2022 10:48

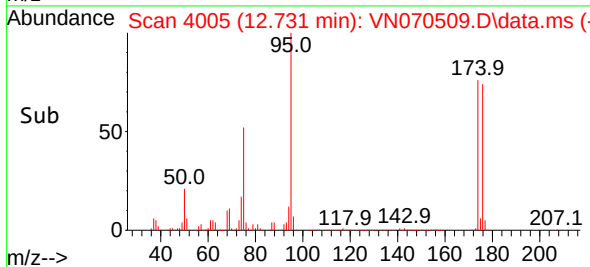
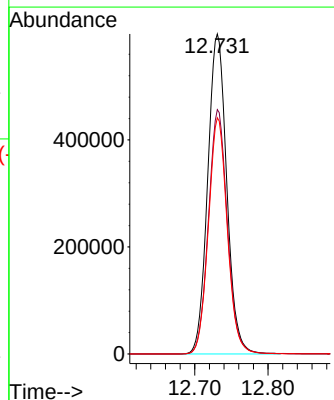
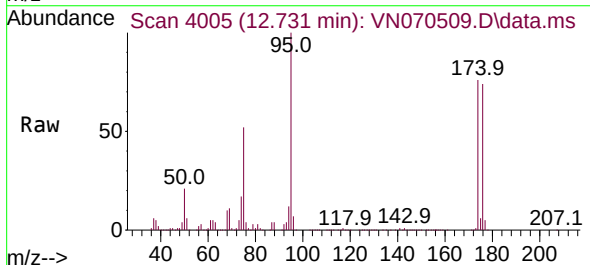
Instrument :
MSVOA_N
ClientSampleId :

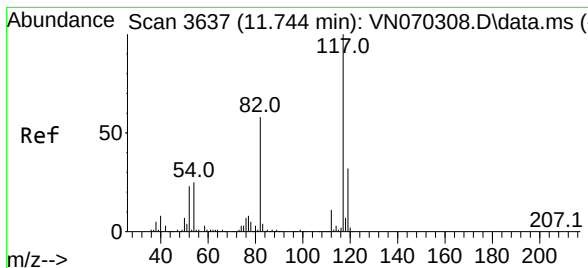
Tgt Ion: 43 Resp: 22705
Ion Ratio Lower Upper
43 100
58 35.9 26.9 80.7



#62
4-Bromofluorobenzene
Concen: 64.869 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070509.D
Acq: 6 Jan 2022 10:48

Tgt Ion: 95 Resp: 1078743
Ion Ratio Lower Upper
95 100
174 76.3 0.0 187.2
176 73.2 0.0 181.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.744 min Scan# 3

Delta R.T. -0.000 min

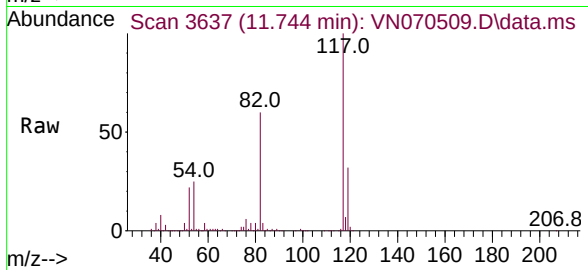
Lab File: VN070509.D

Acq: 6 Jan 2022 10:48

Instrument :

MSVOA_N

ClientSampleId :



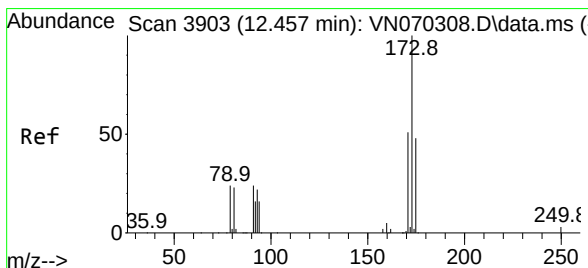
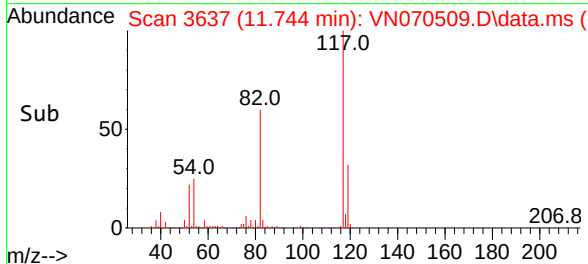
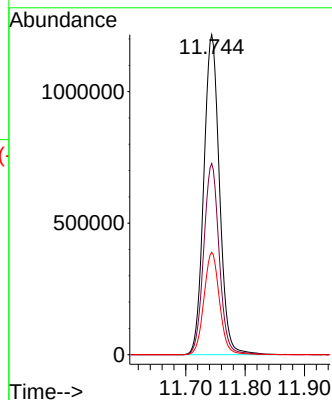
Tgt Ion:117 Resp: 2229671

Ion Ratio Lower Upper

117 100

82 59.7 42.4 63.6

119 32.0 25.4 38.2



#71

Bromoform

Concen: 0.645 ug/l

RT: 12.733 min Scan# 4006

Delta R.T. 0.276 min

Lab File: VN070509.D

Acq: 6 Jan 2022 10:48

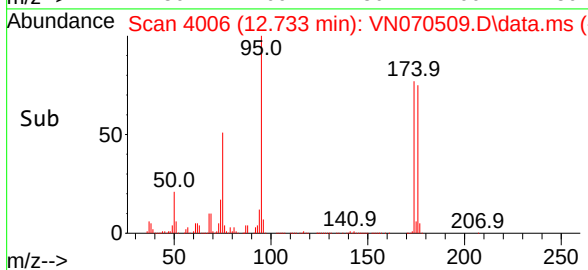
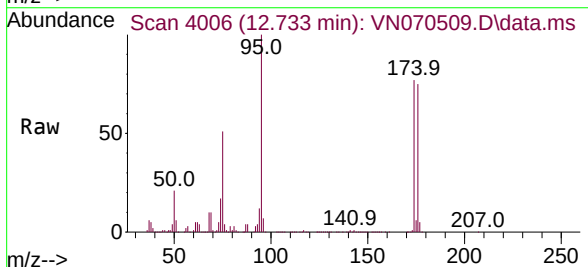
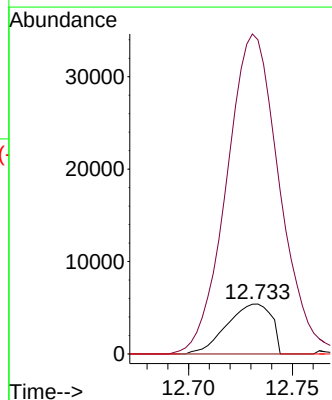
Tgt Ion:173 Resp: 8083

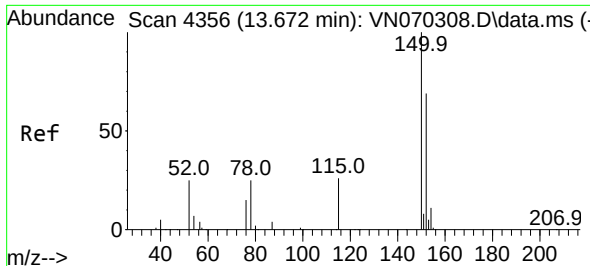
Ion Ratio Lower Upper

173 100

175 690.9 24.2 72.6#

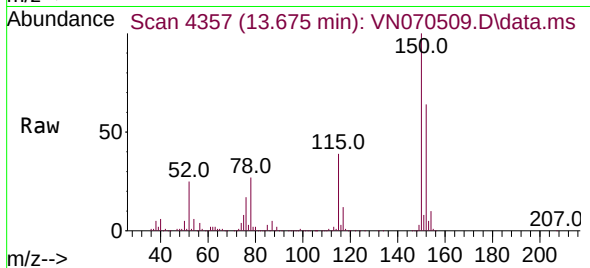
254 0.0 0.0 0.0



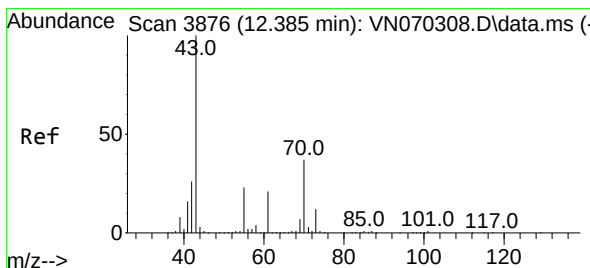
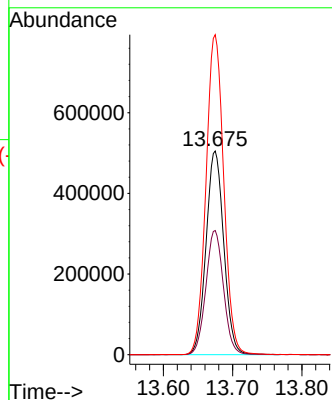
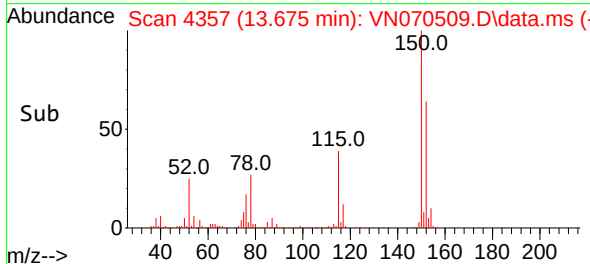


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 41
Delta R.T. 0.003 min
Lab File: VN070509.D
Acq: 6 Jan 2022 10:48

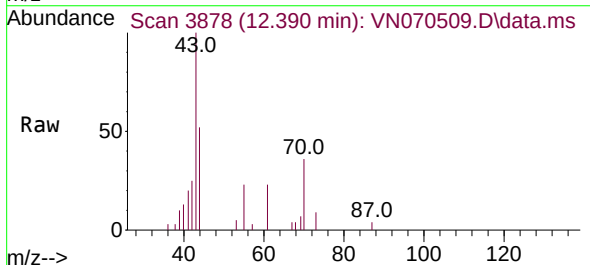
Instrument :
MSVOA_N
ClientSampleId :



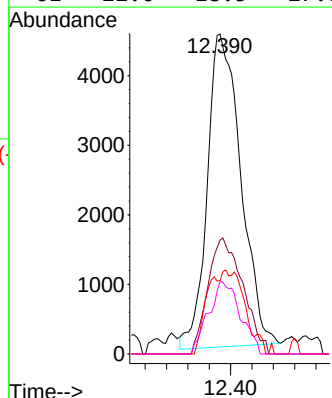
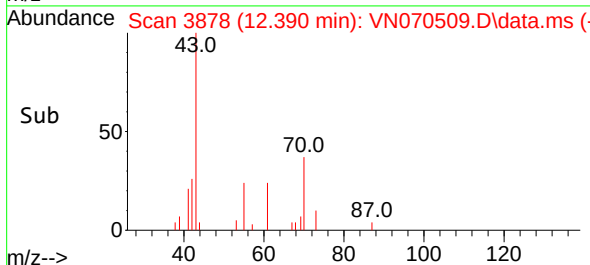
Tgt Ion:152 Resp: 898614
Ion Ratio Lower Upper
152 100
115 60.5 27.5 82.5
150 157.1 0.0 344.4

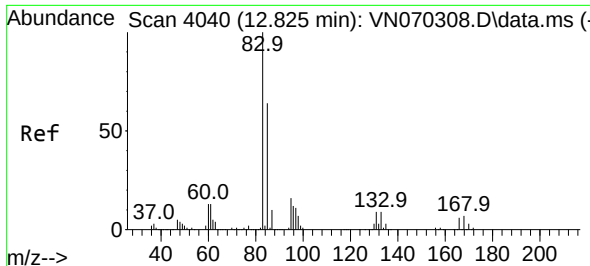


#74
N-ethyl acetate
Concen: 0.279 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. 0.005 min
Lab File: VN070509.D
Acq: 6 Jan 2022 10:48



Tgt Ion: 43 Resp: 9804
Ion Ratio Lower Upper
43 100
70 38.6 33.4 50.0
55 9.9 19.3 28.9#
61 22.0 18.5 27.7

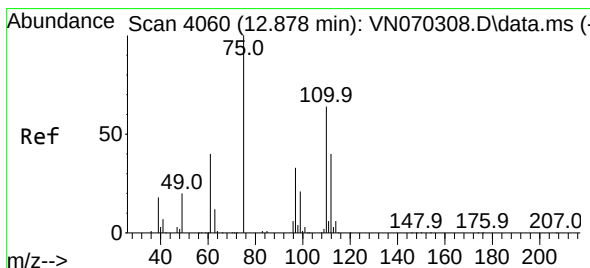
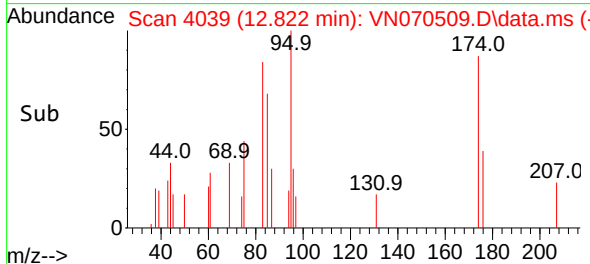
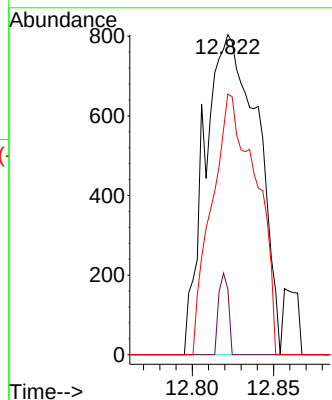
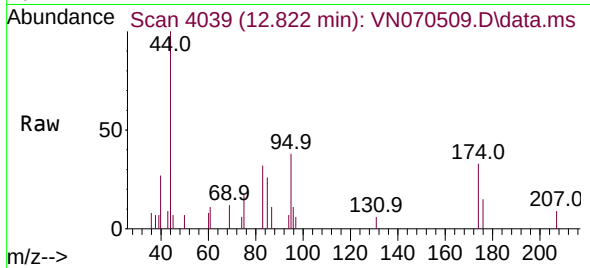




#75
1,1,2,2-Tetrachloroethane
Concen: 0.507 ug/l
RT: 12.822 min Scan# 4040
Delta R.T. -0.003 min
Lab File: VN070509.D
Acq: 6 Jan 2022 10:48

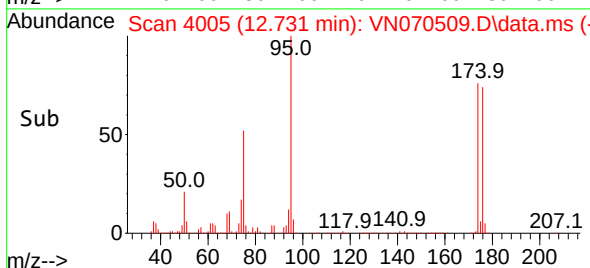
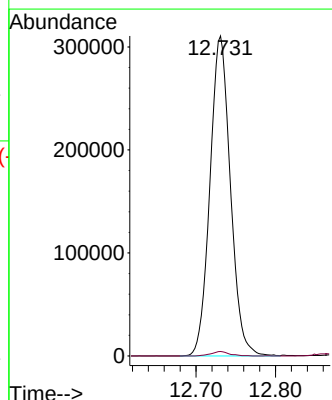
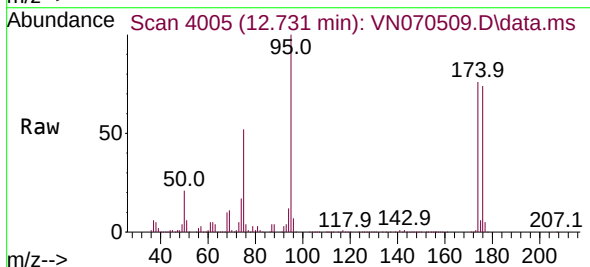
Instrument :
MSVOA_N
ClientSampleId :

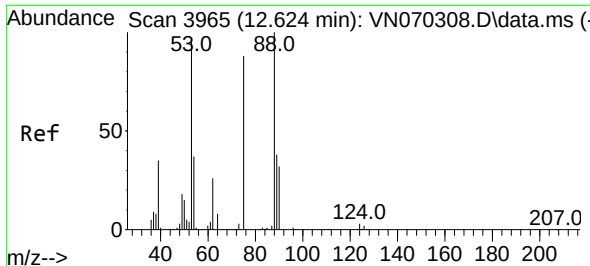
Tgt Ion: 83 Resp: 1822
Ion Ratio Lower Upper
83 100
131 4.7 5.5 16.5#
85 68.7 32.4 97.2



#76
1,2,3-Trichloropropane
Concen: 22.458 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.147 min
Lab File: VN070509.D
Acq: 6 Jan 2022 10:48

Tgt Ion: 75 Resp: 555093
Ion Ratio Lower Upper
75 100
77 1.3 82.6 247.8#

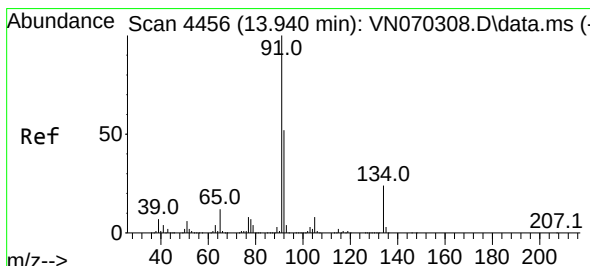
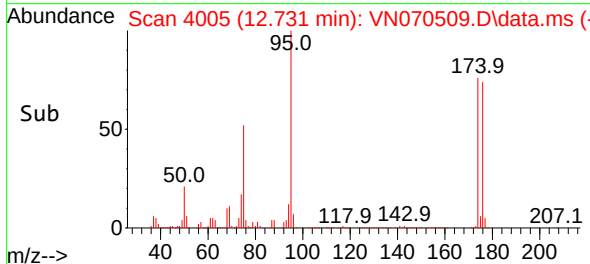
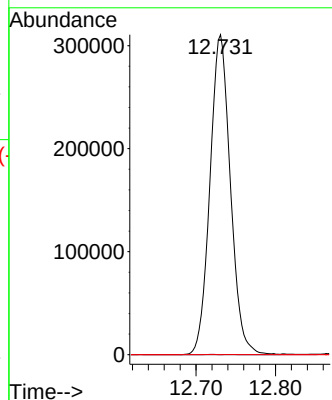
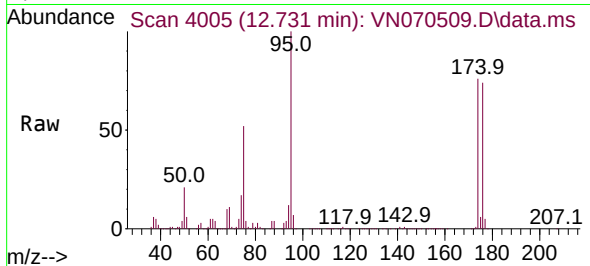




#81
trans-1,4-Dichloro-2-butene
Concen: 75.471 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.107 min
Lab File: VN070509.D
Acq: 6 Jan 2022 10:48

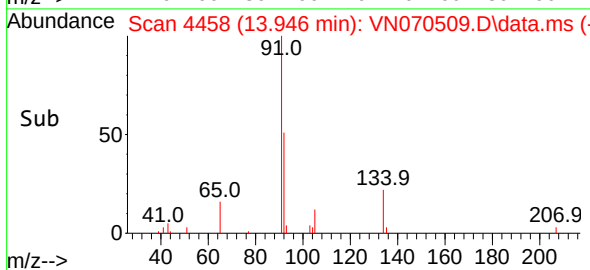
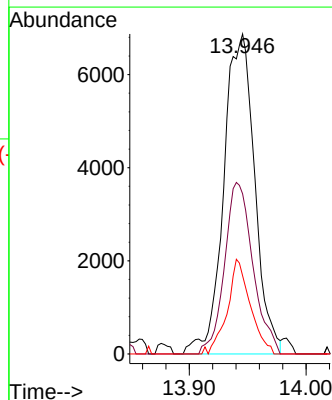
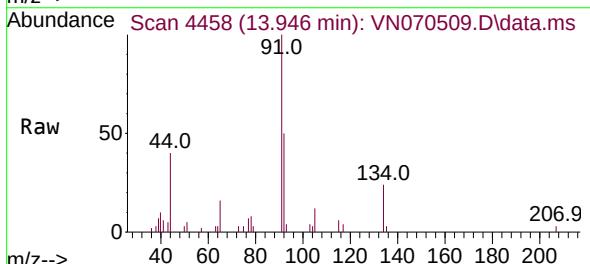
Instrument :
MSVOA_N
ClientSampleId :

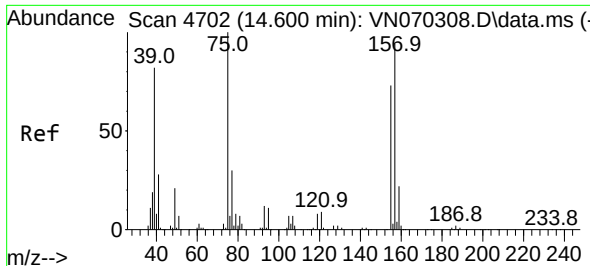
Tgt Ion: 75 Resp: 555093
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#



#89
n-Butylbenzene
Concen: 0.241 ug/l
RT: 13.946 min Scan# 4458
Delta R.T. 0.006 min
Lab File: VN070509.D
Acq: 6 Jan 2022 10:48

Tgt Ion: 91 Resp: 12637
Ion Ratio Lower Upper
91 100
92 49.3 25.4 76.0
134 22.0 13.6 40.8

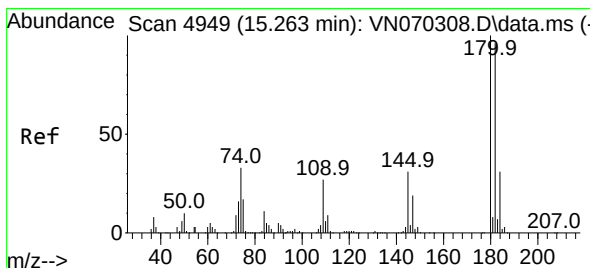
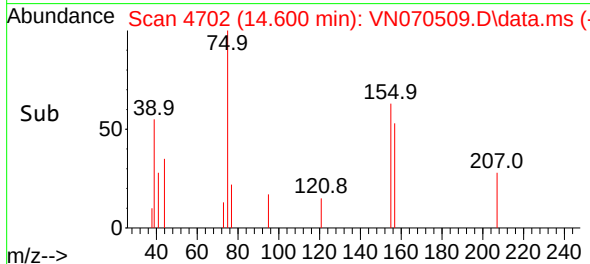
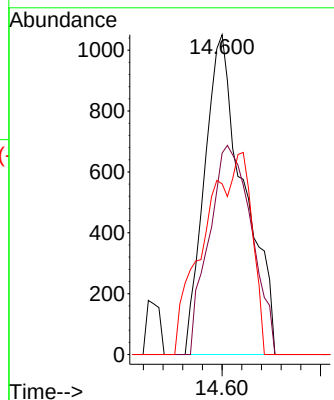
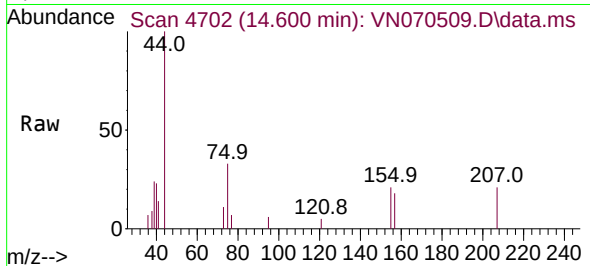




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.302 ug/l
 RT: 14.600 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VN070509.D
 Acq: 6 Jan 2022 10:48

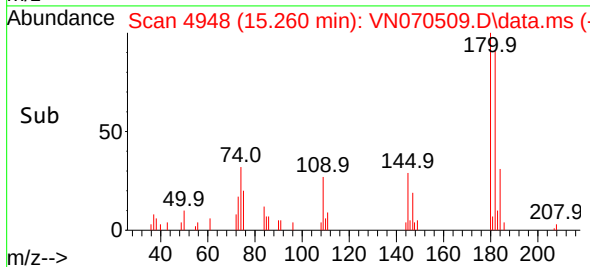
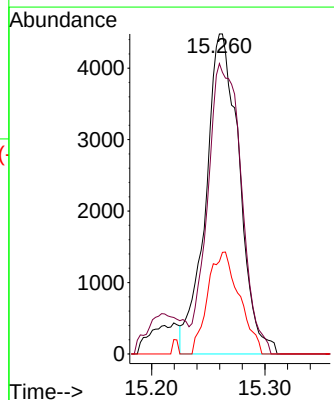
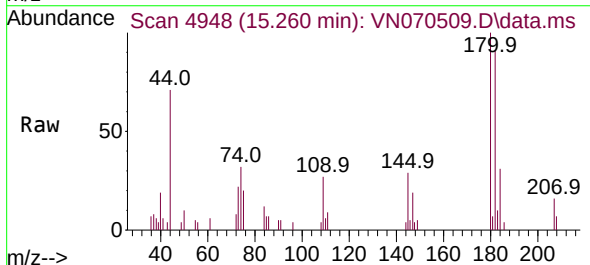
Instrument :
 MSVOA_N
 ClientSampleId :

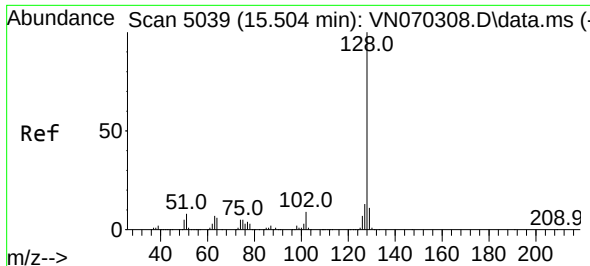
Tgt Ion: 75 Resp: 1459
 Ion Ratio Lower Upper
 75 100
 155 70.9 46.9 140.7
 157 42.8 60.6 181.7#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.622 ug/l
 RT: 15.260 min Scan# 4948
 Delta R.T. -0.003 min
 Lab File: VN070509.D
 Acq: 6 Jan 2022 10:48

Tgt Ion: 180 Resp: 9216
 Ion Ratio Lower Upper
 180 100
 182 91.1 48.3 144.9
 145 30.0 14.5 43.5

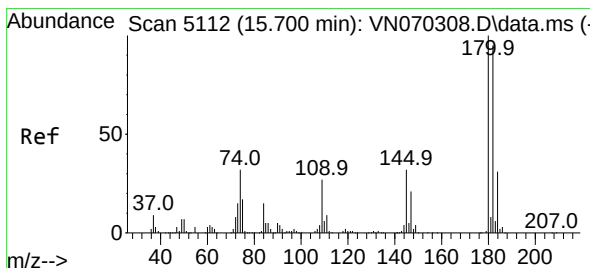
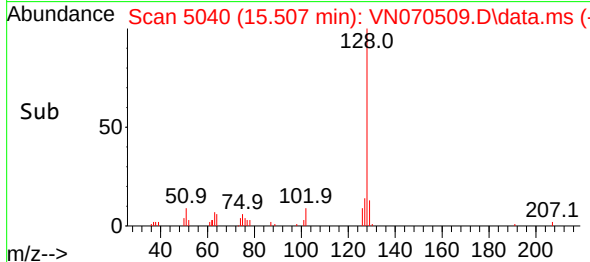
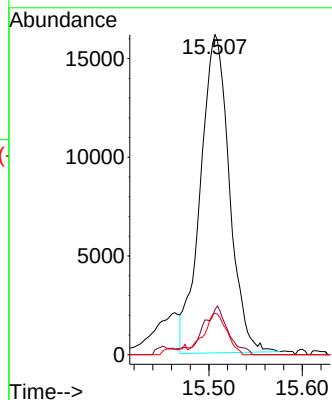
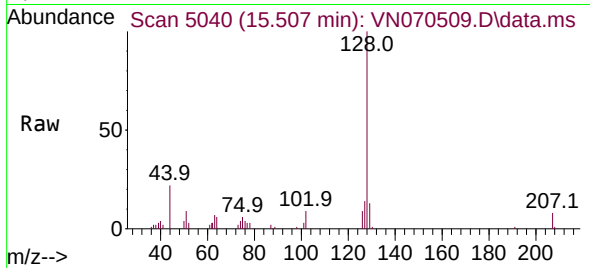




#95
Naphthalene
Concen: 2.616 ug/l
RT: 15.507 min Scan# 5039
Delta R.T. 0.003 min
Lab File: VN070509.D
Acq: 6 Jan 2022 10:48

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 34773
Ion Ratio Lower Upper
128 100
127 12.6 10.5 15.7
129 10.4 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 1.700 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.000 min
Lab File: VN070509.D
Acq: 6 Jan 2022 10:48

Tgt Ion:180 Resp: 12598
Ion Ratio Lower Upper
180 100
182 92.0 47.4 142.2
145 29.3 15.0 45.1

