

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122921\
 Data File : VN070350.D
 Acq On : 29 Dec 2021 15:50
 Operator : JC/MD
 Sample : M5115-05
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 30 01:50:53 2021
 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	886420	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	1512641	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	1354229	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	468307	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	670333	52.596	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 105.200%	
35) Dibromofluoromethane	8.024	113	472510	51.628	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 103.260%	
50) Toluene-d8	10.443	98	1801073	48.173	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 96.340%	
62) 4-Bromofluorobenzene	12.734	95	633715	46.929	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 93.860%	

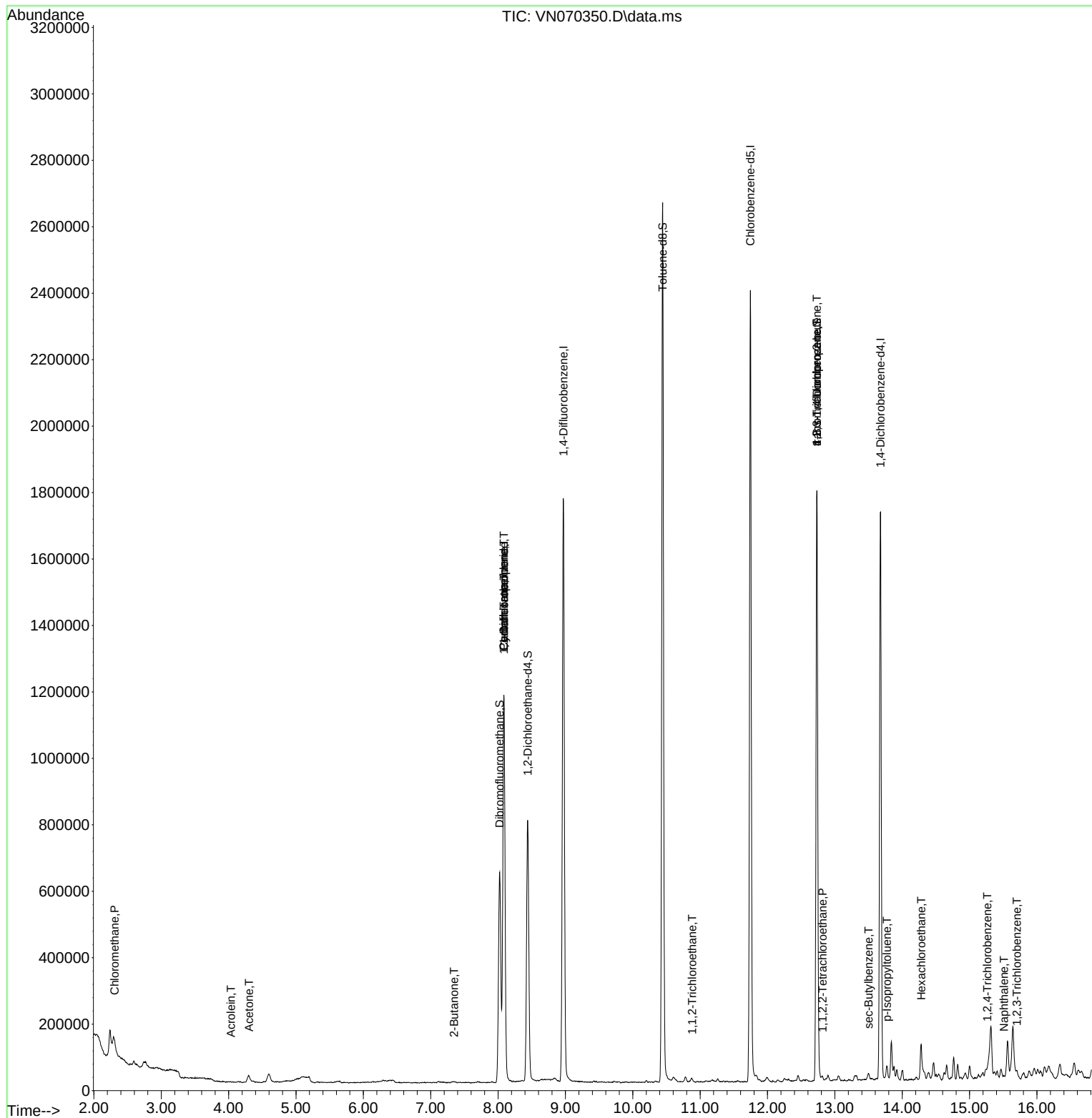
Target Compounds				Qvalue		
3) Chloromethane	2.306	50	3843	0.281	ug/l #	86
13) Acrolein	4.036	56	641	0.372	ug/l #	39
16) Acetone	4.301	43	34708	4.195	ug/l	100
25) 2-Butanone	7.346	43	2364	0.227	ug/l #	88
31) Cyclohexane	8.086	56	21507	1.069	ug/l #	20
36) 1,1-Dichloropropene	8.088	75	72471	4.787	ug/l #	49
38) Carbon Tetrachloride	8.086	117	87853	6.077	ug/l #	17
55) 1,1,2-Trichloroethane	10.883	97	2775	0.250	ug/l #	15
75) 1,1,2,2-Tetrachloroethane	12.817	83	387	0.471	ug/l #	77
76) 1,2,3-Trichloropropane	12.734	75	341290	26.005	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.734	75	341290	89.039	ug/l #	5
85) sec-Butylbenzene	13.501	105	11360	0.273	ug/l	99
86) p-Isopropyltoluene	13.772	119	19788	0.605	ug/l	94
90) Hexachloroethane	14.281	117	44478	7.823	ug/l #	6
93) 1,2,4-Trichlorobenzene	15.265	180	1656	0.214	ug/l #	1
95) Naphthalene	15.509	128	6206	2.077	ug/l #	84
96) 1,2,3-Trichlorobenzene	15.703	180	1999	1.092	ug/l #	81

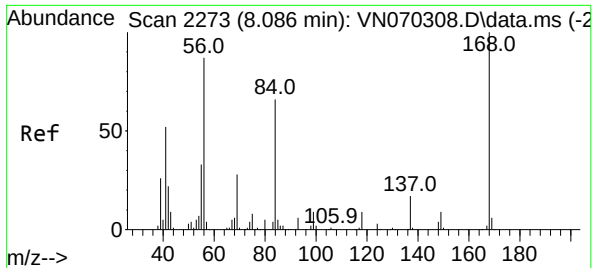
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122921\
Data File : VN070350.D
Acq On : 29 Dec 2021 15:50
Operator : JC/MD
Sample : M5115-05
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Dec 30 01:50:53 2021
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

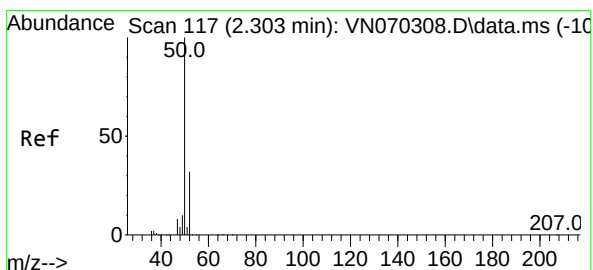
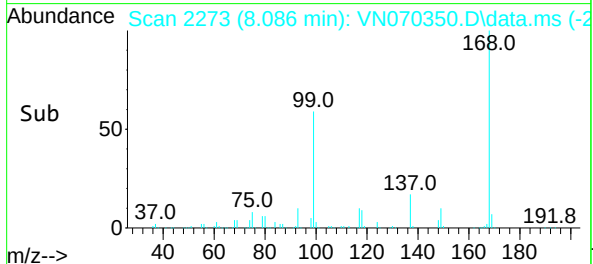
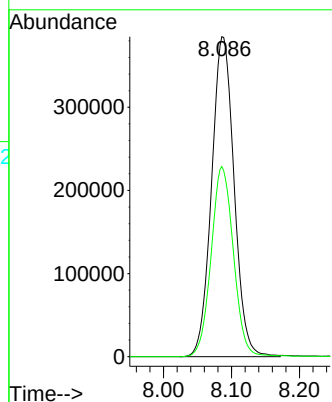
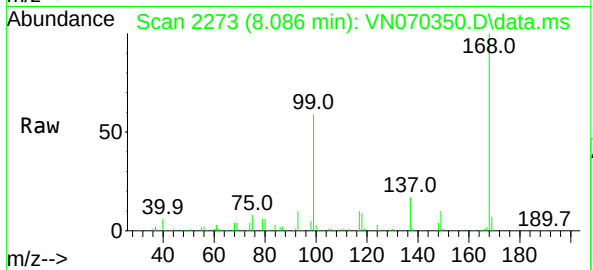




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070350.D
Acq: 29 Dec 2021 15:50

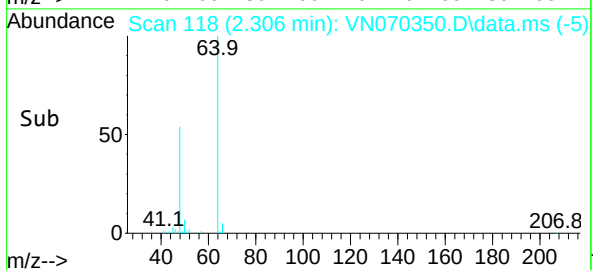
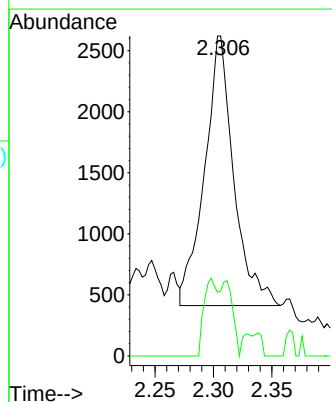
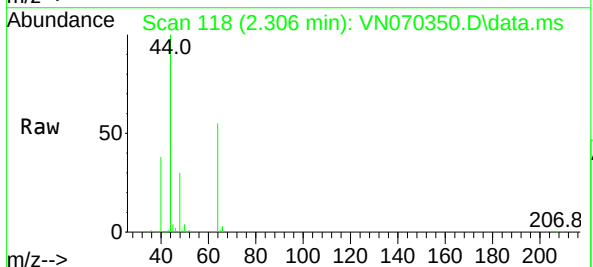
Instrument :
MSVOA_N
ClientSampleId :

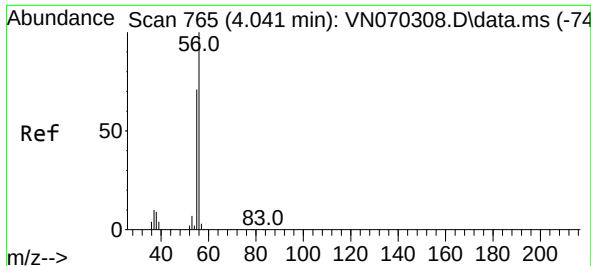
Tgt Ion:168 Resp: 886420
Ion Ratio Lower Upper
168 100
99 59.4 41.3 61.9



#3
Chloromethane
Concen: 0.281 ug/l
RT: 2.306 min Scan# 118
Delta R.T. 0.003 min
Lab File: VN070350.D
Acq: 29 Dec 2021 15:50

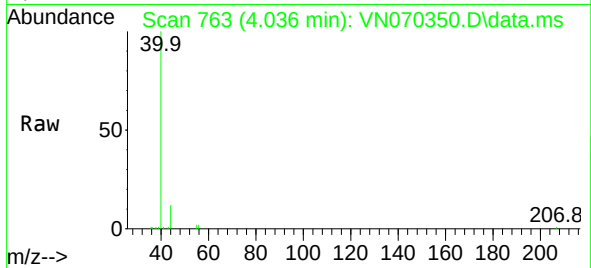
Tgt Ion: 50 Resp: 3843
Ion Ratio Lower Upper
50 100
52 24.0 25.4 38.0#



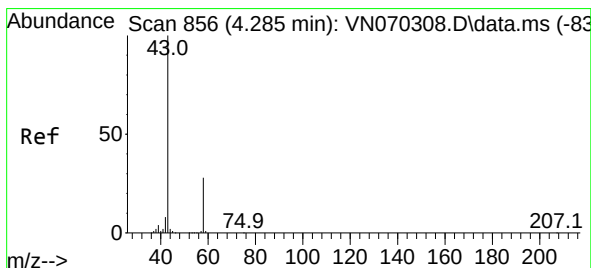
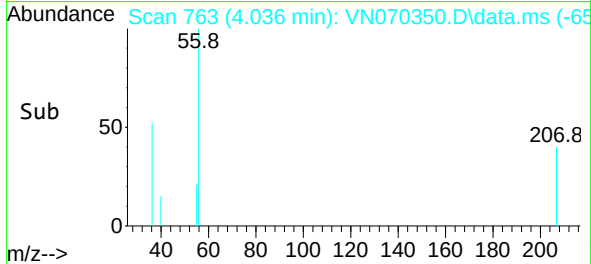
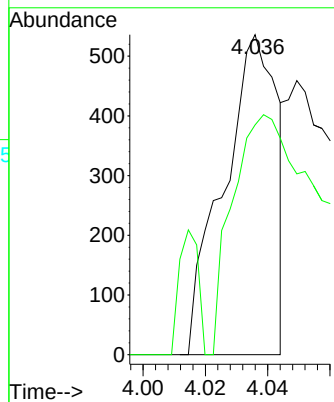


#13
Acrolein
Concen: 0.372 ug/l
RT: 4.036 min Scan# 763
Delta R.T. -0.005 min
Lab File: VN070350.D
Acq: 29 Dec 2021 15:50

Instrument :
MSVOA_N
ClientSampleId :

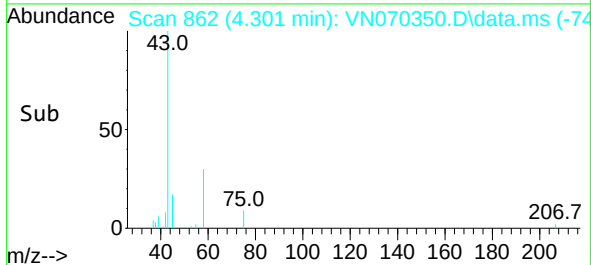
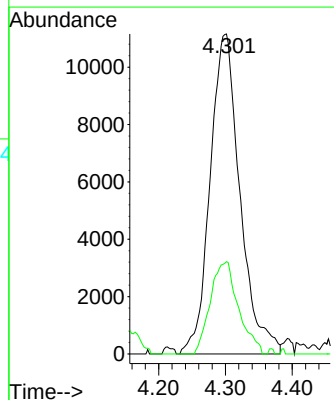
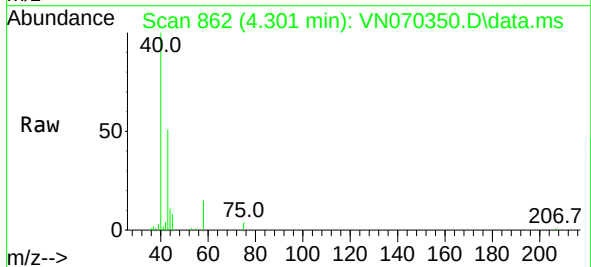


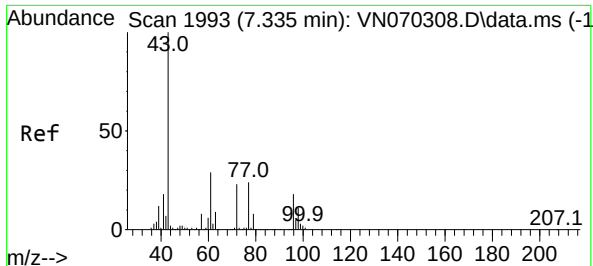
Tgt Ion: 56 Resp: 641
Ion Ratio Lower Upper
56 100
55 120.9 56.6 85.0#



#16
Acetone
Concen: 4.195 ug/l
RT: 4.301 min Scan# 862
Delta R.T. 0.016 min
Lab File: VN070350.D
Acq: 29 Dec 2021 15:50

Tgt Ion: 43 Resp: 34708
Ion Ratio Lower Upper
43 100
58 28.9 23.1 34.7





#25

2-Butanone

Concen: 0.227 ug/l

RT: 7.346 min Scan# 1993

Delta R.T. 0.011 min

Lab File: VN070350.D

Acq: 29 Dec 2021 15:50

Instrument :

MSVOA_N

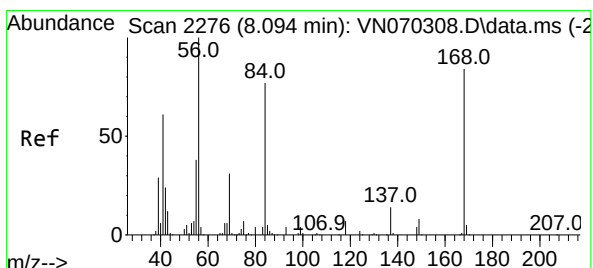
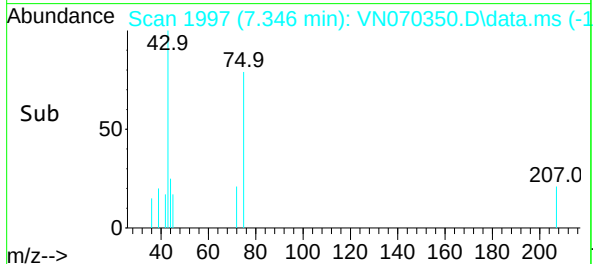
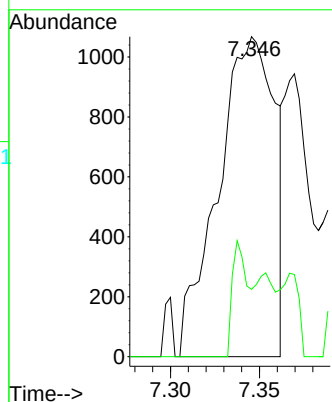
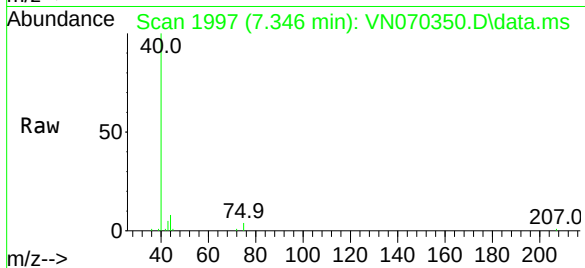
ClientSampleId :

Tgt Ion: 43 Resp: 2364

Ion Ratio Lower Upper

43 100

72 21.1 21.7 32.5#



#31

Cyclohexane

Concen: 1.069 ug/l

RT: 8.086 min Scan# 2273

Delta R.T. -0.008 min

Lab File: VN070350.D

Acq: 29 Dec 2021 15:50

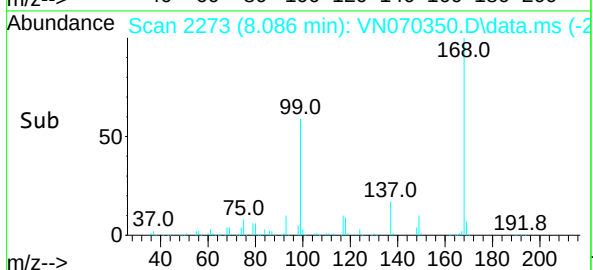
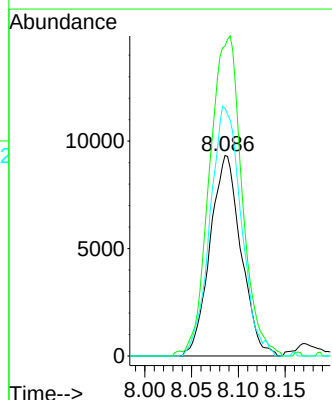
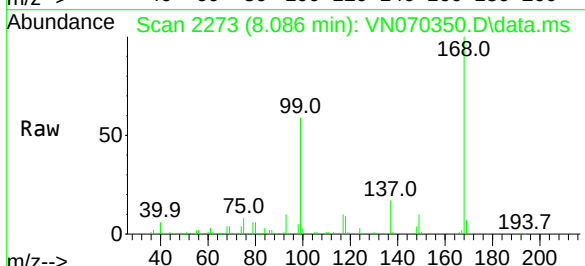
Tgt Ion: 56 Resp: 21507

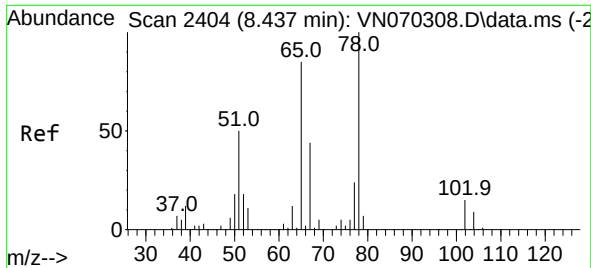
Ion Ratio Lower Upper

56 100

69 152.7 27.1 40.7#

84 123.6 73.4 110.0#





#33

1,2-Dichloroethane-d4

Concen: 52.596 ug/l

RT: 8.440 min Scan# 2404

Delta R.T. 0.003 min

Lab File: VN070350.D

Acq: 29 Dec 2021 15:50

Instrument :

MSVOA_N

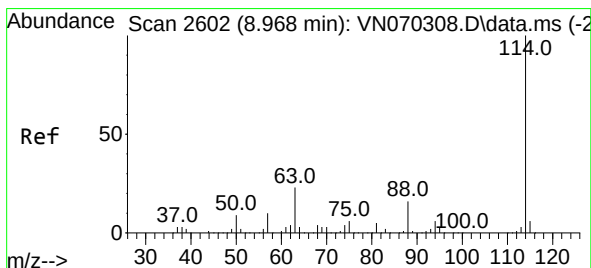
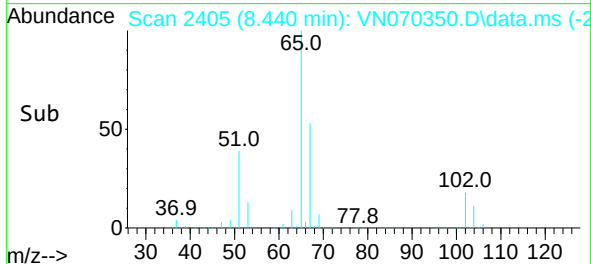
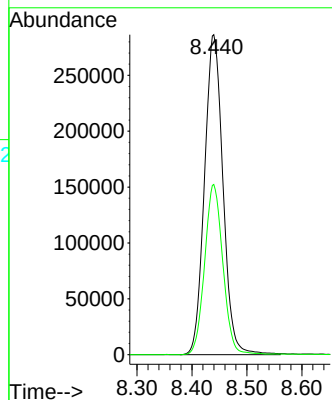
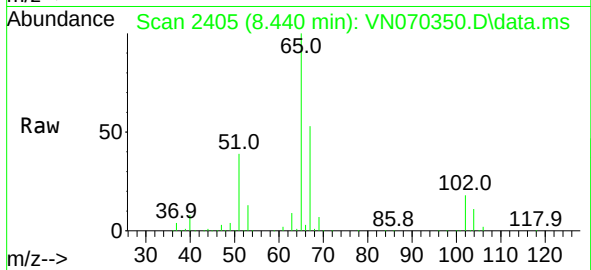
ClientSampleId :

Tgt Ion: 65 Resp: 670333

Ion Ratio Lower Upper

65 100

67 52.2 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.971 min Scan# 2603

Delta R.T. 0.003 min

Lab File: VN070350.D

Acq: 29 Dec 2021 15:50

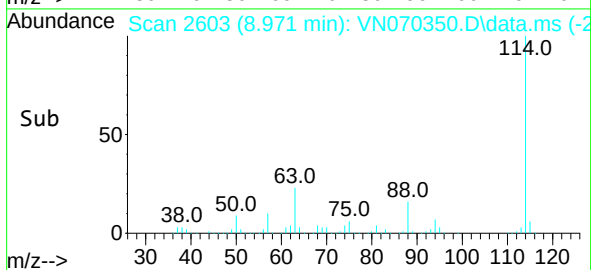
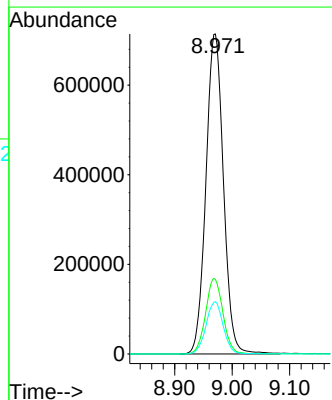
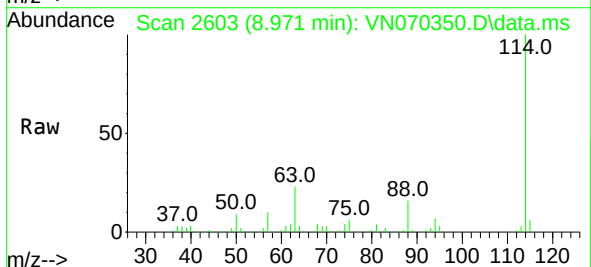
Tgt Ion: 114 Resp: 1512641

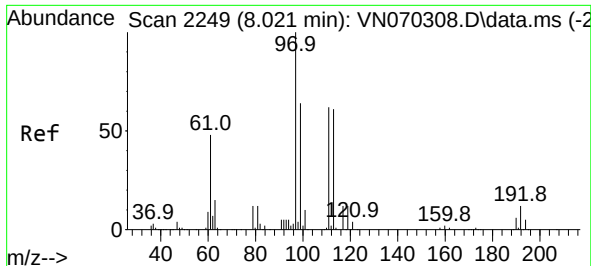
Ion Ratio Lower Upper

114 100

63 23.3 0.0 37.8

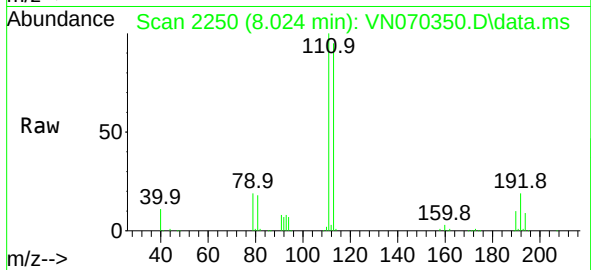
88 16.4 0.0 27.4



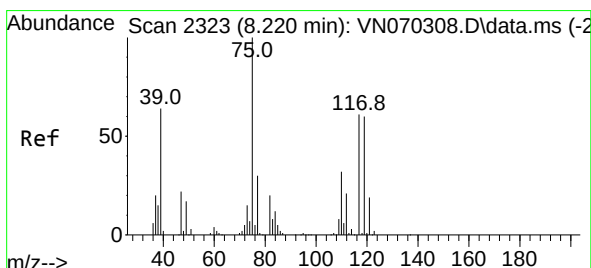
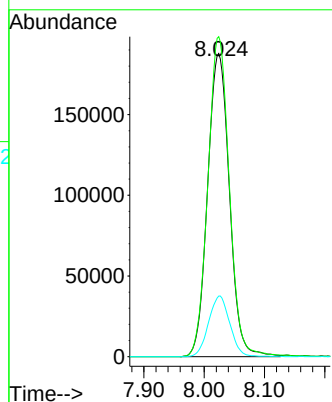
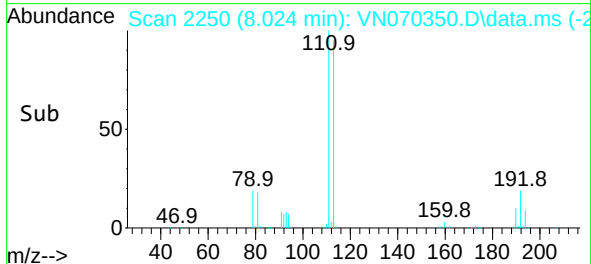


#35
 Dibromofluoromethane
 Concen: 51.628 ug/l
 RT: 8.024 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VN070350.D
 Acq: 29 Dec 2021 15:50

Instrument :
 MSVOA_N
 ClientSampleId :

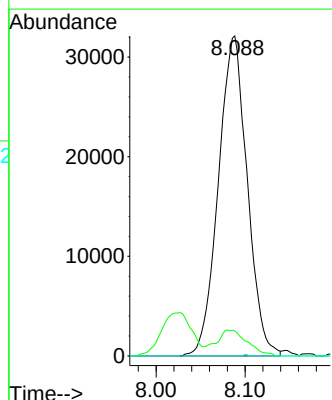
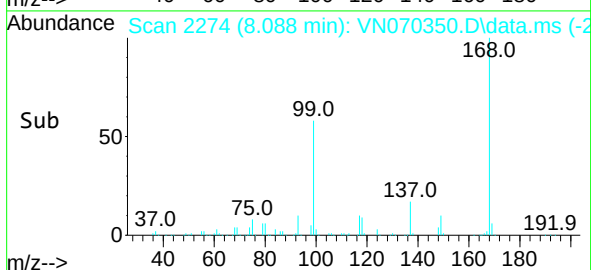
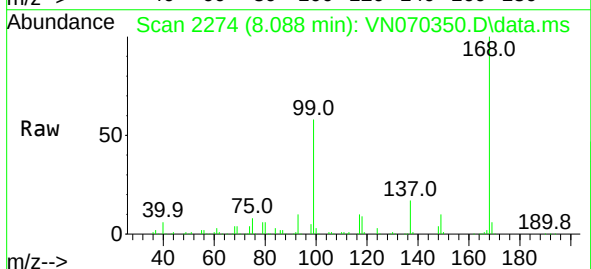


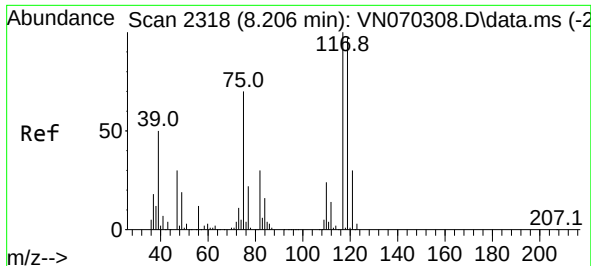
Tgt Ion:113 Resp: 472510
 Ion Ratio Lower Upper
 113 100
 111 103.7 82.2 123.2
 192 19.5 16.9 25.3



#36
 1,1-Dichloropropene
 Concen: 4.787 ug/l
 RT: 8.088 min Scan# 2274
 Delta R.T. -0.132 min
 Lab File: VN070350.D
 Acq: 29 Dec 2021 15:50

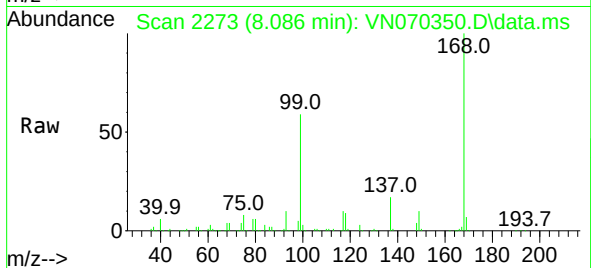
Tgt Ion: 75 Resp: 72471
 Ion Ratio Lower Upper
 75 100
 110 8.6 18.4 55.2#
 77 0.0 24.4 36.6#



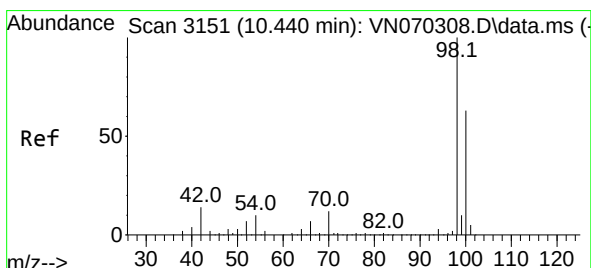
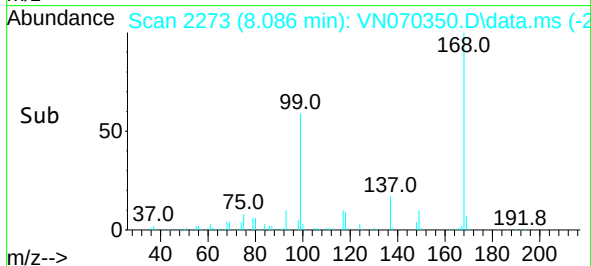
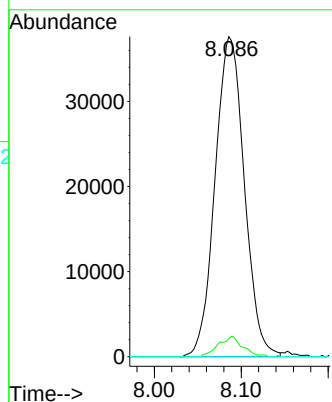


#38
Carbon Tetrachloride
Concen: 6.077 ug/l
RT: 8.086 min Scan# 211
Delta R.T. -0.120 min
Lab File: VN070350.D
Acq: 29 Dec 2021 15:50

Instrument :
MSVOA_N
ClientSampleId :

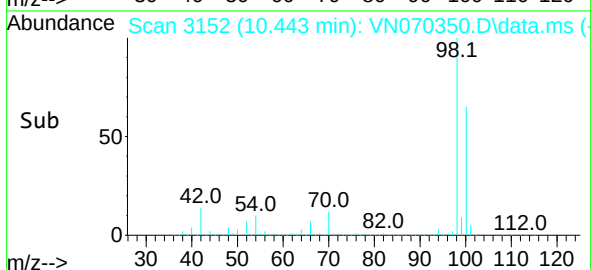
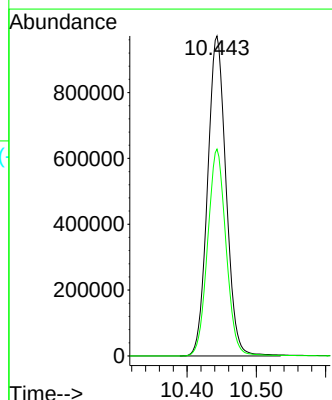
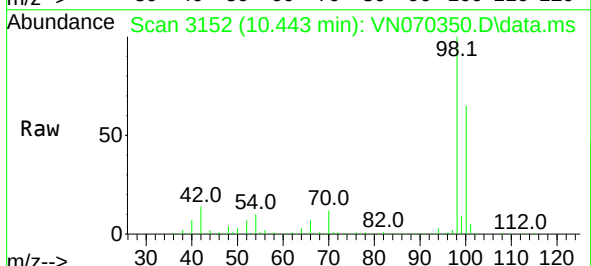


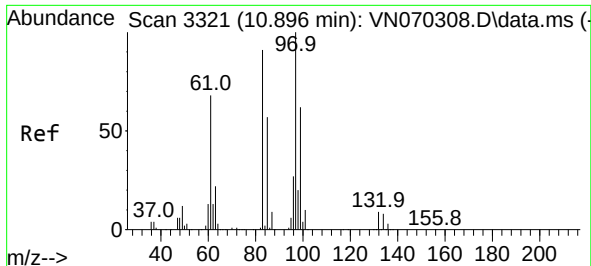
Tgt Ion:117 Resp: 87853
Ion Ratio Lower Upper
117 100
119 5.7 76.1 114.1#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 48.173 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.003 min
Lab File: VN070350.D
Acq: 29 Dec 2021 15:50

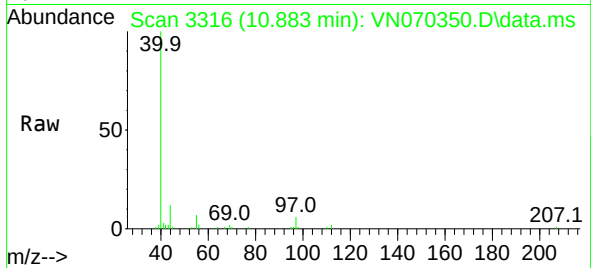
Tgt Ion: 98 Resp: 1801073
Ion Ratio Lower Upper
98 100
100 64.4 50.4 75.6





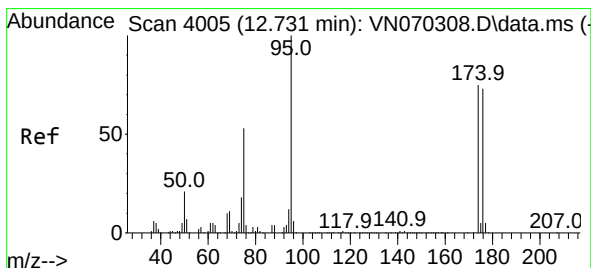
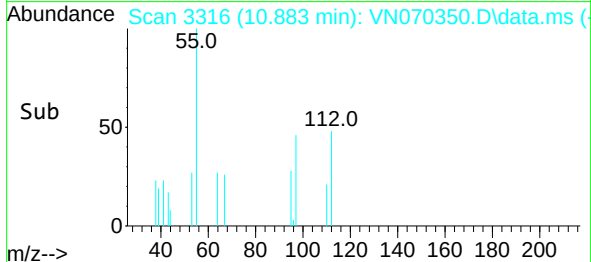
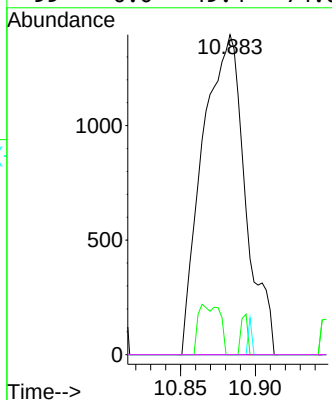
#55
 1,1,2-Trichloroethane
 Concen: 0.250 ug/l
 RT: 10.883 min Scan# 31
 Delta R.T. -0.013 min
 Lab File: VN070350.D
 Acq: 29 Dec 2021 15:50

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 97 Resp: 2775

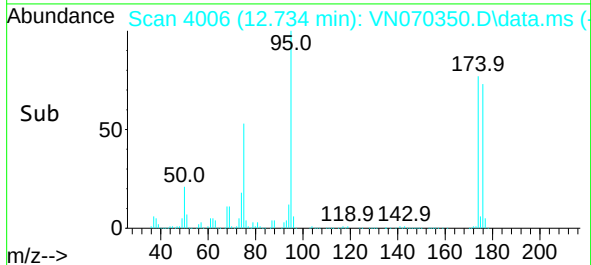
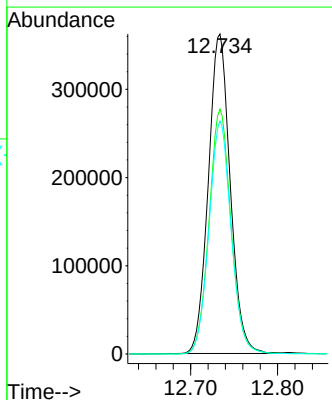
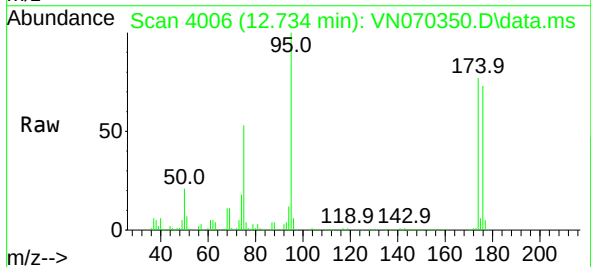
Ion	Ratio	Lower	Upper
97	100		
83	0.0	67.8	101.6#
85	0.0	45.4	68.2#
99	0.0	49.4	74.0#

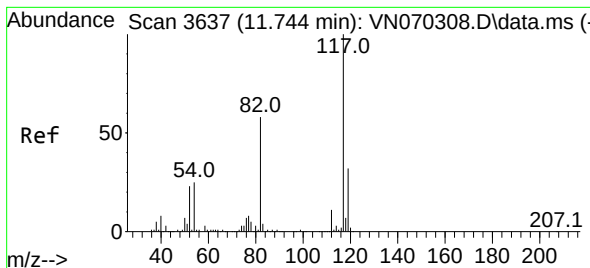


#62
 4-Bromofluorobenzene
 Concen: 46.929 ug/l
 RT: 12.734 min Scan# 4006
 Delta R.T. 0.003 min
 Lab File: VN070350.D
 Acq: 29 Dec 2021 15:50

Tgt Ion: 95 Resp: 633715

Ion	Ratio	Lower	Upper
95	100		
174	77.1	0.0	187.2
176	73.7	0.0	181.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.747 min Scan# 3637

Delta R.T. 0.003 min

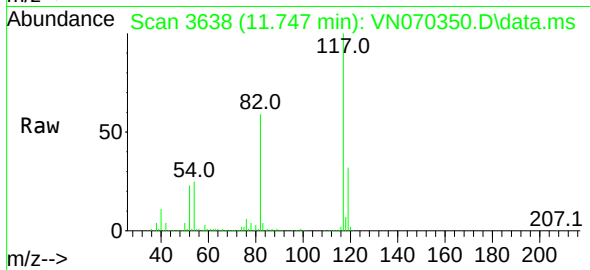
Lab File: VN070350.D

Acq: 29 Dec 2021 15:50

Instrument :

MSVOA_N

ClientSampleId :



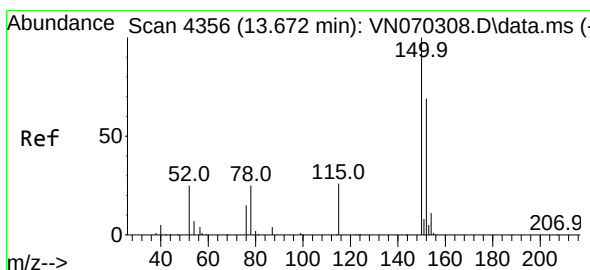
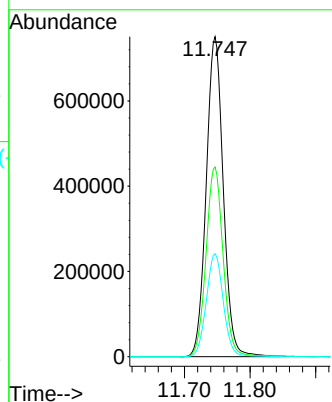
Tgt Ion:117 Resp: 1354229

Ion Ratio Lower Upper

117 100

82 59.3 42.4 63.6

119 32.2 25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.678 min Scan# 4358

Delta R.T. 0.006 min

Lab File: VN070350.D

Acq: 29 Dec 2021 15:50

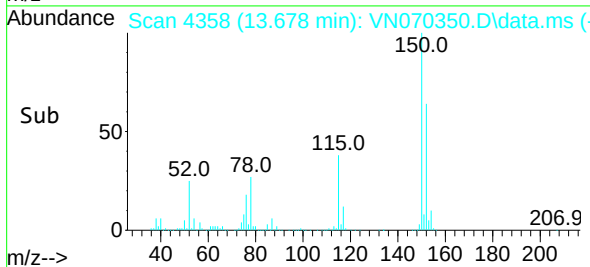
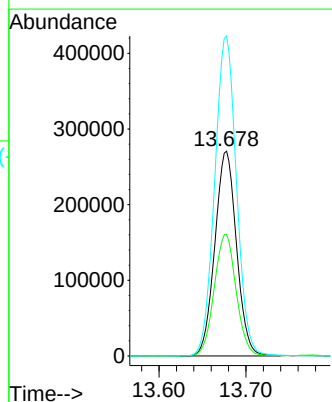
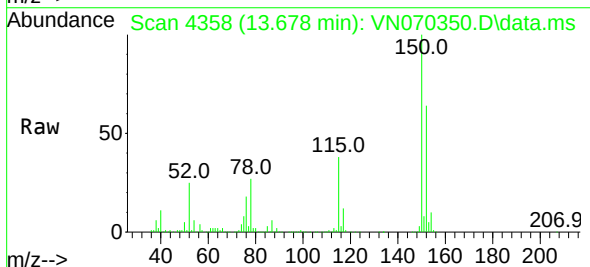
Tgt Ion:152 Resp: 468307

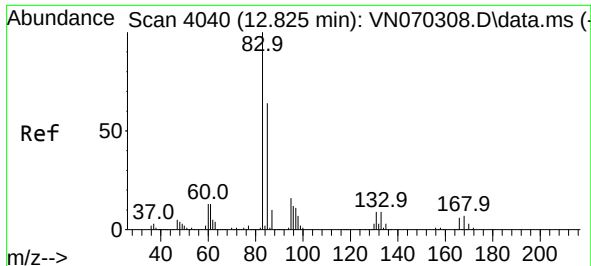
Ion Ratio Lower Upper

152 100

115 60.4 27.5 82.5

150 157.5 0.0 344.4

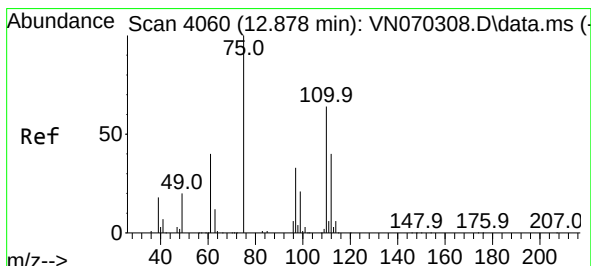
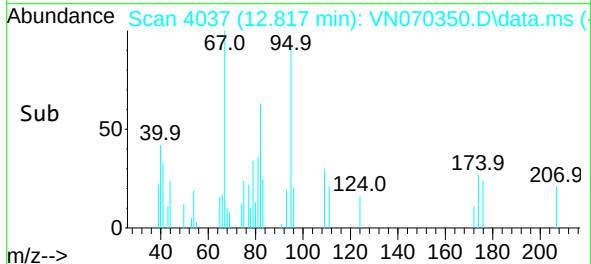
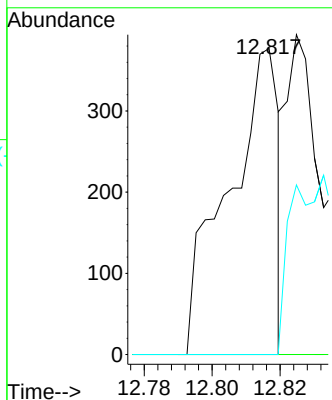
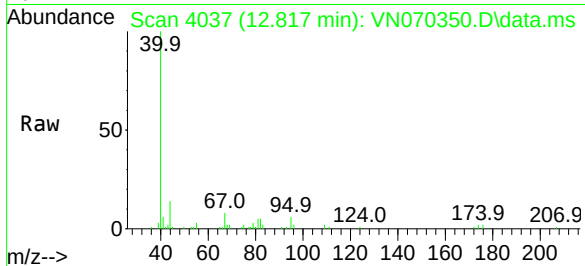




#75
1,1,2,2-Tetrachloroethane
Concen: 0.471 ug/l
RT: 12.817 min Scan# 4040
Delta R.T. -0.008 min
Lab File: VN070350.D
Acq: 29 Dec 2021 15:50

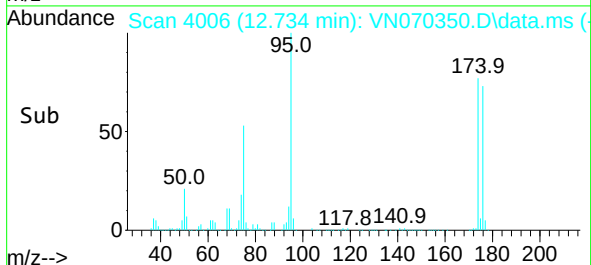
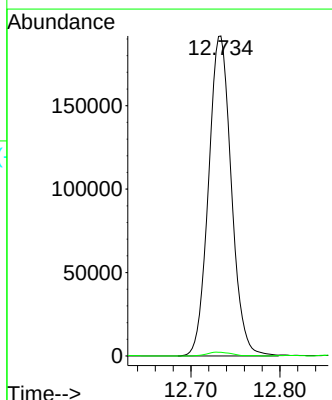
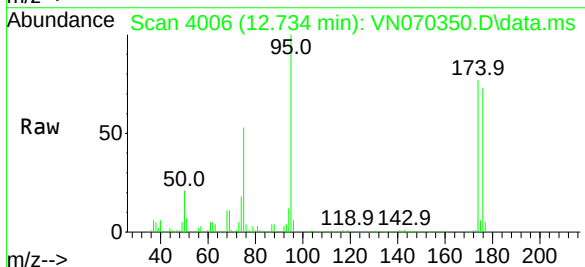
Instrument :
MSVOA_N
ClientSampleId :

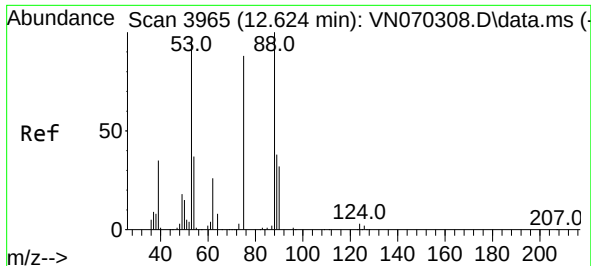
Tgt Ion: 83 Resp: 387
Ion Ratio Lower Upper
83 100
131 0.0 5.5 16.5#
85 47.5 32.4 97.2



#76
1,2,3-Trichloropropane
Concen: 26.005 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.144 min
Lab File: VN070350.D
Acq: 29 Dec 2021 15:50

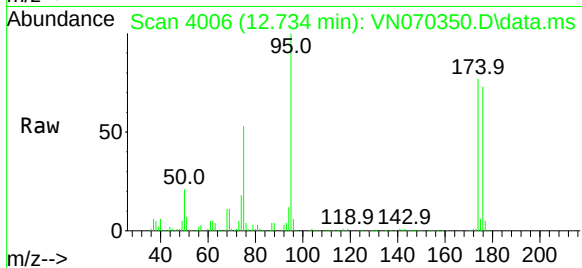
Tgt Ion: 75 Resp: 341290
Ion Ratio Lower Upper
75 100
77 1.3 82.6 247.8#



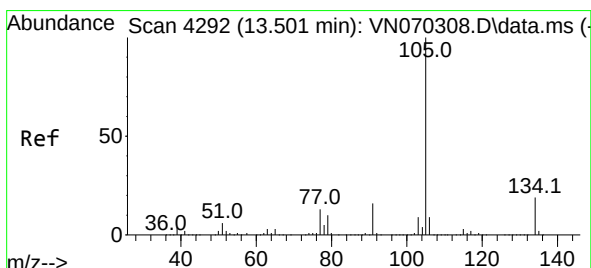
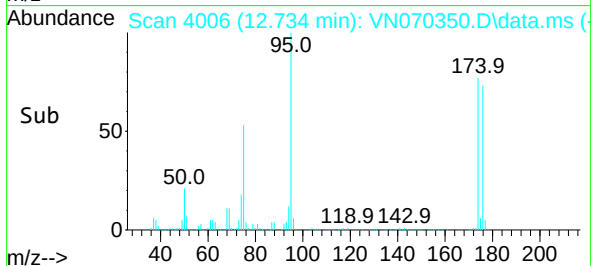
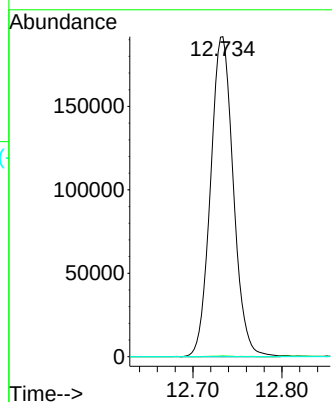


#81
trans-1,4-Dichloro-2-butene
Concen: 89.039 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.110 min
Lab File: VN070350.D
Acq: 29 Dec 2021 15:50

Instrument :
MSVOA_N
ClientSampleId :

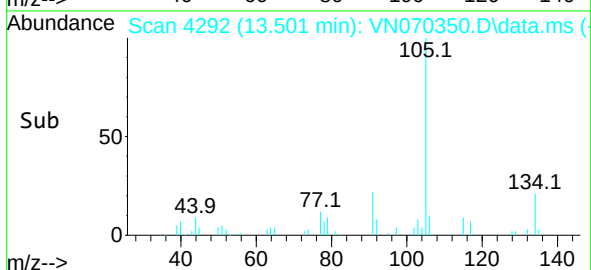
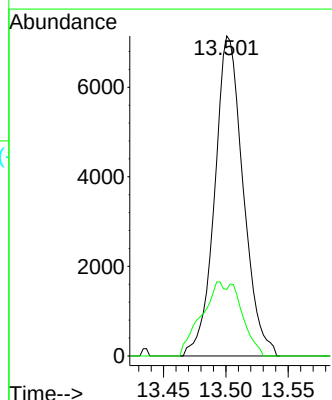
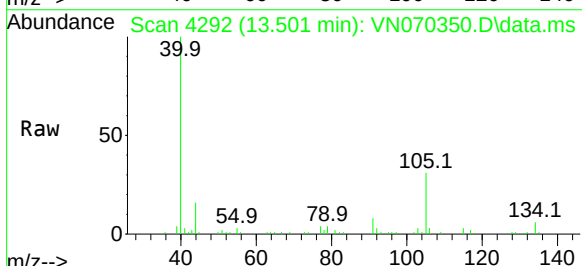


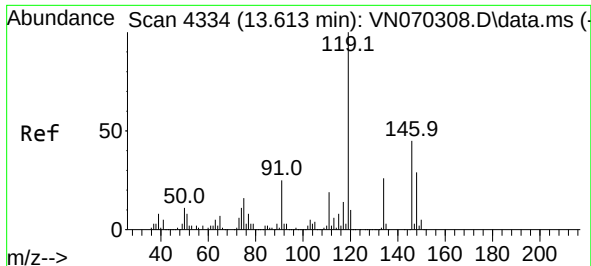
Tgt Ion: 75 Resp: 341290
Ion Ratio Lower Upper
75 100
53 0.2 90.5 135.7#
89 0.0 38.2 57.4#



#85
sec-Butylbenzene
Concen: 0.273 ug/l
RT: 13.501 min Scan# 4292
Delta R.T. -0.000 min
Lab File: VN070350.D
Acq: 29 Dec 2021 15:50

Tgt Ion: 105 Resp: 11360
Ion Ratio Lower Upper
105 100
134 20.4 10.4 31.1

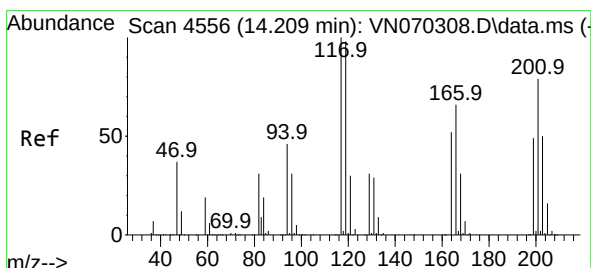
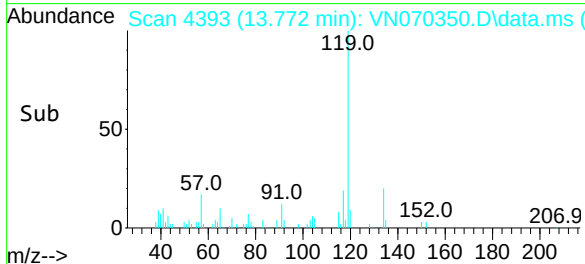
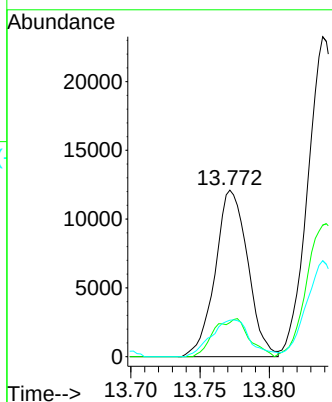
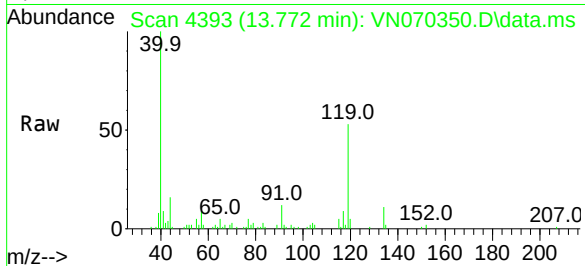




#86
p-Isopropyltoluene
Concen: 0.605 ug/l
RT: 13.772 min Scan# 41
Delta R.T. 0.159 min
Lab File: VN070350.D
Acq: 29 Dec 2021 15:50

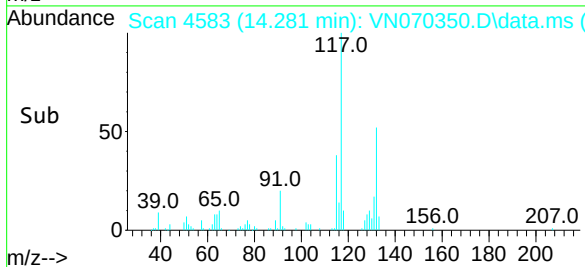
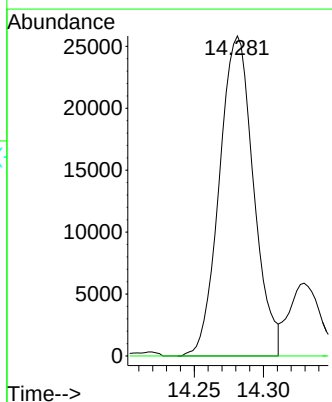
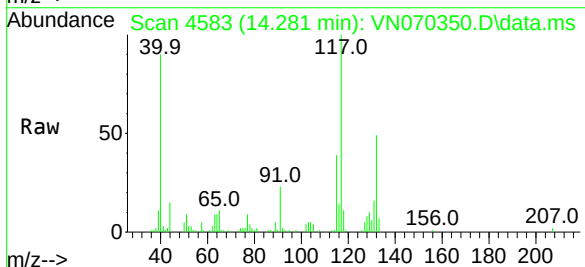
Instrument :
MSVOA_N
ClientSampleId :

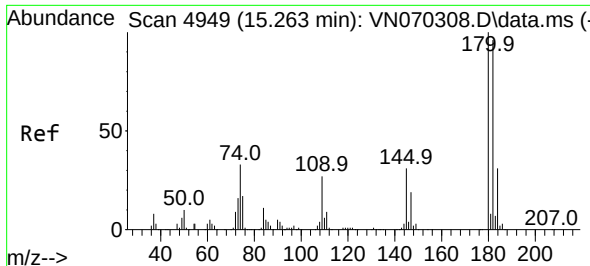
Tgt Ion:119 Resp: 19788
Ion Ratio Lower Upper
119 100
134 24.7 13.6 40.7
91 26.4 11.4 34.1



#90
Hexachloroethane
Concen: 7.823 ug/l
RT: 14.281 min Scan# 4583
Delta R.T. 0.072 min
Lab File: VN070350.D
Acq: 29 Dec 2021 15:50

Tgt Ion:117 Resp: 44478
Ion Ratio Lower Upper
117 100
201 0.0 43.9 131.6#

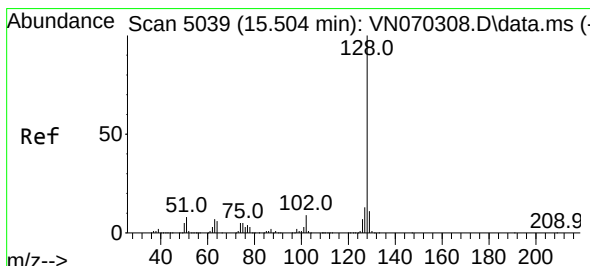
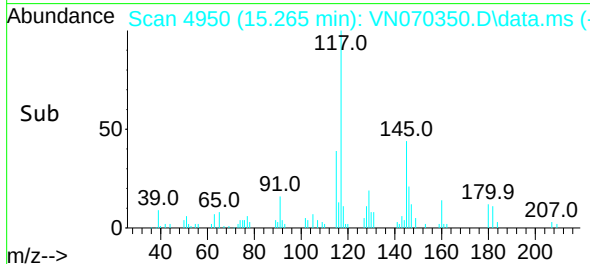
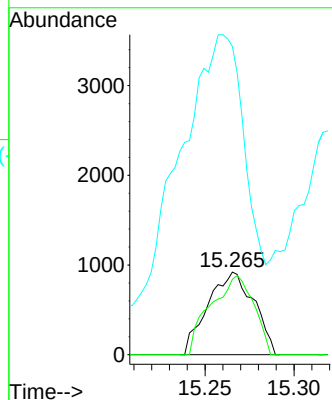
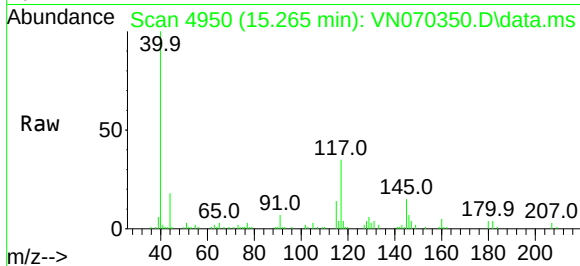




#93
1,2,4-Trichlorobenzene
Concen: 0.214 ug/l
RT: 15.265 min Scan# 4949
Delta R.T. 0.002 min
Lab File: VN070350.D
Acq: 29 Dec 2021 15:50

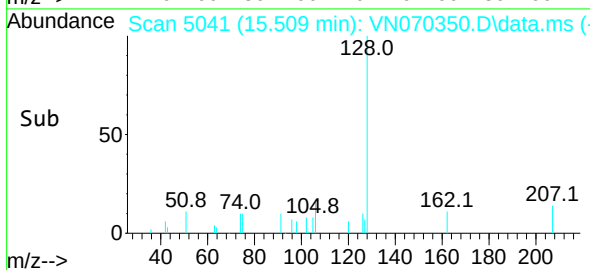
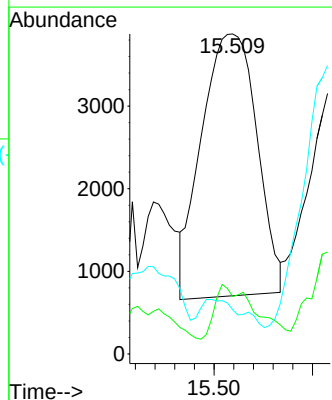
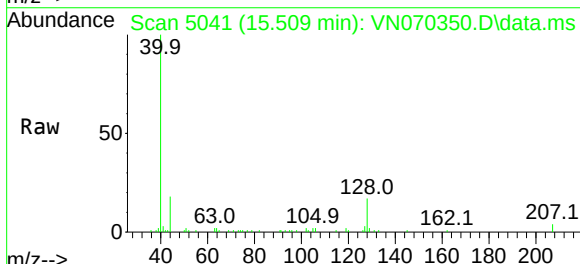
Instrument :
MSVOA_N
ClientSampleId :

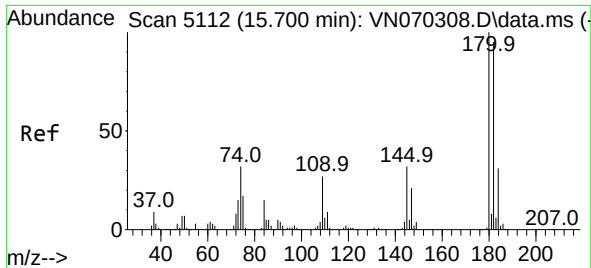
Tgt Ion:180 Resp: 1656
Ion Ratio Lower Upper
180 100
182 89.6 48.3 144.9
145 580.3 14.5 43.5#



#95
Naphthalene
Concen: 2.077 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.005 min
Lab File: VN070350.D
Acq: 29 Dec 2021 15:50

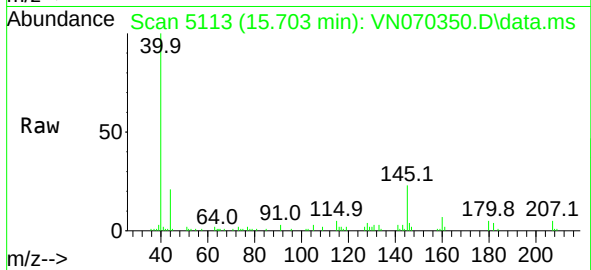
Tgt Ion:128 Resp: 6206
Ion Ratio Lower Upper
128 100
127 15.3 10.5 15.7
129 0.0 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.092 ug/l
 RT: 15.703 min Scan# 5113
 Delta R.T. 0.003 min
 Lab File: VN070350.D
 Acq: 29 Dec 2021 15:50

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180 Resp: 1999
 Ion Ratio Lower Upper
 180 100
 182 88.0 47.4 142.2
 145 0.0 15.0 45.1#

