

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011922\
 Data File : VN070697.D
 Acq On : 19 Jan 2022 14:04
 Operator : JC/MD
 Sample : N1180-01 50X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 20 03:37:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 18 13:32:07 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

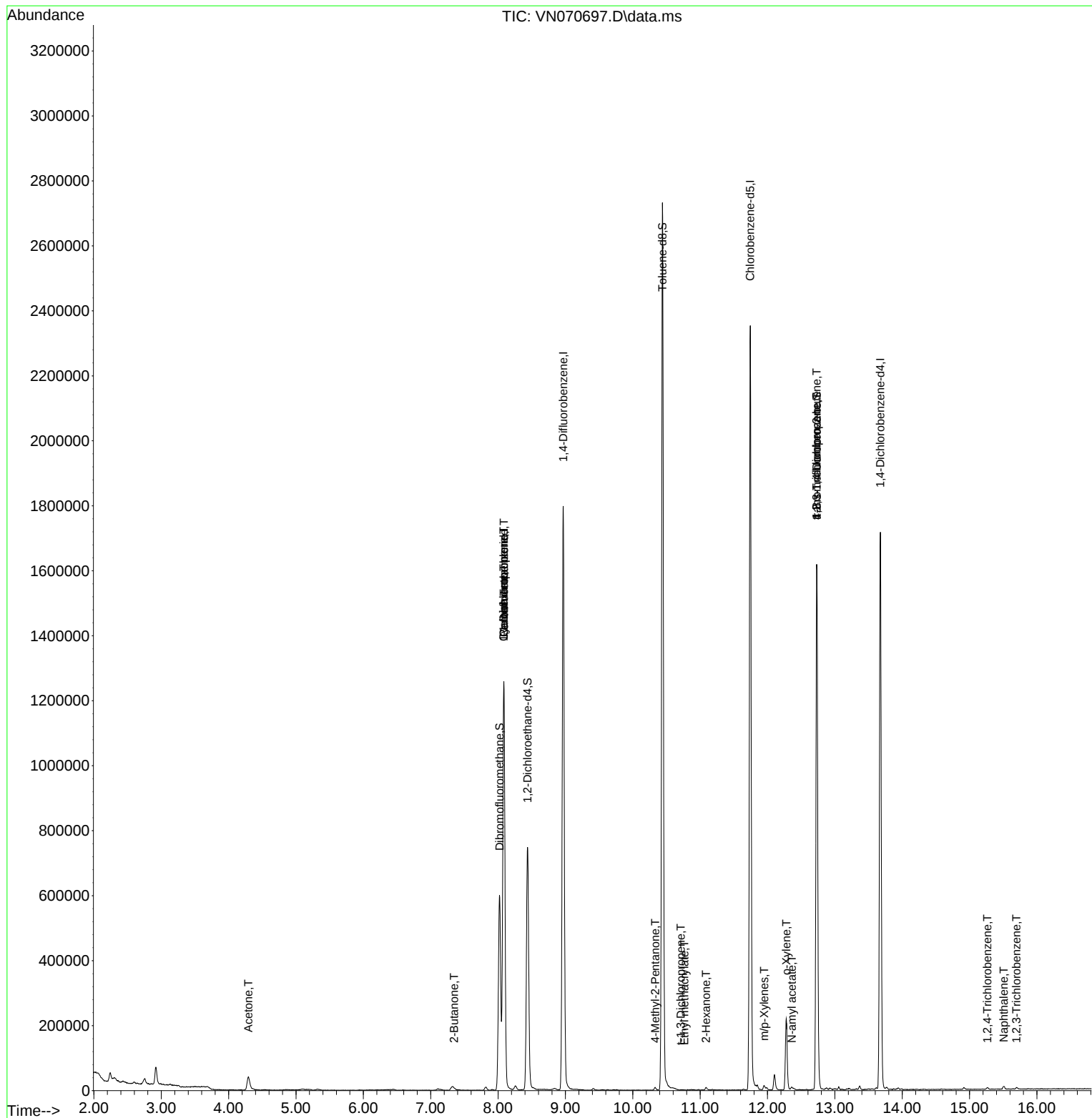
Internal Standards						
1) Pentafluorobenzene	8.085	168	965990	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1537246	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1346267	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	474774	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	651312	47.046	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.100%
35) Dibromofluoromethane	8.021	113	447354	46.914	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.820%
50) Toluene-d8	10.440	98	1894418	47.159	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	94.320%
62) 4-Bromofluorobenzene	12.731	95	610338	42.637	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	85.280%
Target Compounds						
					Qvalue	
16) Acetone	4.293	43	78947	8.216	ug/l	98
25) 2-Butanone	7.345	43	9415	0.779	ug/l #	88
30) Chloroform	7.823	83	9680	Below Cal		97
31) Cyclohexane	8.083	56	21853	0.896	ug/l #	3
36) 1,1-Dichloropropene	8.083	75	79935	4.979	ug/l #	49
38) Carbon Tetrachloride	8.085	117	96597	6.764	ug/l #	16
51) 4-Methyl-2-Pentanone	10.333	43	6835	0.329	ug/l #	85
53) t-1,3-Dichloropropene	10.711	75	162	2.412	ug/l #	47
56) Ethyl methacrylate	10.765	69	311	2.315	ug/l #	53
59) 2-Hexanone	11.087	43	7354	0.487	ug/l	87
68) m/p-Xylenes	11.950	106	4381	0.223	ug/l	88
69) o-Xylene	12.280	106	46919	2.403	ug/l	90
74) N-amyl acetate	12.361	43	9851	0.536	ug/l #	46
76) 1,2,3-Trichloropropane	12.731	75	320415	25.445	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.731	75	320415	75.806	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.265	180	2465	3.687	ug/l	78
95) Naphthalene	15.507	128	8976	5.277	ug/l #	83
96) 1,2,3-Trichlorobenzene	15.697	180	2066	3.446	ug/l #	23

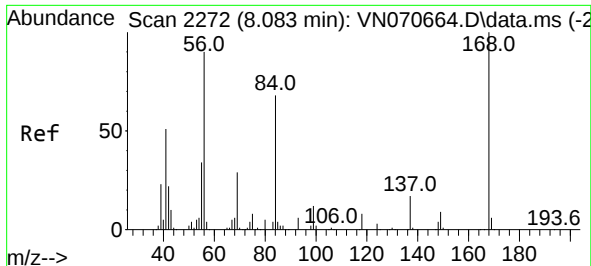
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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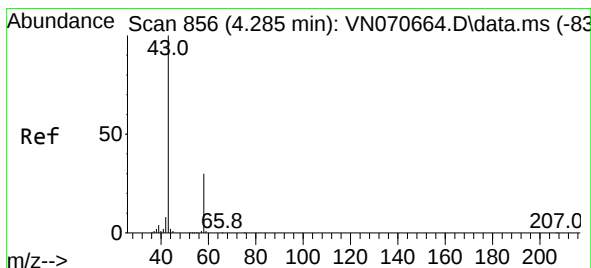
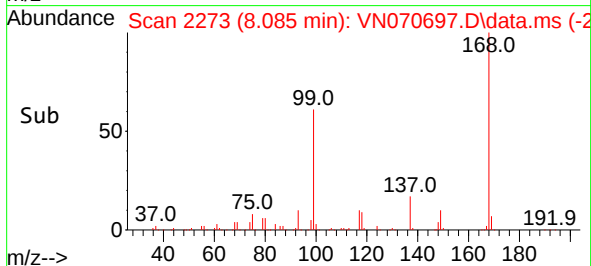
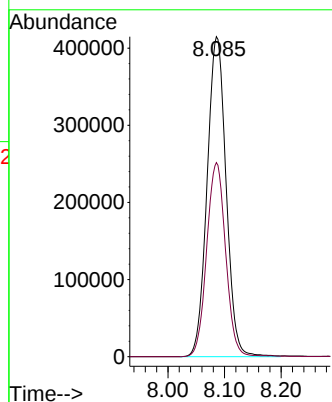
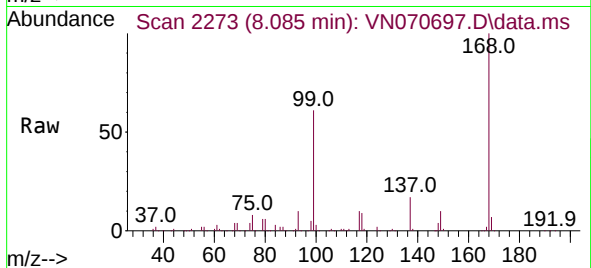




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.085 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN070697.D
Acq: 19 Jan 2022 14:04

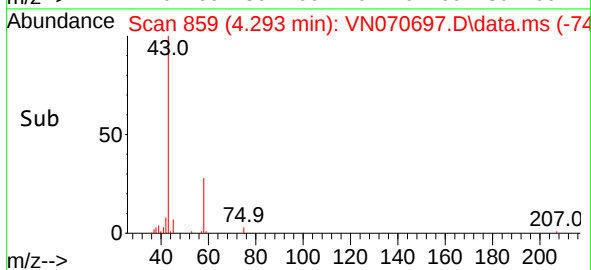
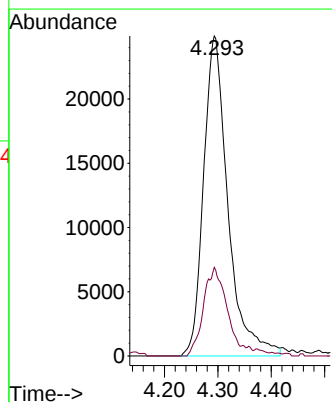
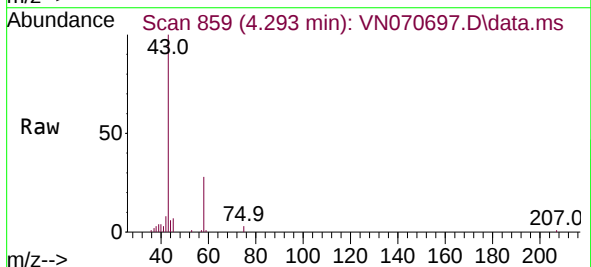
Instrument :
MSVOA_N
ClientSampleId :

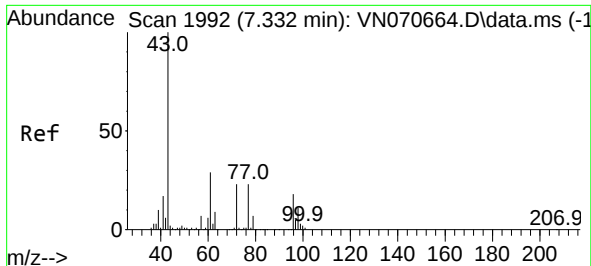
Tgt Ion:168 Resp: 965990
Ion Ratio Lower Upper
168 100
99 60.7 41.3 61.9



#16
Acetone
Concen: 8.216 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.008 min
Lab File: VN070697.D
Acq: 19 Jan 2022 14:04

Tgt Ion: 43 Resp: 78947
Ion Ratio Lower Upper
43 100
58 27.7 23.1 34.7





#25

2-Butanone

Concen: 0.779 ug/l

RT: 7.345 min Scan# 1992

Delta R.T. 0.013 min

Lab File: VN070697.D

Acq: 19 Jan 2022 14:04

Instrument :

MSVOA_N

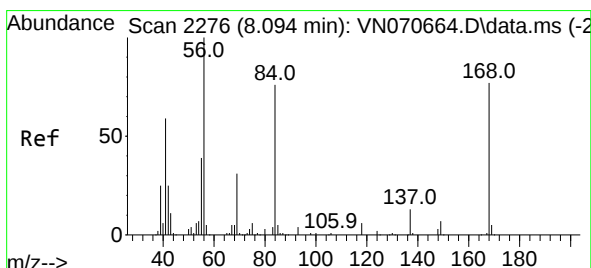
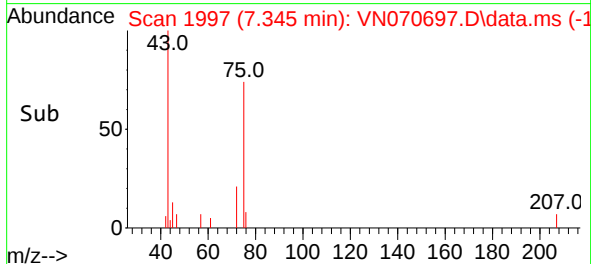
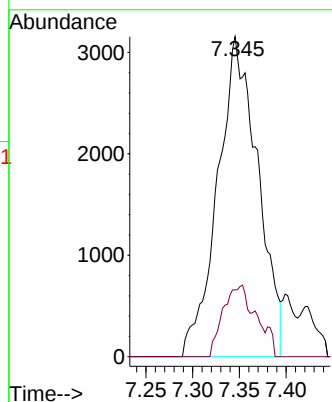
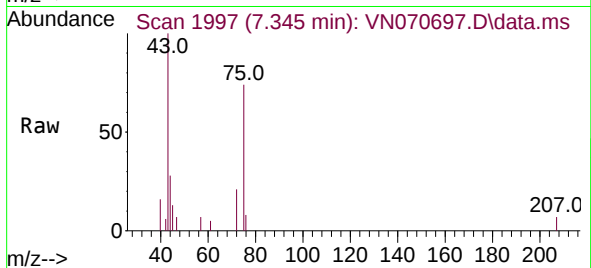
ClientSampleId :

Tgt Ion: 43 Resp: 9415

Ion Ratio Lower Upper

43 100

72 20.9 21.7 32.5#



#31

Cyclohexane

Concen: 0.896 ug/l

RT: 8.083 min Scan# 2272

Delta R.T. -0.011 min

Lab File: VN070697.D

Acq: 19 Jan 2022 14:04

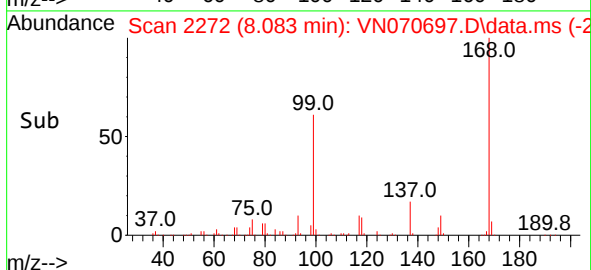
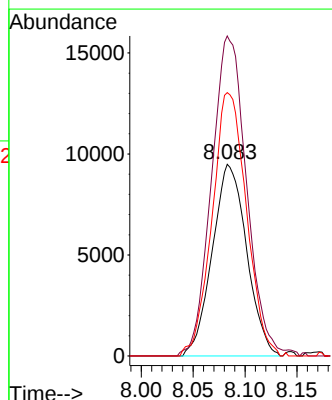
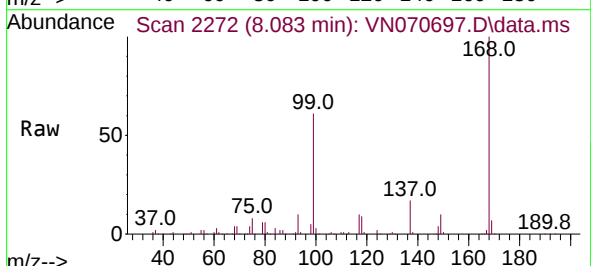
Tgt Ion: 56 Resp: 21853

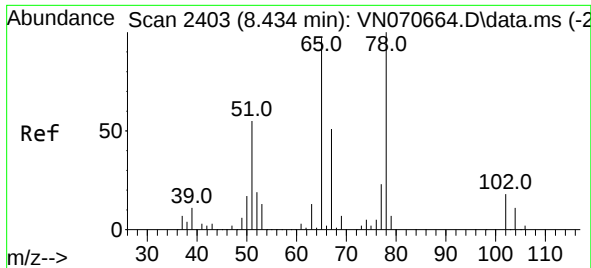
Ion Ratio Lower Upper

56 100

69 165.1 27.1 40.7#

84 137.4 73.4 110.0#

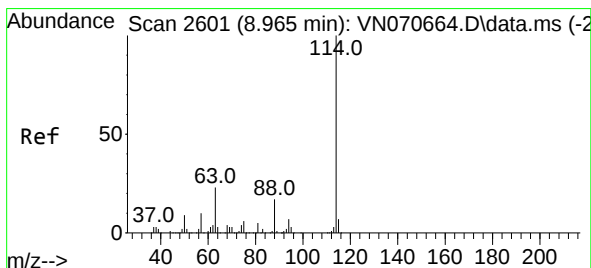
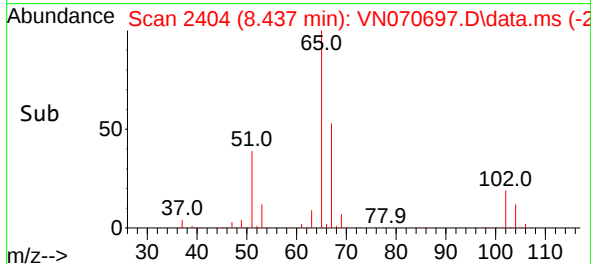
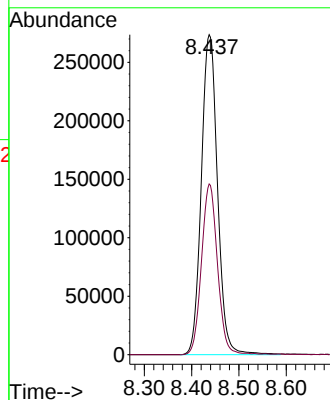
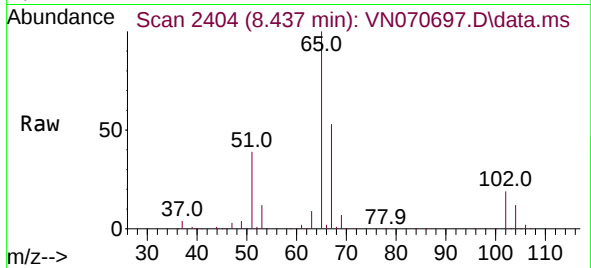




#33
 1,2-Dichloroethane-d4
 Concen: 47.046 ug/l
 RT: 8.437 min Scan# 2403
 Delta R.T. 0.003 min
 Lab File: VN070697.D
 Acq: 19 Jan 2022 14:04

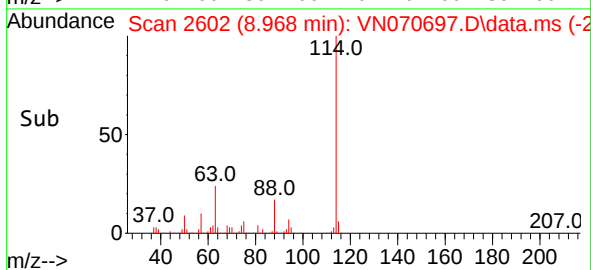
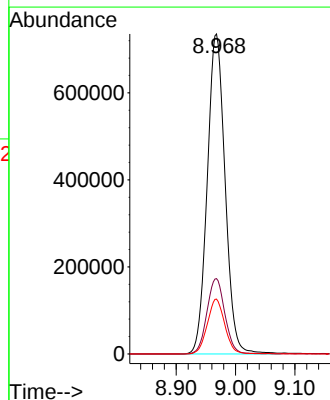
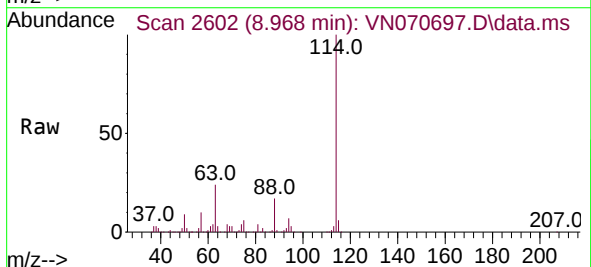
Instrument :
 MSVOA_N
 ClientSampleId :

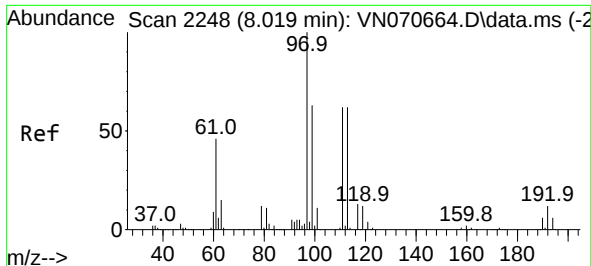
Tgt Ion: 65 Resp: 651312
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.968 min Scan# 2602
 Delta R.T. 0.003 min
 Lab File: VN070697.D
 Acq: 19 Jan 2022 14:04

Tgt Ion: 114 Resp: 1537246
 Ion Ratio Lower Upper
 114 100
 63 23.6 0.0 37.8
 88 17.2 0.0 27.4

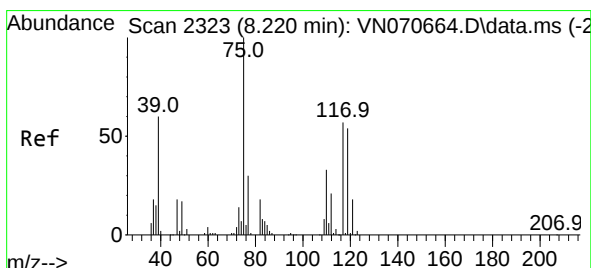
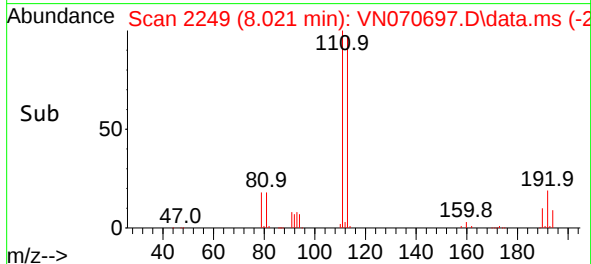
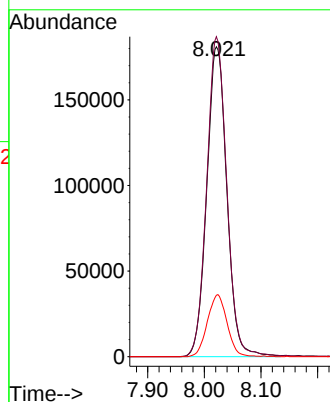
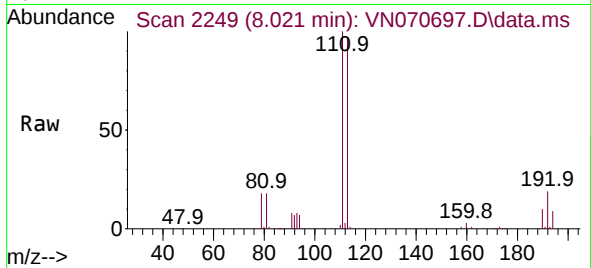




#35
Dibromofluoromethane
Concen: 46.914 ug/l
RT: 8.021 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN070697.D
Acq: 19 Jan 2022 14:04

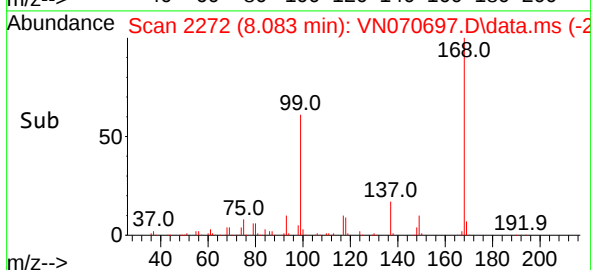
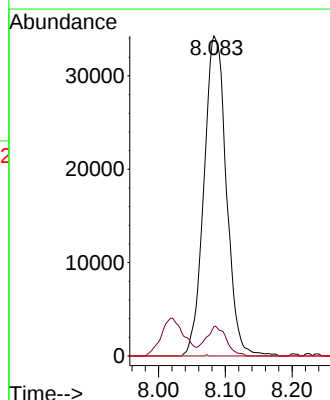
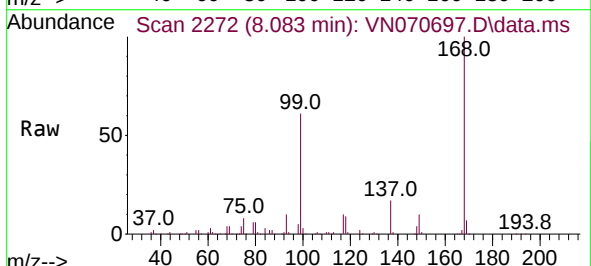
Instrument :
MSVOA_N
ClientSampleId :

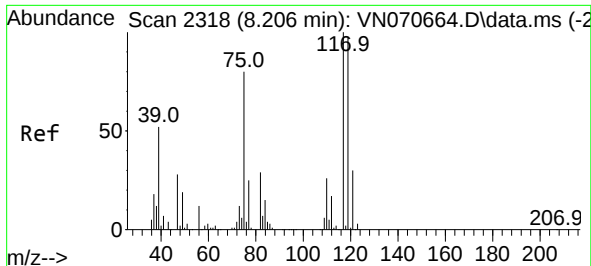
Tgt Ion:113 Resp: 447354
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.2
192 19.6 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.979 ug/l
RT: 8.083 min Scan# 2272
Delta R.T. -0.137 min
Lab File: VN070697.D
Acq: 19 Jan 2022 14:04

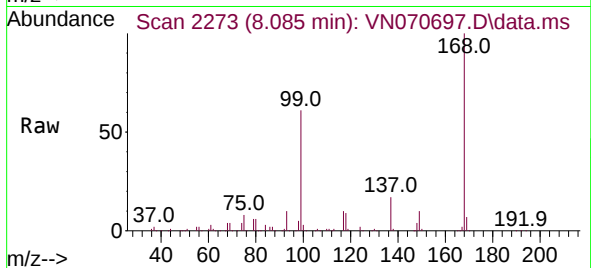
Tgt Ion: 75 Resp: 79935
Ion Ratio Lower Upper
75 100
110 8.5 18.4 55.2#
77 0.0 24.4 36.6#



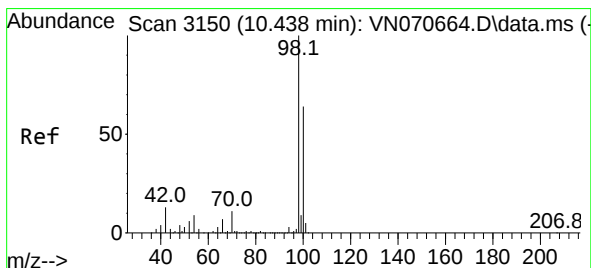
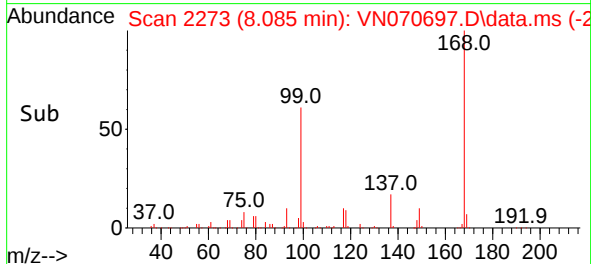
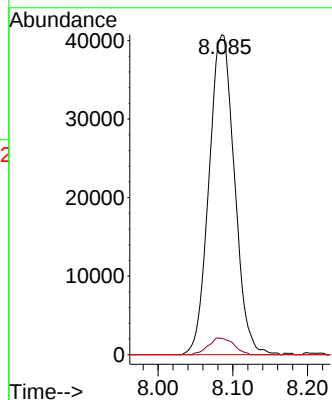


#38
Carbon Tetrachloride
Concen: 6.764 ug/l
RT: 8.085 min Scan# 211
Delta R.T. -0.120 min
Lab File: VN070697.D
Acq: 19 Jan 2022 14:04

Instrument :
MSVOA_N
ClientSampleId :

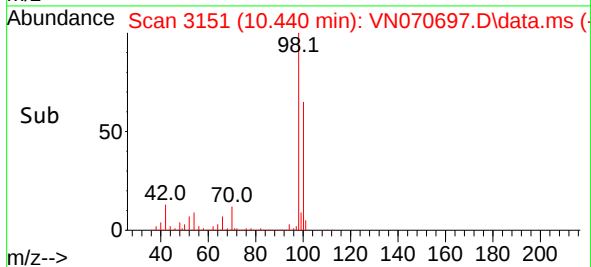
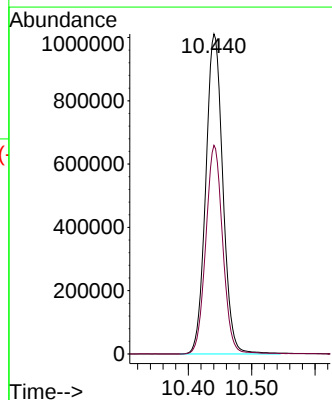
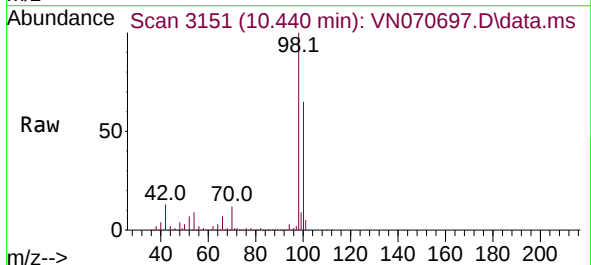


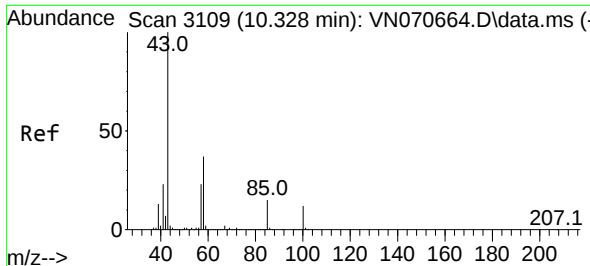
Tgt Ion:117 Resp: 96597
Ion Ratio Lower Upper
117 100
119 5.1 76.1 114.1#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 47.159 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.002 min
Lab File: VN070697.D
Acq: 19 Jan 2022 14:04

Tgt Ion: 98 Resp: 1894418
Ion Ratio Lower Upper
98 100
100 64.4 50.4 75.6





#51

4-Methyl-2-Pentanone

Concen: 0.329 ug/l

RT: 10.333 min Scan# 3111

Delta R.T. 0.005 min

Lab File: VN070697.D

Acq: 19 Jan 2022 14:04

Instrument :

MSVOA_N

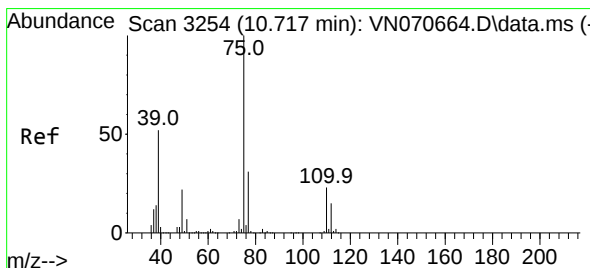
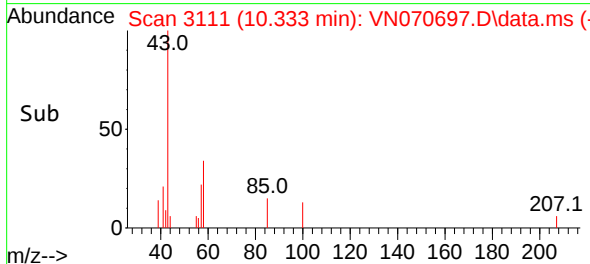
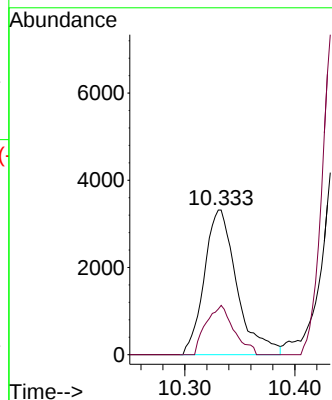
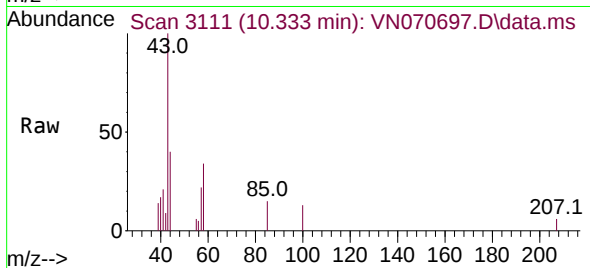
ClientSampleId :

Tgt Ion: 43 Resp: 6835

Ion Ratio Lower Upper

43 100

58 29.1 30.4 45.6#



#53

t-1,3-Dichloropropene

Concen: 2.412 ug/l

RT: 10.711 min Scan# 3252

Delta R.T. -0.006 min

Lab File: VN070697.D

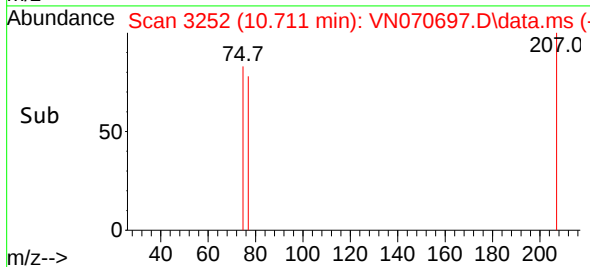
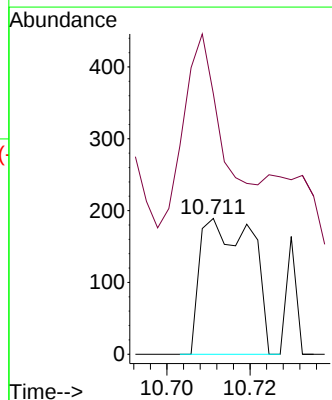
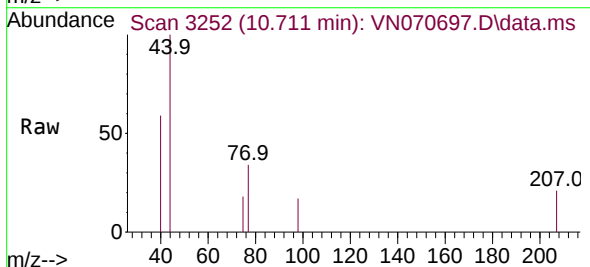
Acq: 19 Jan 2022 14:04

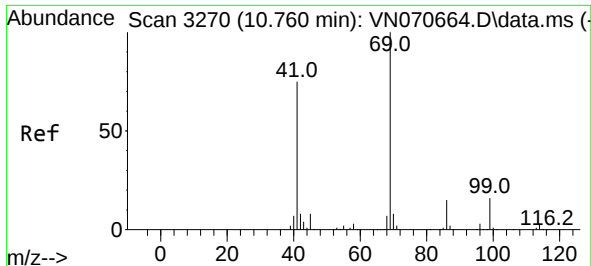
Tgt Ion: 75 Resp: 162

Ion Ratio Lower Upper

75 100

77 61.4 25.6 38.4#

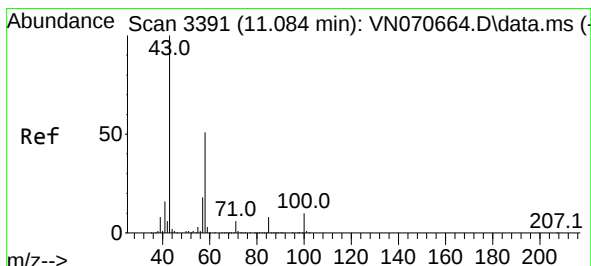
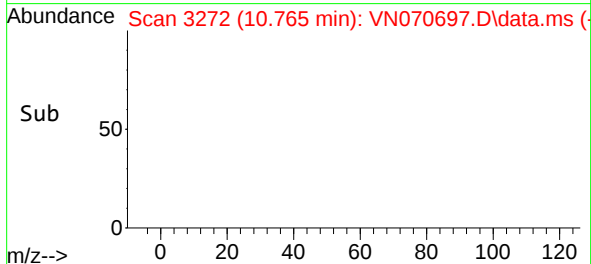
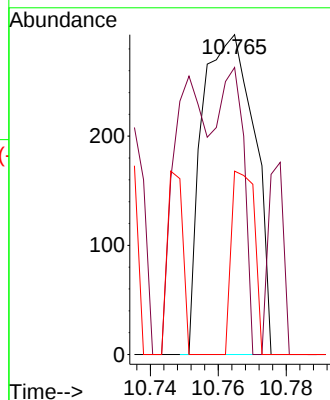
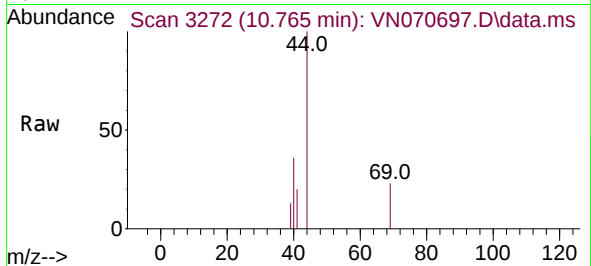




#56
Ethyl methacrylate
Concen: 2.315 ug/l
RT: 10.765 min Scan# 311
Delta R.T. 0.005 min
Lab File: VN070697.D
Acq: 19 Jan 2022 14:04

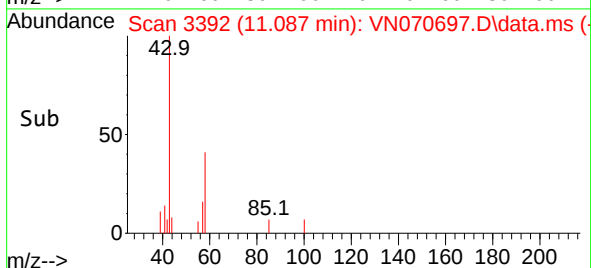
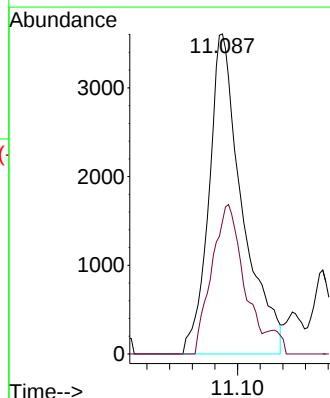
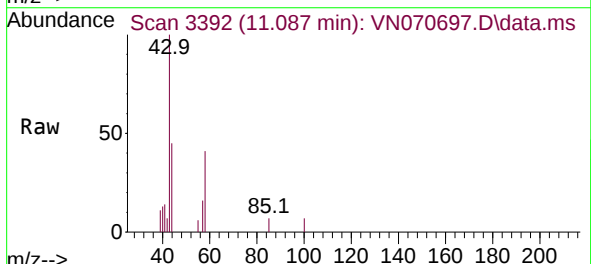
Instrument :
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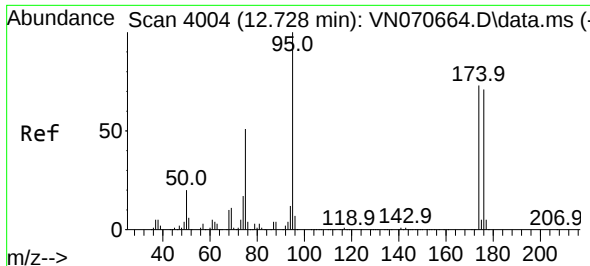
Tgt Ion: 69 Resp: 311
Ion Ratio Lower Upper
69 100
41 17.7 51.4 77.0#
39 25.1 34.6 52.0#



#59
2-Hexanone
Concen: 0.487 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. 0.003 min
Lab File: VN070697.D
Acq: 19 Jan 2022 14:04

Tgt Ion: 43 Resp: 7354
Ion Ratio Lower Upper
43 100
58 44.6 26.9 80.7





#62

4-Bromofluorobenzene

Concen: 42.637 ug/l

RT: 12.731 min Scan# 4005

Delta R.T. 0.003 min

Lab File: VN070697.D

Acq: 19 Jan 2022 14:04

Instrument :

MSVOA_N

ClientSampleId :

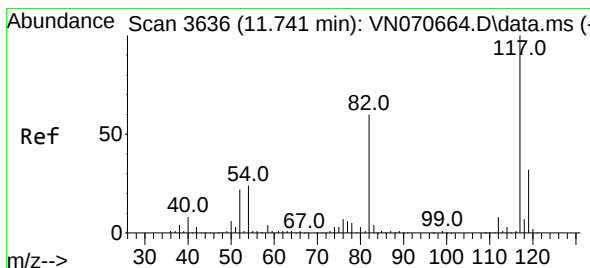
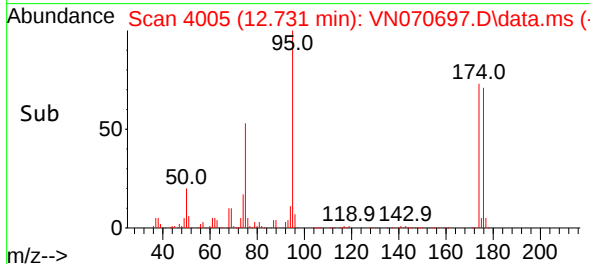
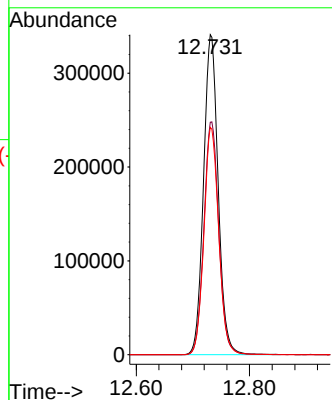
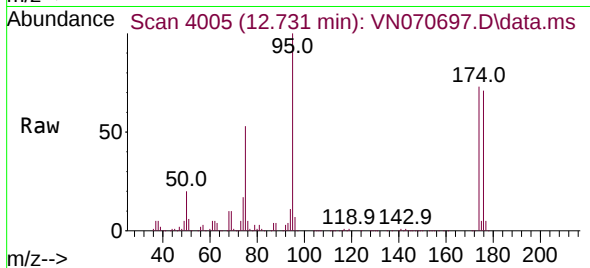
Tgt Ion: 95 Resp: 610338

Ion Ratio Lower Upper

95 100

174 74.2 0.0 187.2

176 71.7 0.0 181.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.744 min Scan# 3637

Delta R.T. 0.003 min

Lab File: VN070697.D

Acq: 19 Jan 2022 14:04

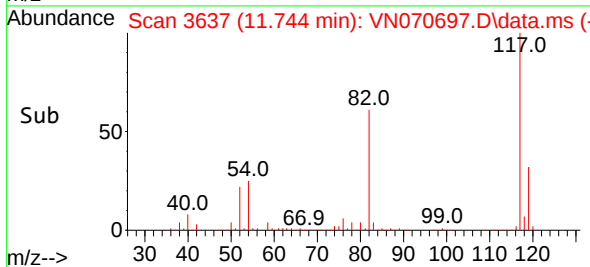
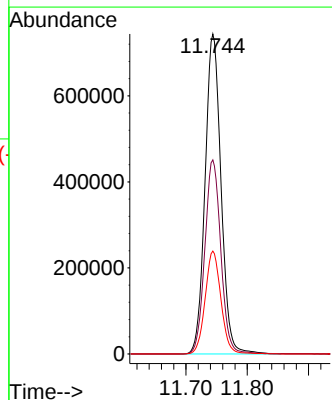
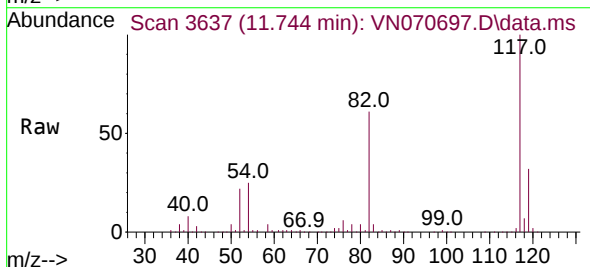
Tgt Ion: 117 Resp: 1346267

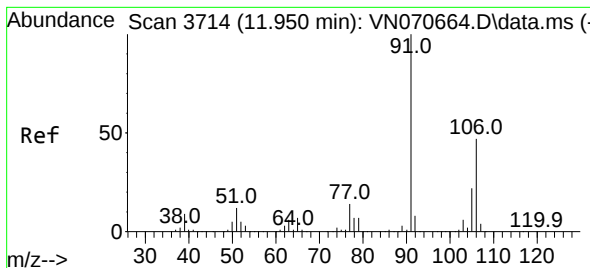
Ion Ratio Lower Upper

117 100

82 60.6 42.4 63.6

119 32.2 25.4 38.2

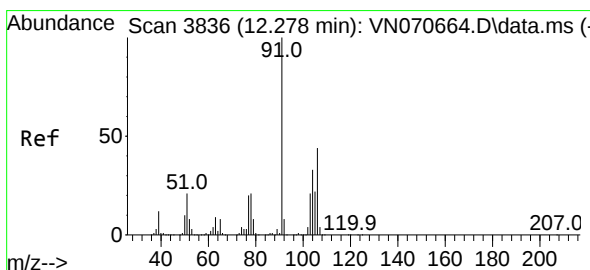
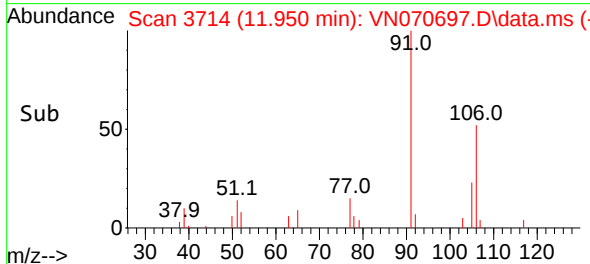
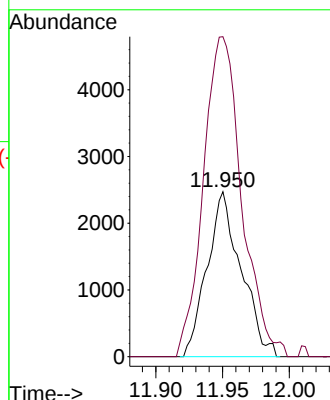
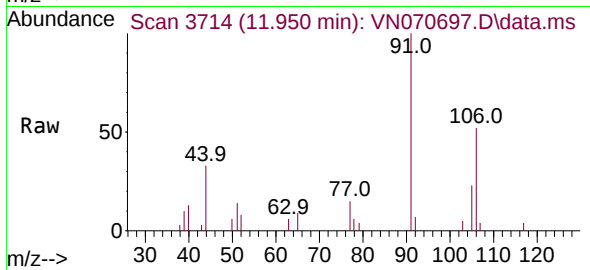




#68
m/p-Xylenes
Concen: 0.223 ug/l
RT: 11.950 min Scan# 3714
Delta R.T. 0.000 min
Lab File: VN070697.D
Acq: 19 Jan 2022 14:04

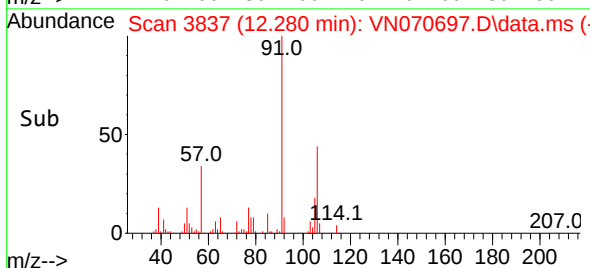
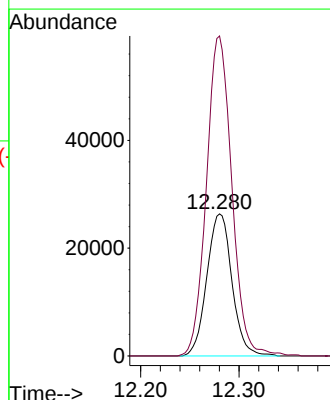
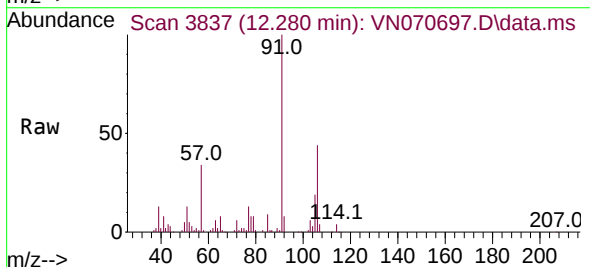
Instrument :
MSVOA_N
ClientSampleId :

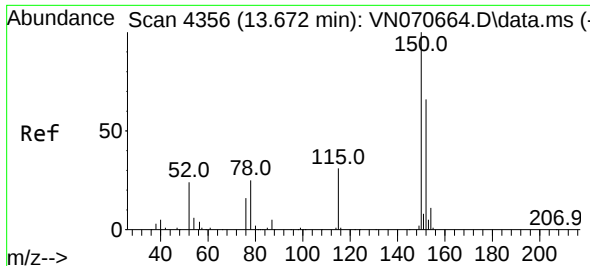
Tgt Ion:106 Resp: 4381
Ion Ratio Lower Upper
106 100
91 218.7 160.6 240.8



#69
o-Xylene
Concen: 2.403 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. 0.002 min
Lab File: VN070697.D
Acq: 19 Jan 2022 14:04

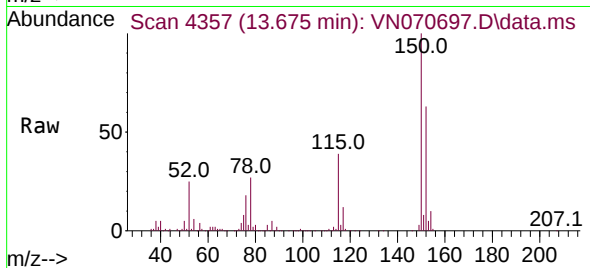
Tgt Ion:106 Resp: 46919
Ion Ratio Lower Upper
106 100
91 227.4 105.8 317.3



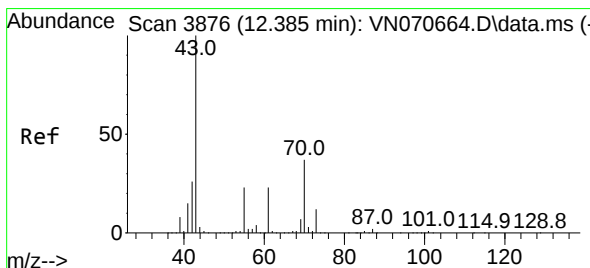
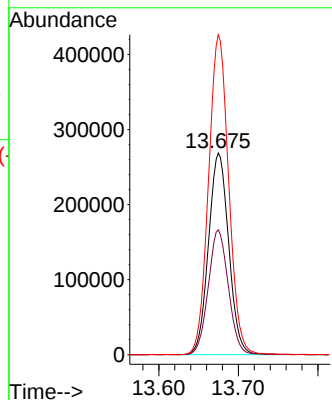
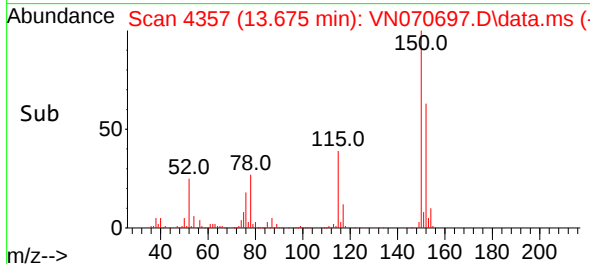


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 41
Delta R.T. 0.003 min
Lab File: VN070697.D
Acq: 19 Jan 2022 14:04

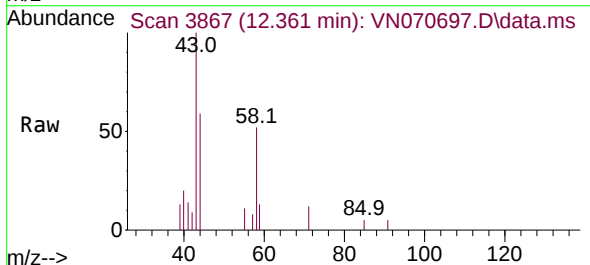
Instrument :
MSVOA_N
ClientSampleId :



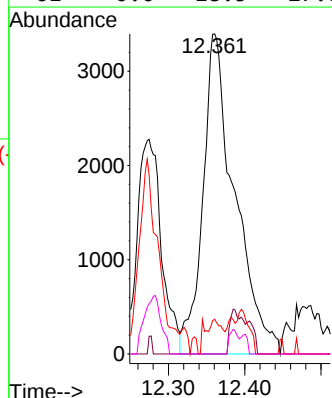
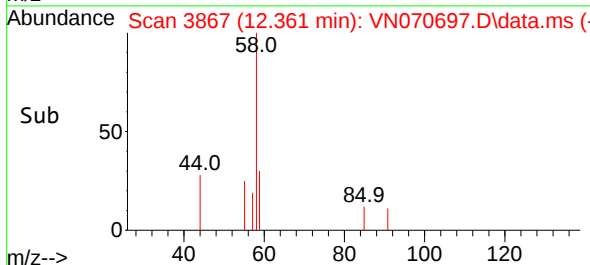
Tgt Ion:152 Resp: 474774
Ion Ratio Lower Upper
152 100
115 61.5 27.5 82.5
150 157.8 0.0 344.4

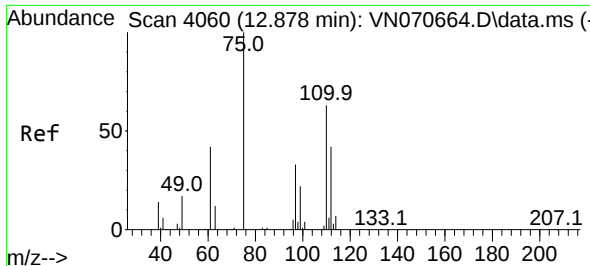


#74
N-ethyl acetate
Concen: 0.536 ug/l
RT: 12.361 min Scan# 3867
Delta R.T. -0.024 min
Lab File: VN070697.D
Acq: 19 Jan 2022 14:04



Tgt Ion: 43 Resp: 9851
Ion Ratio Lower Upper
43 100
70 0.0 33.4 50.0#
55 4.0 19.3 28.9#
61 0.0 18.5 27.7#

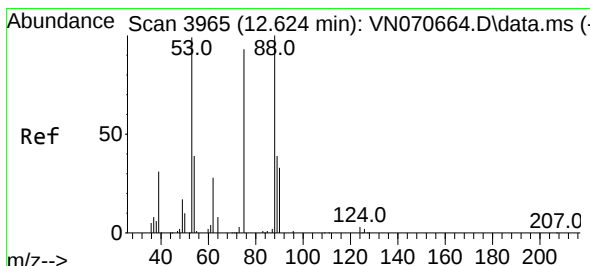
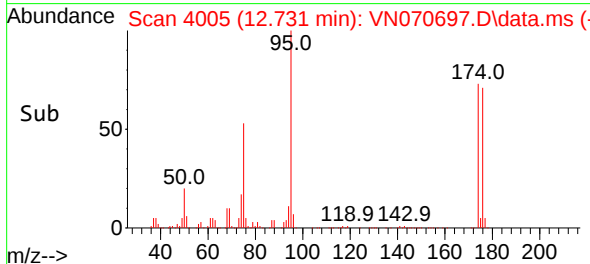
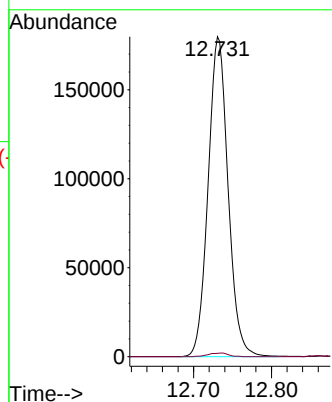
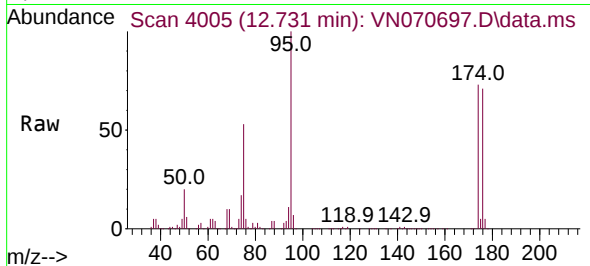




#76
1,2,3-Trichloropropane
Concen: 25.445 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.147 min
Lab File: VN070697.D
Acq: 19 Jan 2022 14:04

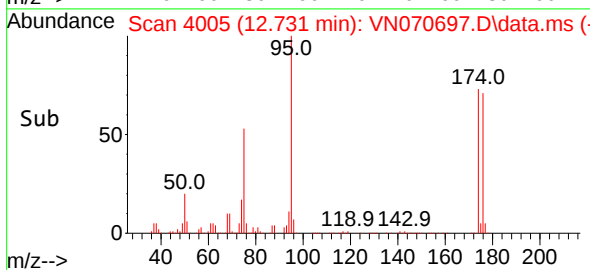
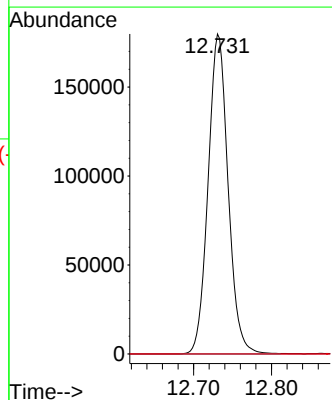
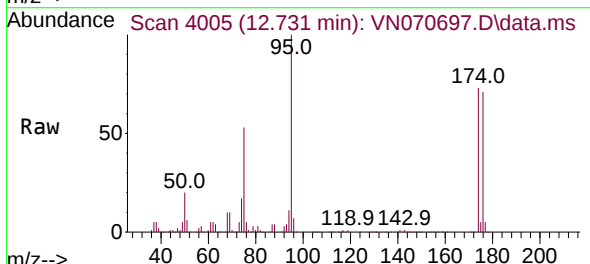
Instrument :
MSVOA_N
ClientSampleId :

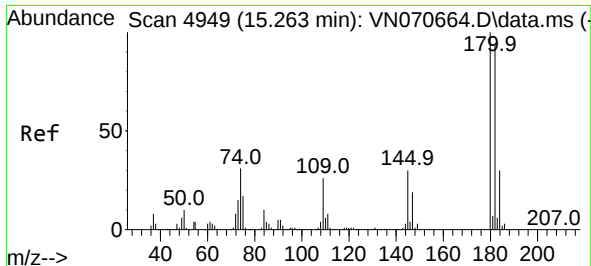
Tgt Ion: 75 Resp: 320415
Ion Ratio Lower Upper
75 100
77 1.2 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.806 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.107 min
Lab File: VN070697.D
Acq: 19 Jan 2022 14:04

Tgt Ion: 75 Resp: 320415
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#

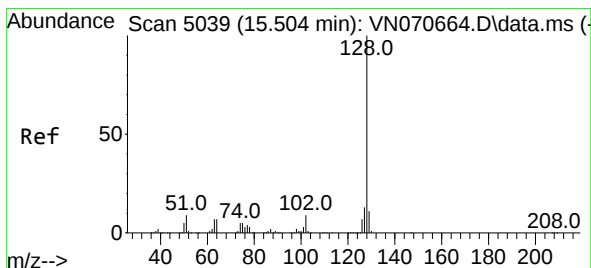
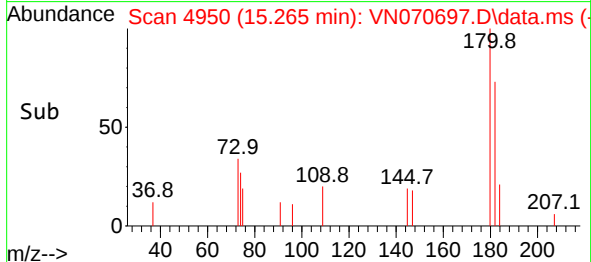
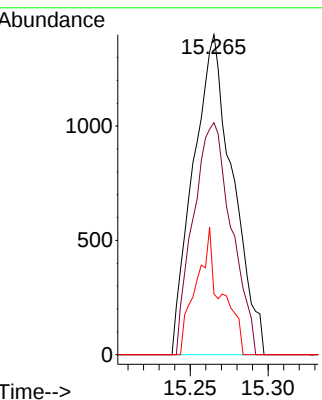
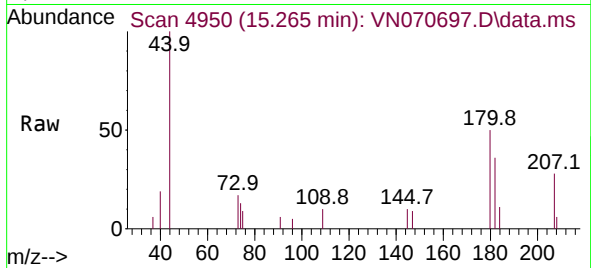




#93
1,2,4-Trichlorobenzene
Concen: 3.687 ug/l
RT: 15.265 min Scan# 4949
Delta R.T. 0.002 min
Lab File: VN070697.D
Acq: 19 Jan 2022 14:04

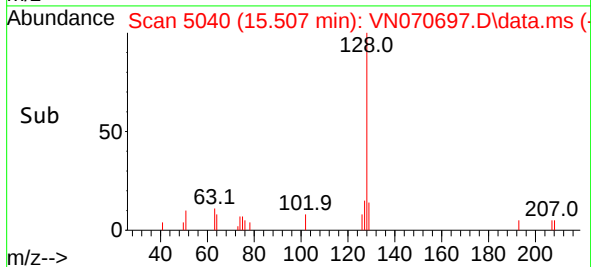
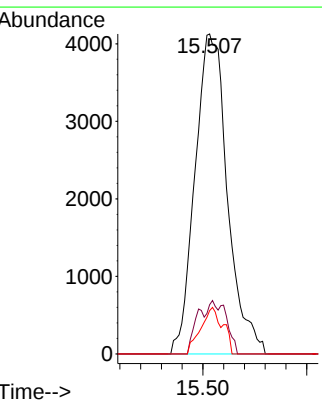
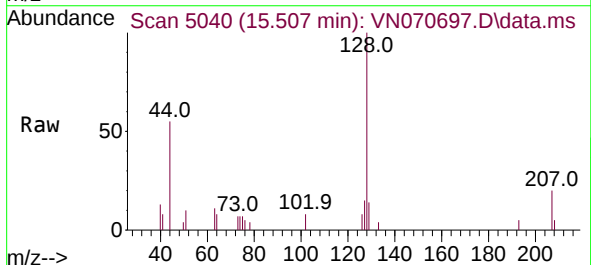
Instrument :
MSVOA_N
ClientSampleId :

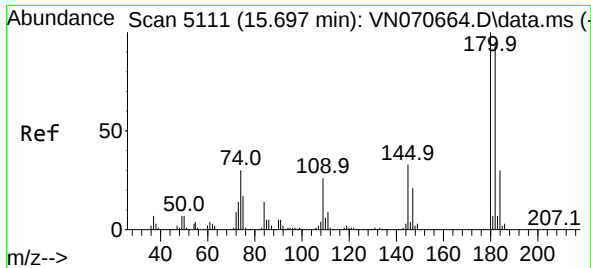
Tgt Ion:180 Resp: 2465
Ion Ratio Lower Upper
180 100
182 70.1 48.3 144.9
145 25.4 14.5 43.5



#95
Naphthalene
Concen: 5.277 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. 0.003 min
Lab File: VN070697.D
Acq: 19 Jan 2022 14:04

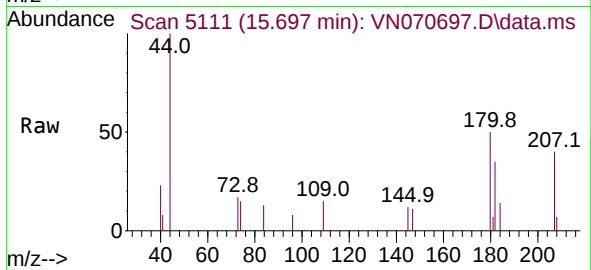
Tgt Ion:128 Resp: 8976
Ion Ratio Lower Upper
128 100
127 1.8 10.5 15.7#
129 9.9 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 3.446 ug/l
 RT: 15.697 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VN070697.D
 Acq: 19 Jan 2022 14:04

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180 Resp: 2066
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.4 142.2#
 145 23.3 15.0 45.1

