

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122721\
 Data File : VN070321.D
 Acq On : 27 Dec 2021 20:17
 Operator : JC/MD
 Sample : M5092-06 10X
 Misc : 1.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 28 01:44:21 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)

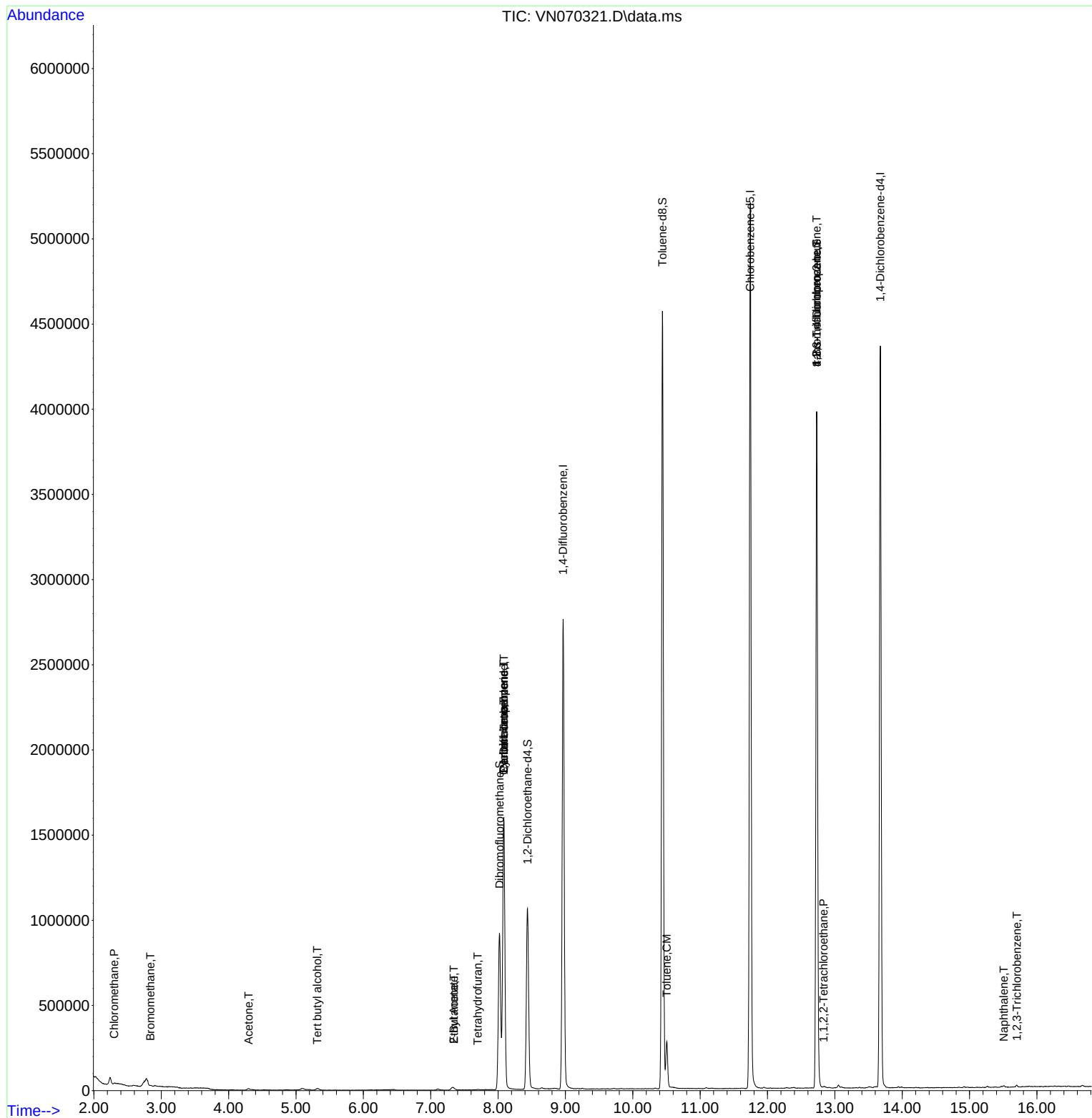
Internal Standards						
1) Pentafluorobenzene	8.086	168	1214471	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	2341159	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2905679	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1179813	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	925725	53.014	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 106.020%			
35) Dibromofluoromethane	8.021	113	677294	47.814	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 95.620%			
50) Toluene-d8	10.440	98	3151487	54.462	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 108.920%			
62) 4-Bromofluorobenzene	12.731	95	1437238	68.767	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 137.540%#			
Target Compounds						Qvalue
3) Chloromethane	2.301	50	3923	0.209	ug/l	95
5) Bromomethane	2.840	94	3445	0.391	ug/l	94
11) Tert butyl alcohol	5.315	59	10137	3.487	ug/l #	71
16) Acetone	4.296	43	9468	0.835	ug/l	92
25) 2-Butanone	7.343	43	11735	0.822	ug/l	99
29) Tetrahydrofuran	7.697	42	1738	0.204	ug/l #	73
31) Cyclohexane	8.083	56	28654	1.040	ug/l #	12
36) 1,1-Dichloropropene	8.083	75	100812	4.302	ug/l #	49
37) Ethyl Acetate	7.343	43	11735	0.386	ug/l #	68
38) Carbon Tetrachloride	8.086	117	119355	5.334	ug/l #	17
52) Toluene	10.505	92	106421	2.447	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.833	83	448	0.458	ug/l #	46
76) 1,2,3-Trichloropropane	12.731	75	762288	23.365	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.731	75	762288	78.940	ug/l #	5
95) Naphthalene	15.507	128	8749	1.954	ug/l #	87
96) 1,2,3-Trichlorobenzene	15.702	180	2222	0.944	ug/l #	90

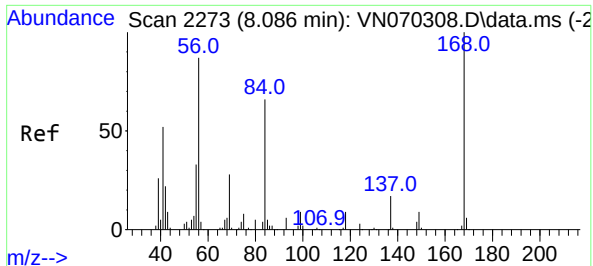
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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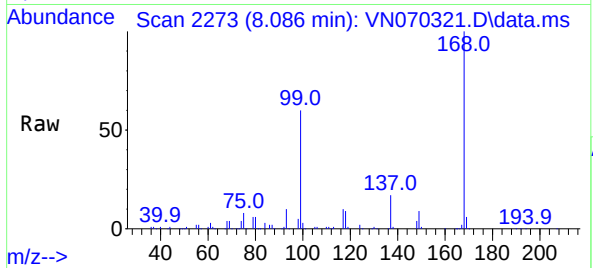
Quant Time: Dec 28 01:44:21 2021
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Quant Title : SW846 8260
QLast Update : Mon Dec 27 18:47:12 2021
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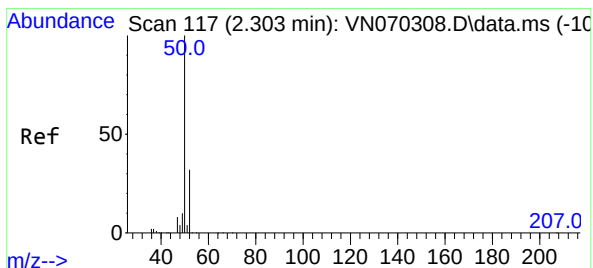
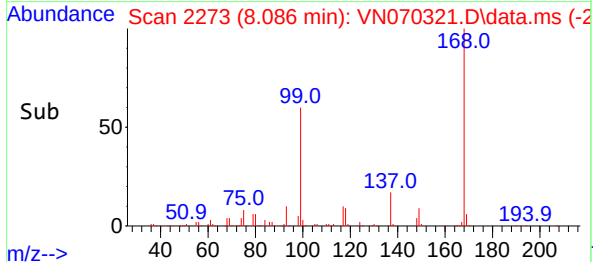
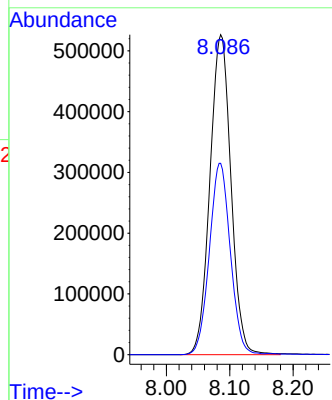


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070321.D
Acq: 27 Dec 2021 20:17

Instrument :
MSVOA_N
ClientSampleId :

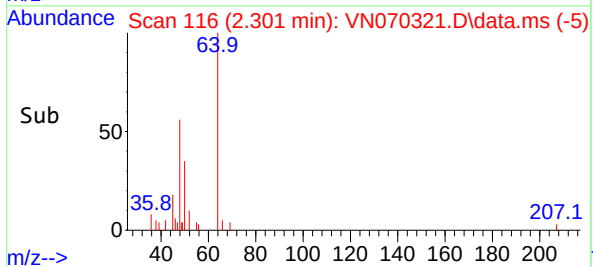
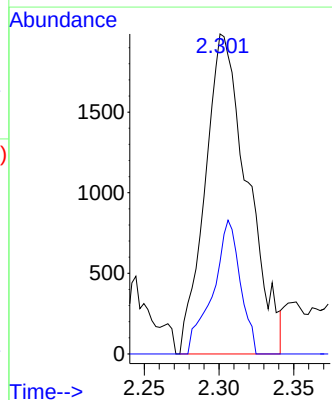
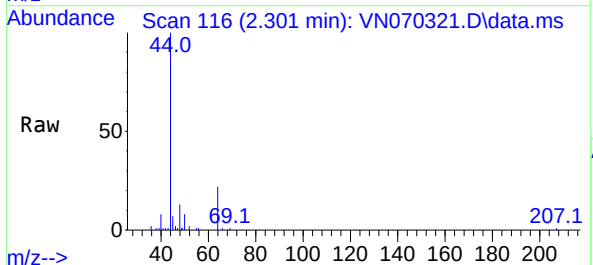


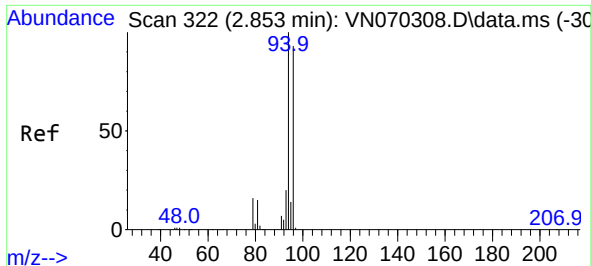
Tgt Ion:168 Resp: 1214471
Ion Ratio Lower Upper
168 100
99 59.8 41.3 61.9



#3
Chloromethane
Concen: 0.209 ug/l
RT: 2.301 min Scan# 116
Delta R.T. -0.002 min
Lab File: VN070321.D
Acq: 27 Dec 2021 20:17

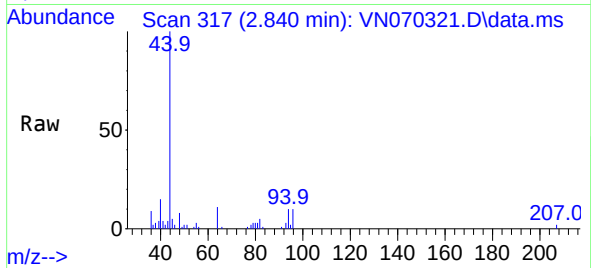
Tgt Ion: 50 Resp: 3923
Ion Ratio Lower Upper
50 100
52 28.8 25.4 38.0



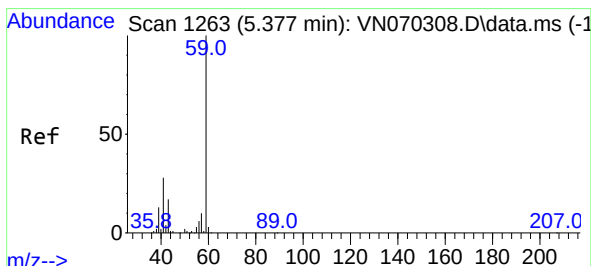
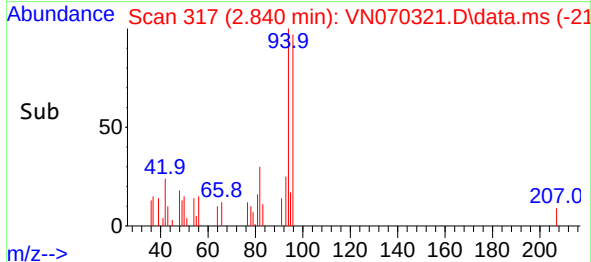
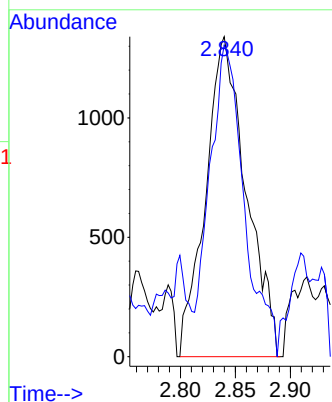


#5
Bromomethane
Concen: 0.391 ug/l
RT: 2.840 min Scan# 317
Delta R.T. -0.013 min
Lab File: VN070321.D
Acq: 27 Dec 2021 20:17

Instrument :
MSVOA_N
ClientSampleId :

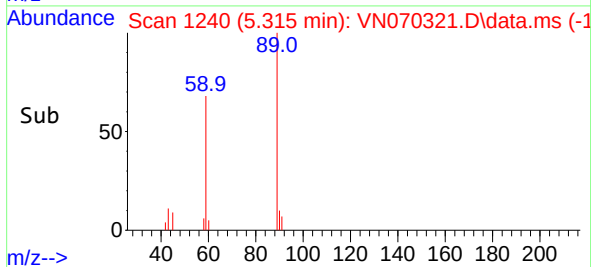
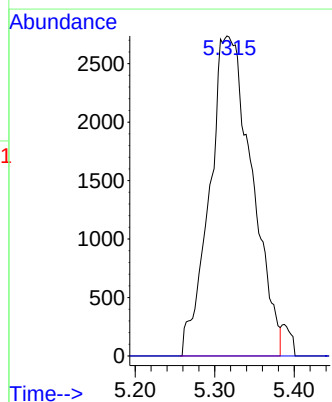
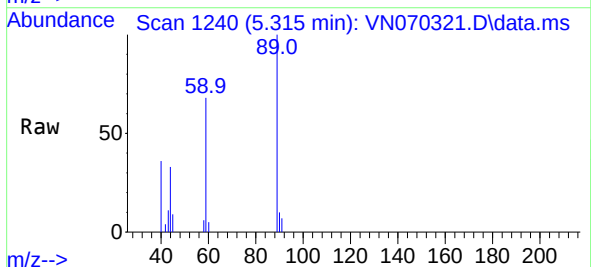


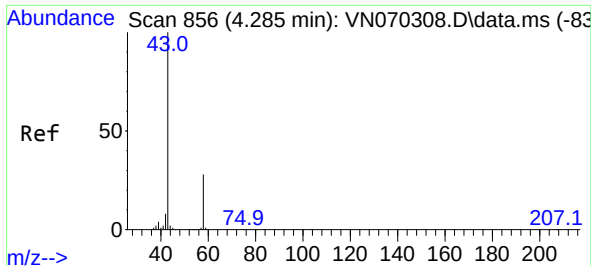
Tgt Ion: 94 Resp: 3445
Ion Ratio Lower Upper
94 100
96 86.2 73.8 110.8



#11
Tert butyl alcohol
Concen: 3.487 ug/l
RT: 5.315 min Scan# 1240
Delta R.T. -0.062 min
Lab File: VN070321.D
Acq: 27 Dec 2021 20:17

Tgt Ion: 59 Resp: 10137
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

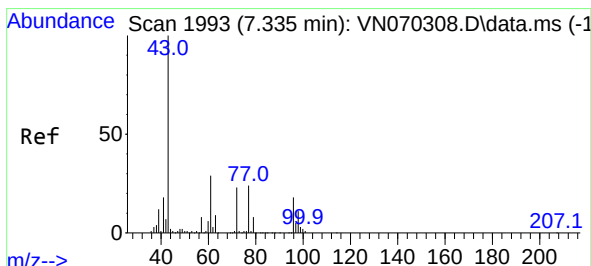
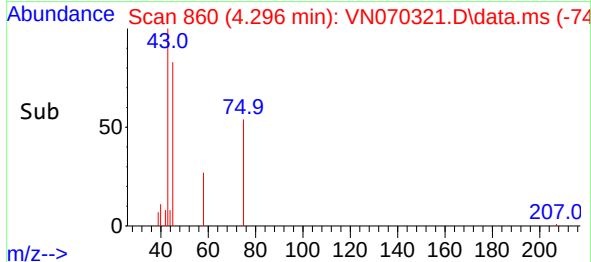
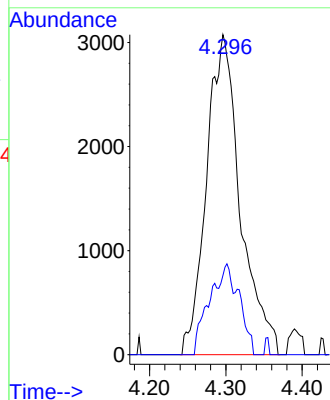
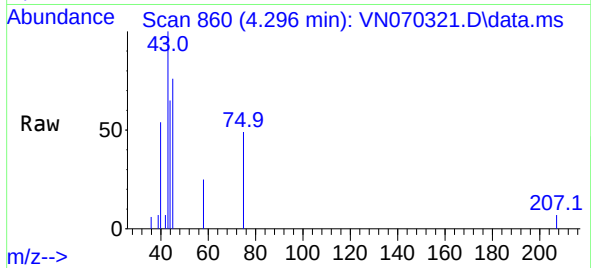




#16
Acetone
Concen: 0.835 ug/l
RT: 4.296 min Scan# 80
Delta R.T. 0.011 min
Lab File: VN070321.D
Acq: 27 Dec 2021 20:17

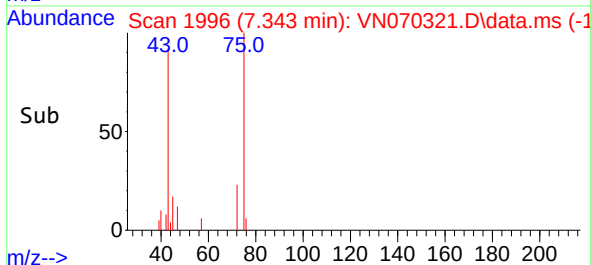
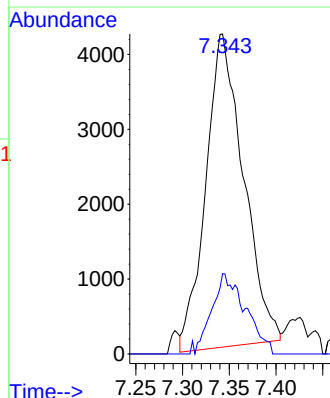
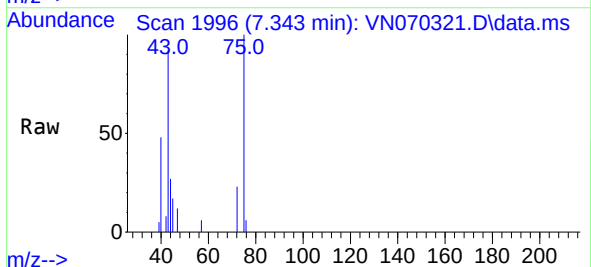
Instrument :
MSVOA_N
ClientSampleId :

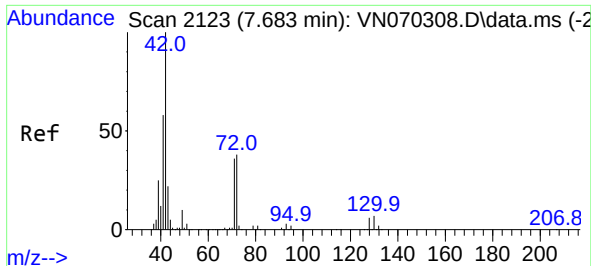
Tgt Ion: 43 Resp: 9468
Ion Ratio Lower Upper
43 100
58 24.8 23.1 34.7



#25
2-Butanone
Concen: 0.822 ug/l
RT: 7.343 min Scan# 1996
Delta R.T. 0.008 min
Lab File: VN070321.D
Acq: 27 Dec 2021 20:17

Tgt Ion: 43 Resp: 11735
Ion Ratio Lower Upper
43 100
72 26.6 21.7 32.5





#29

Tetrahydrofuran

Concen: 0.204 ug/l

RT: 7.697 min Scan# 21

Delta R.T. 0.014 min

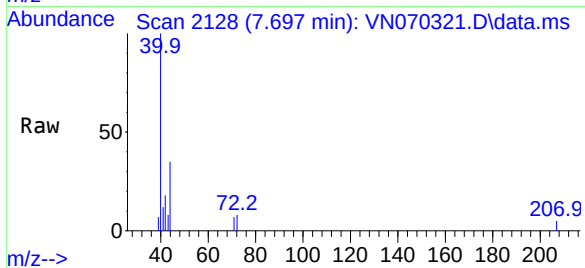
Lab File: VN070321.D

Acq: 27 Dec 2021 20:17

Instrument :

MSVOA_N

ClientSampleId :



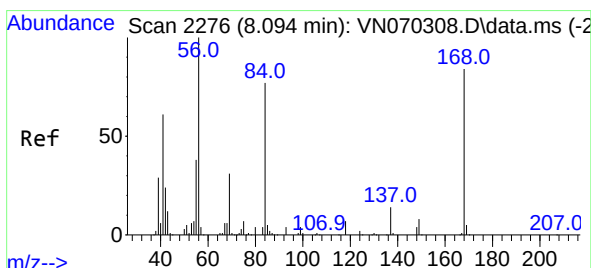
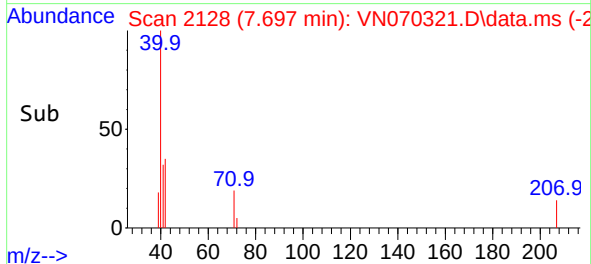
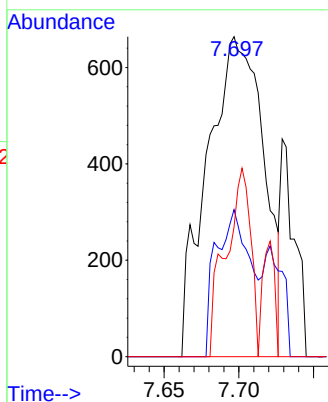
Tgt Ion: 42 Resp: 1738

Ion Ratio Lower Upper

42 100

72 27.5 36.3 54.5#

71 26.1 34.7 52.1#



#31

Cyclohexane

Concen: 1.040 ug/l

RT: 8.083 min Scan# 2272

Delta R.T. -0.011 min

Lab File: VN070321.D

Acq: 27 Dec 2021 20:17

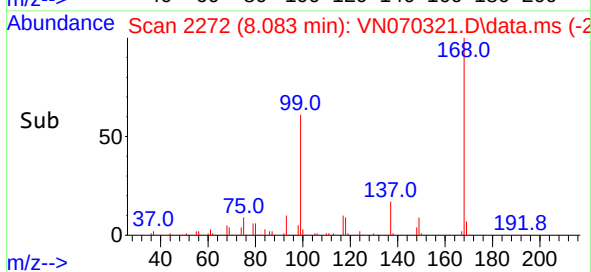
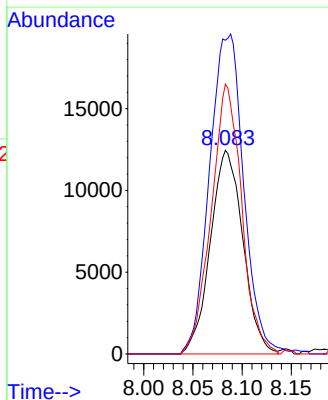
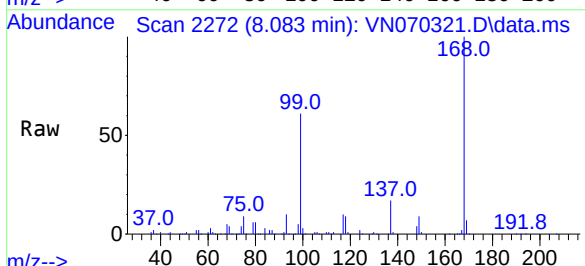
Tgt Ion: 56 Resp: 28654

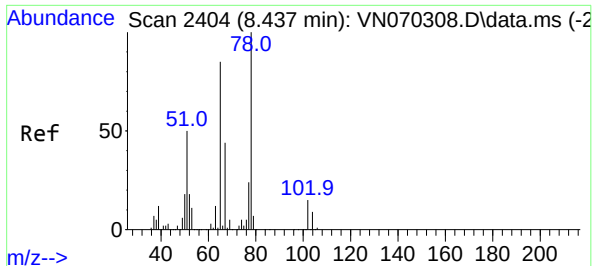
Ion Ratio Lower Upper

56 100

69 154.0 27.1 40.7#

84 132.5 73.4 110.0#





#33

1,2-Dichloroethane-d4

Concen: 53.014 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. 0.000 min

Lab File: VN070321.D

Acq: 27 Dec 2021 20:17

Instrument :

MSVOA_N

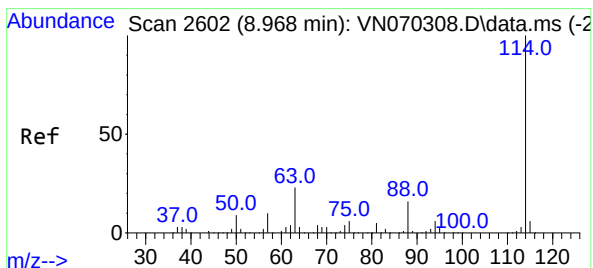
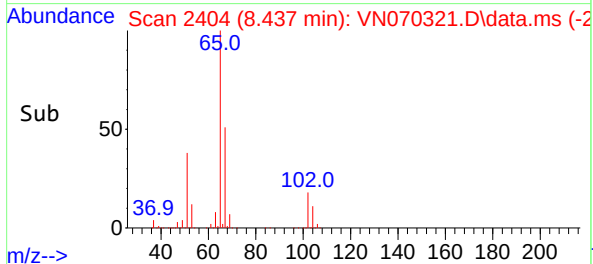
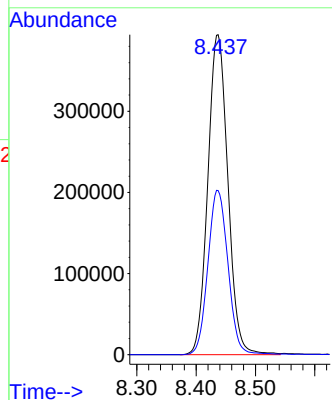
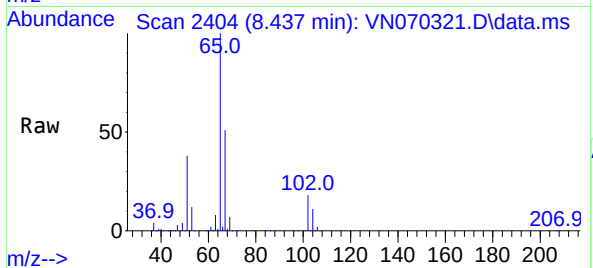
ClientSampleId :

Tgt Ion: 65 Resp: 925725

Ion Ratio Lower Upper

65 100

67 51.4 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: VN070321.D

Acq: 27 Dec 2021 20:17

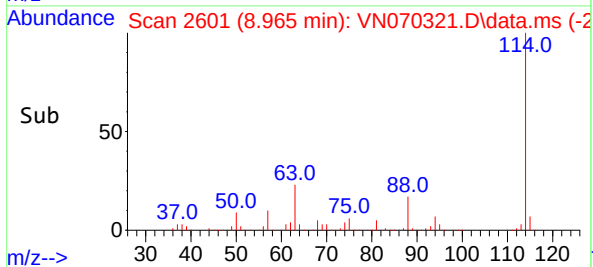
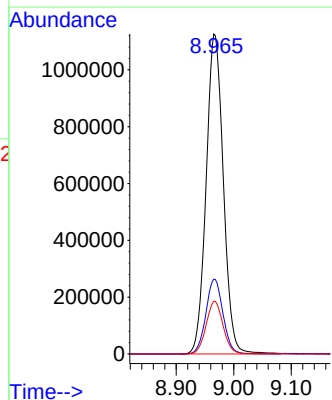
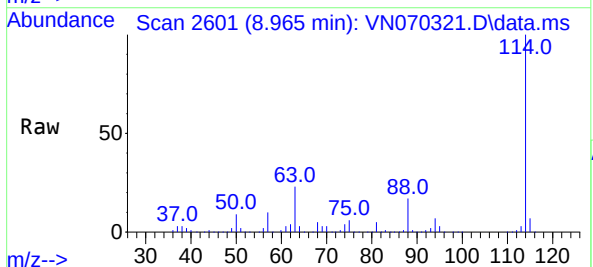
Tgt Ion: 114 Resp: 2341159

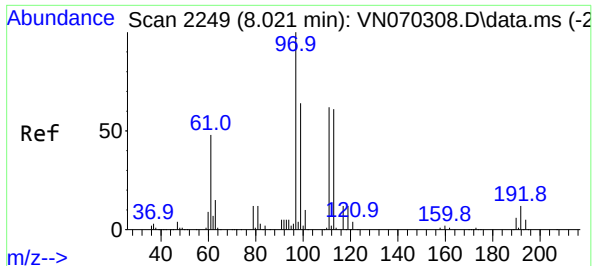
Ion Ratio Lower Upper

114 100

63 23.4 0.0 37.8

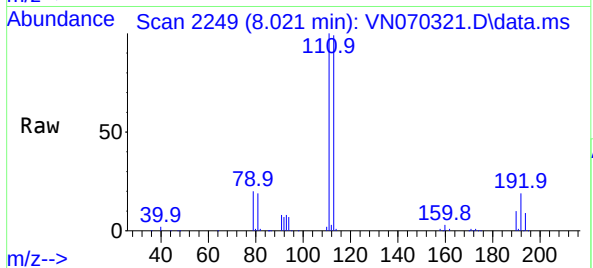
88 16.5 0.0 27.4



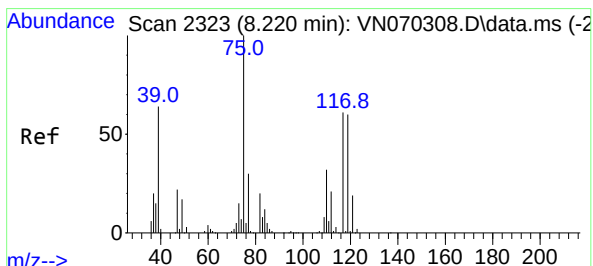
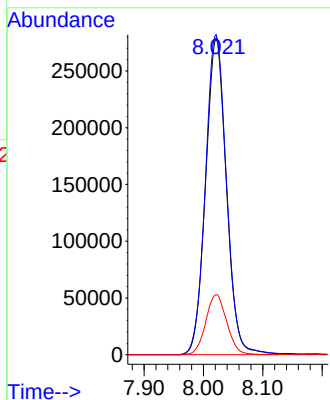
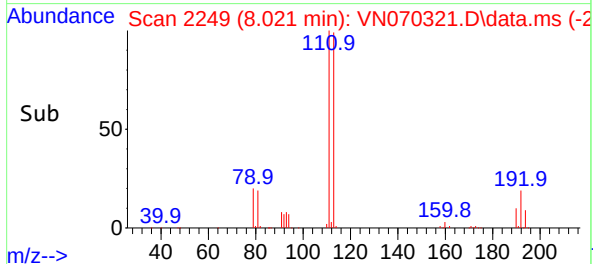


#35
Dibromofluoromethane
Concen: 47.814 ug/l
RT: 8.021 min Scan# 211
Delta R.T. 0.000 min
Lab File: VN070321.D
Acq: 27 Dec 2021 20:17

Instrument :
MSVOA_N
ClientSampleId :

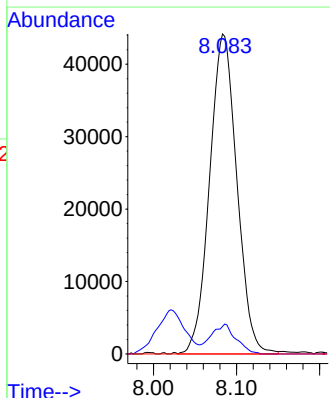
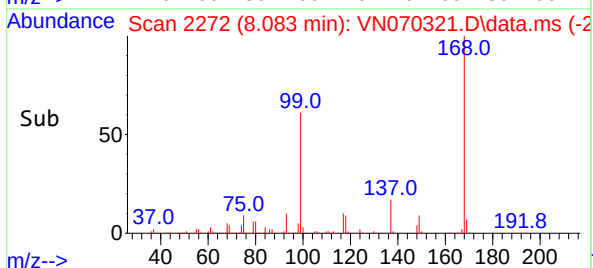
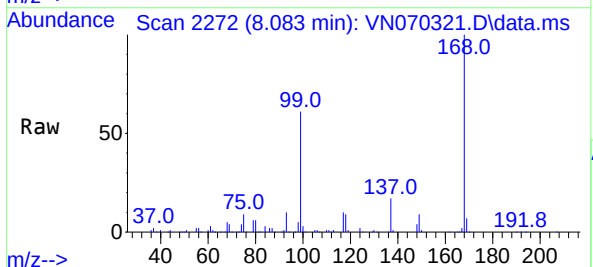


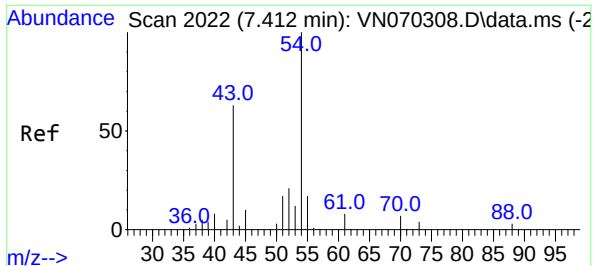
Tgt Ion:113 Resp: 677294
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.2
192 19.3 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.302 ug/l
RT: 8.083 min Scan# 2272
Delta R.T. -0.137 min
Lab File: VN070321.D
Acq: 27 Dec 2021 20:17

Tgt Ion: 75 Resp: 100812
Ion Ratio Lower Upper
75 100
110 8.6 18.4 55.2#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 0.386 ug/l

RT: 7.343 min Scan# 1996

Delta R.T. -0.069 min

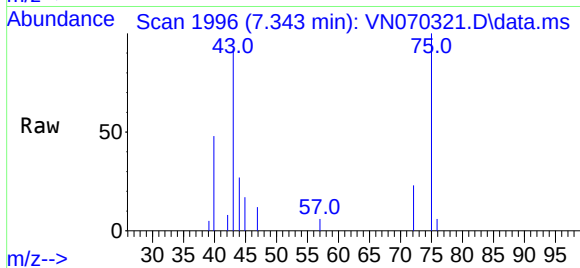
Lab File: VN070321.D

Acq: 27 Dec 2021 20:17

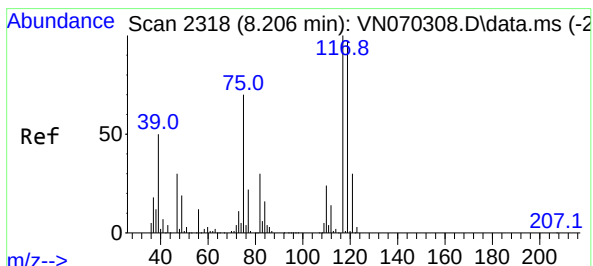
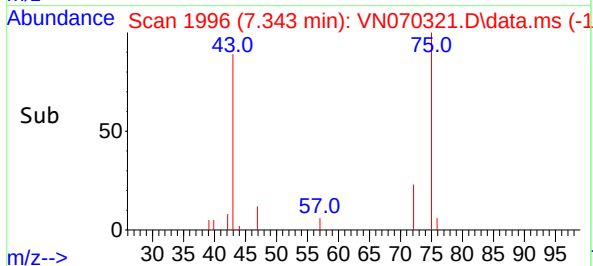
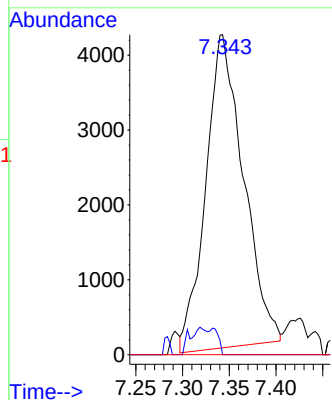
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	43	Resp:	11735
Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.5	17.3#
70	0.0	7.9	11.9#



#38

Carbon Tetrachloride

Concen: 5.334 ug/l

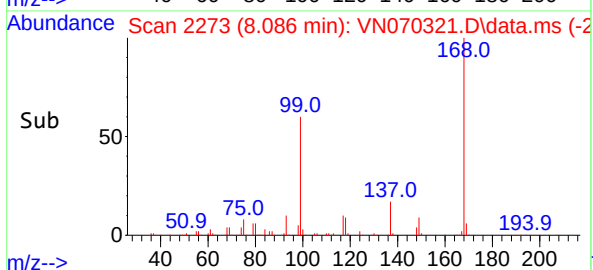
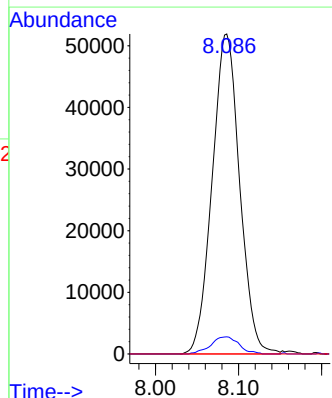
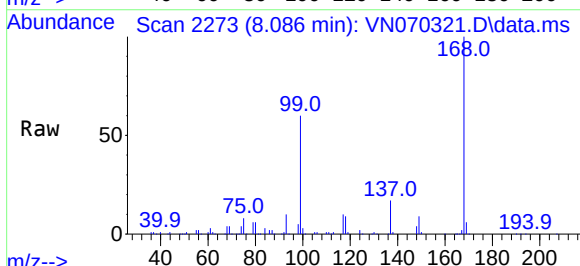
RT: 8.086 min Scan# 2273

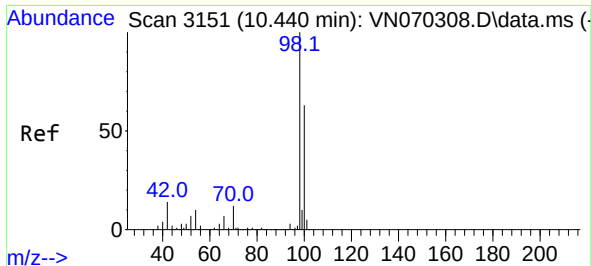
Delta R.T. -0.120 min

Lab File: VN070321.D

Acq: 27 Dec 2021 20:17

Tgt Ion:	117	Resp:	119355
Ion	Ratio	Lower	Upper
117	100		
119	5.4	76.1	114.1#
121	0.0	24.2	36.2#

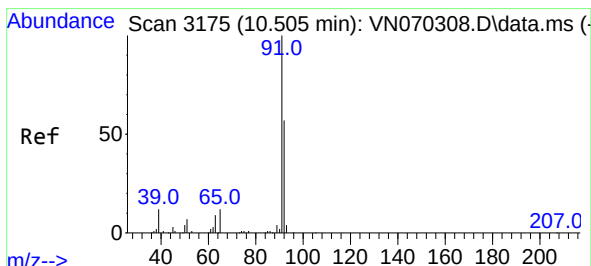
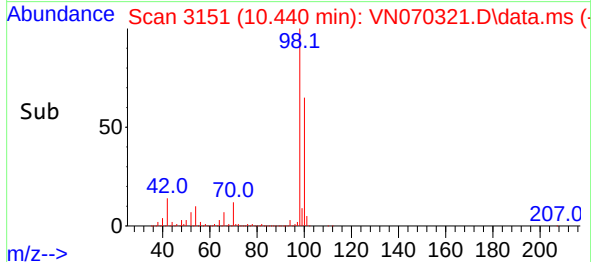
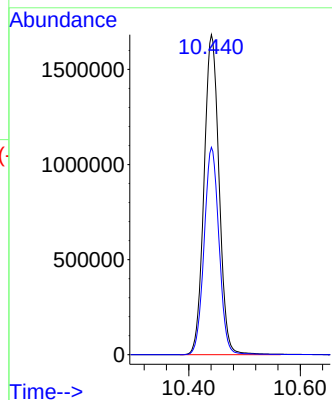
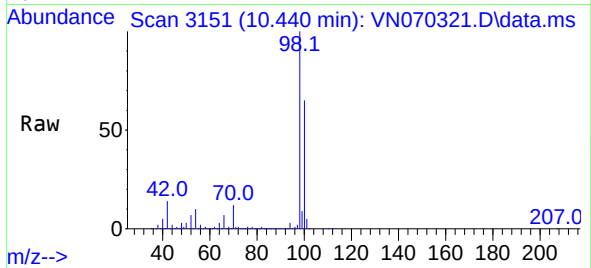




#50
Toluene-d8
Concen: 54.462 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VN070321.D
Acq: 27 Dec 2021 20:17

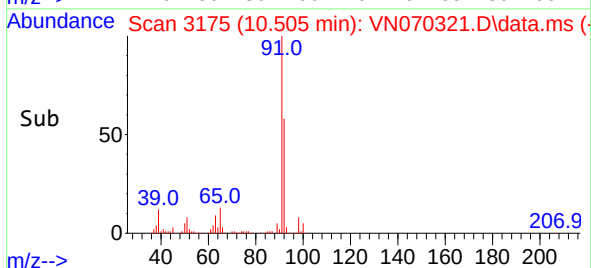
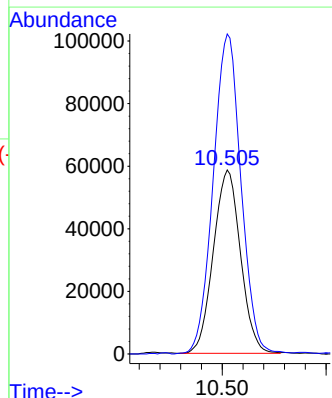
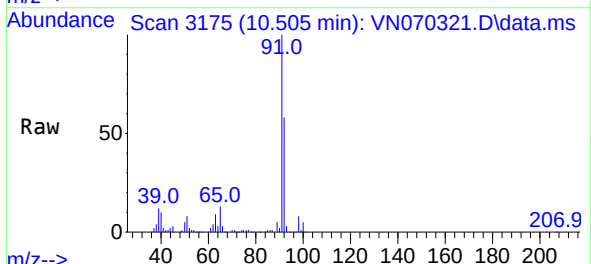
Instrument :
MSVOA_N
ClientSampleId :

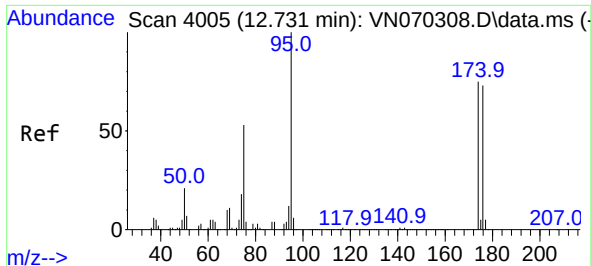
Tgt Ion: 98 Resp: 3151487
Ion Ratio Lower Upper
98 100
100 64.1 50.4 75.6



#52
Toluene
Concen: 2.447 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN070321.D
Acq: 27 Dec 2021 20:17

Tgt Ion: 92 Resp: 106421
Ion Ratio Lower Upper
92 100
91 179.0 142.0 213.0

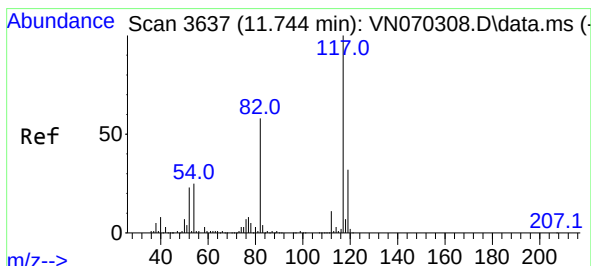
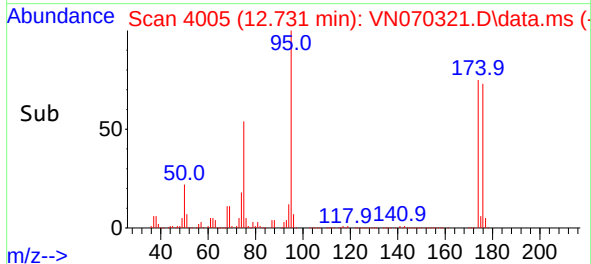
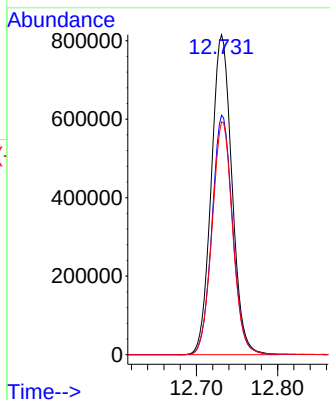
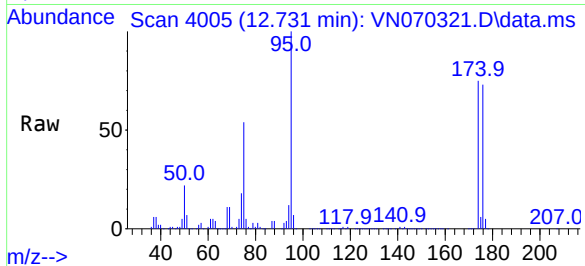




#62
4-Bromofluorobenzene
Concen: 68.767 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070321.D
Acq: 27 Dec 2021 20:17

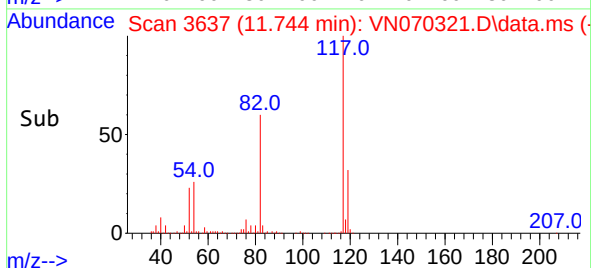
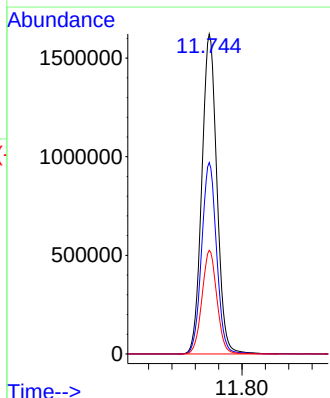
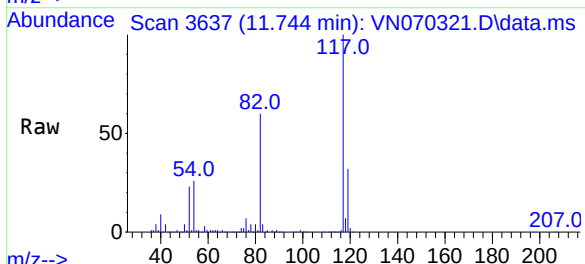
Instrument :
MSVOA_N
ClientSampleId :

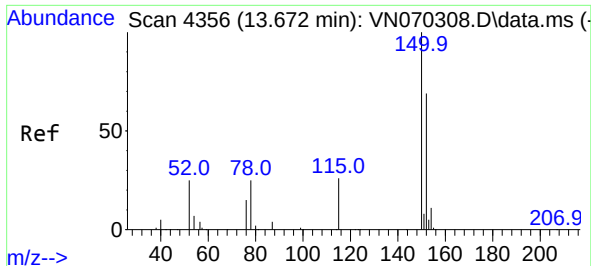
Tgt Ion: 95 Resp: 1437238
Ion Ratio Lower Upper
95 100
174 75.0 0.0 187.2
176 72.7 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.000 min
Lab File: VN070321.D
Acq: 27 Dec 2021 20:17

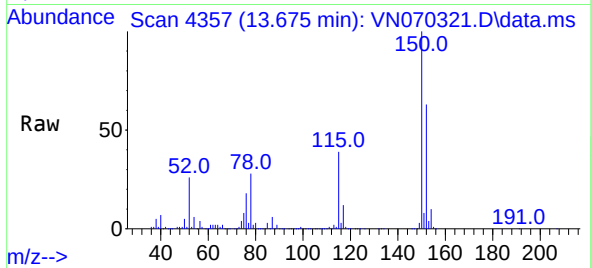
Tgt Ion: 117 Resp: 2905679
Ion Ratio Lower Upper
117 100
82 59.8 42.4 63.6
119 32.4 25.4 38.2



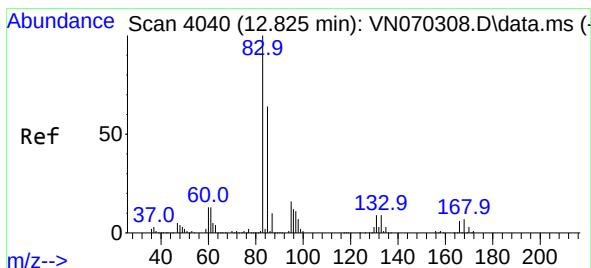
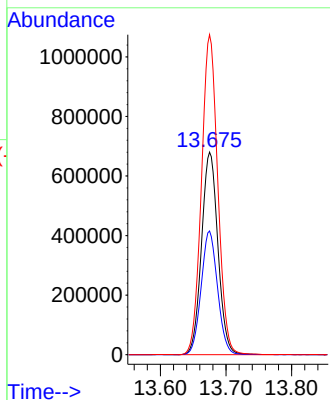
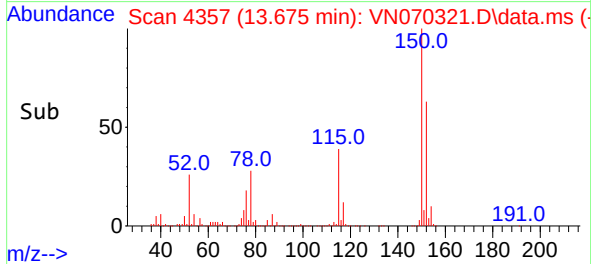


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 41
Delta R.T. 0.003 min
Lab File: VN070321.D
Acq: 27 Dec 2021 20:17

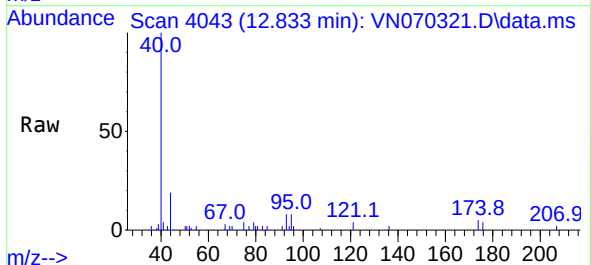
Instrument :
MSVOA_N
ClientSampleId :



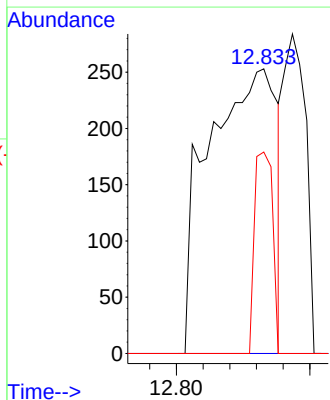
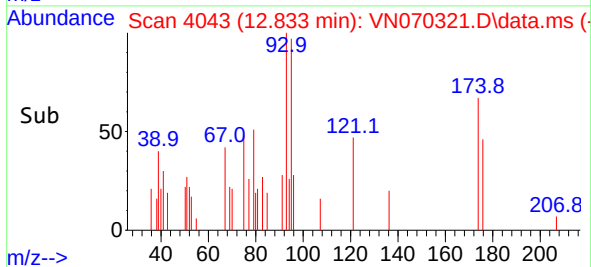
Tgt Ion:152 Resp: 1179813
Ion Ratio Lower Upper
152 100
115 61.1 27.5 82.5
150 157.0 0.0 344.4

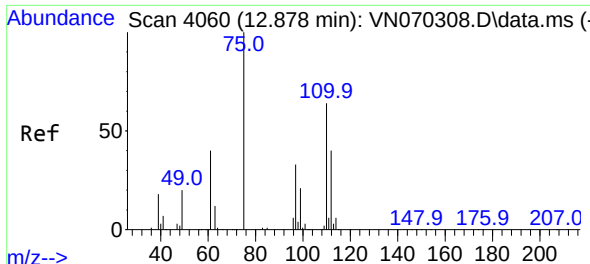


#75
1,1,2,2-Tetrachloroethane
Concen: 0.458 ug/l
RT: 12.833 min Scan# 4043
Delta R.T. 0.008 min
Lab File: VN070321.D
Acq: 27 Dec 2021 20:17



Tgt Ion: 83 Resp: 448
Ion Ratio Lower Upper
83 100
131 0.0 5.5 16.5#
85 18.8 32.4 97.2#

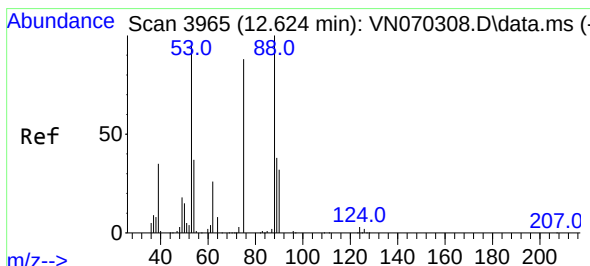
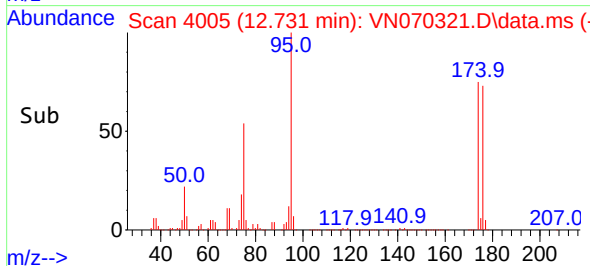
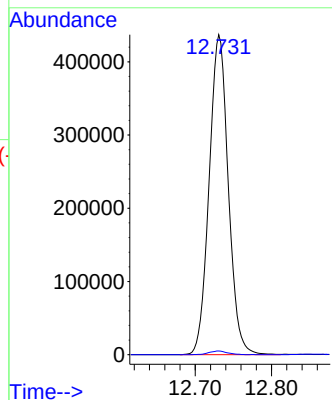
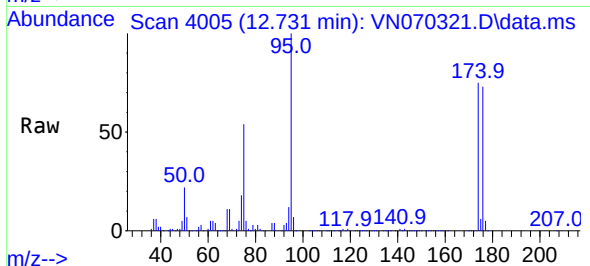




#76
1,2,3-Trichloropropane
Concen: 23.365 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.147 min
Lab File: VN070321.D
Acq: 27 Dec 2021 20:17

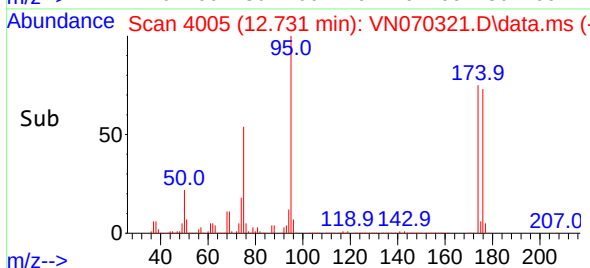
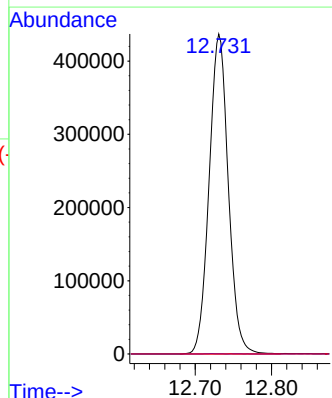
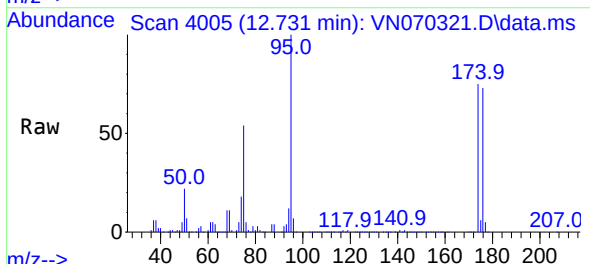
Instrument :
MSVOA_N
ClientSampleId :

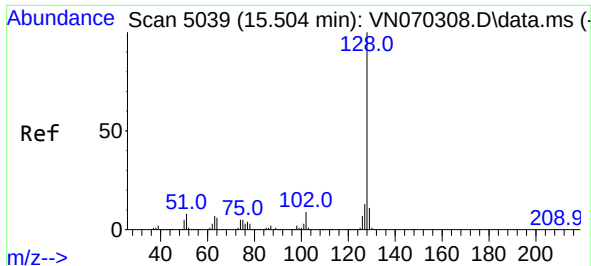
Tgt Ion: 75 Resp: 762288
Ion Ratio Lower Upper
75 100
77 1.1 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 78.940 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.107 min
Lab File: VN070321.D
Acq: 27 Dec 2021 20:17

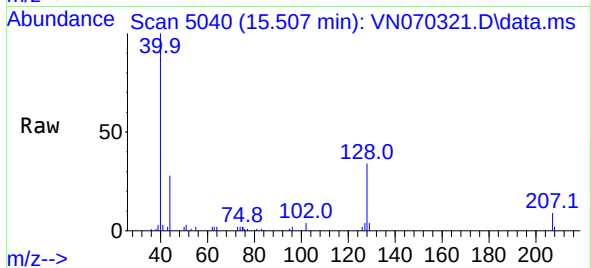
Tgt Ion: 75 Resp: 762288
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 38.2 57.4#



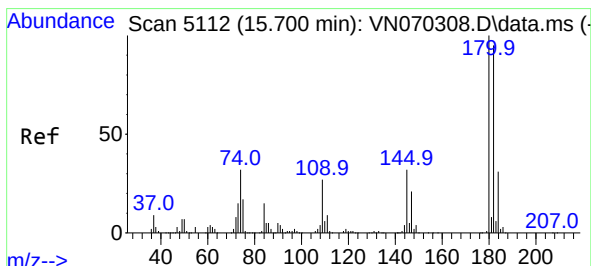
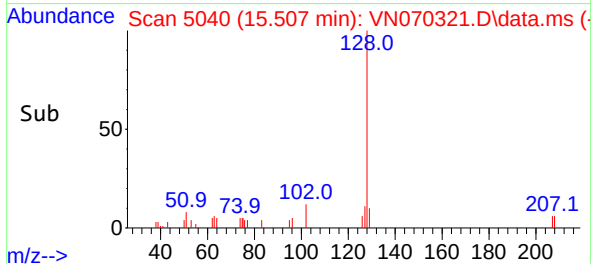
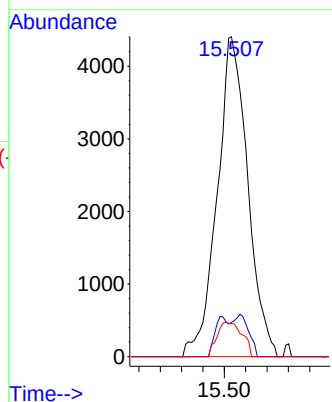


#95
Naphthalene
Concen: 1.954 ug/l
RT: 15.507 min Scan# 5039
Delta R.T. 0.003 min
Lab File: VN070321.D
Acq: 27 Dec 2021 20:17

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 8749
Ion Ratio Lower Upper
128 100
127 5.4 10.5 15.7#
129 8.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 0.944 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. 0.002 min
Lab File: VN070321.D
Acq: 27 Dec 2021 20:17

Tgt Ion:180 Resp: 2222
Ion Ratio Lower Upper
180 100
182 90.8 47.4 142.2
145 14.6 15.0 45.1#

