

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121421\
 Data File : VN070078.D
 Acq On : 14 Dec 2021 18:23
 Operator : JC/MD
 Sample : M4990-05
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 R3-7RE

Quant Time: Dec 15 05:20:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

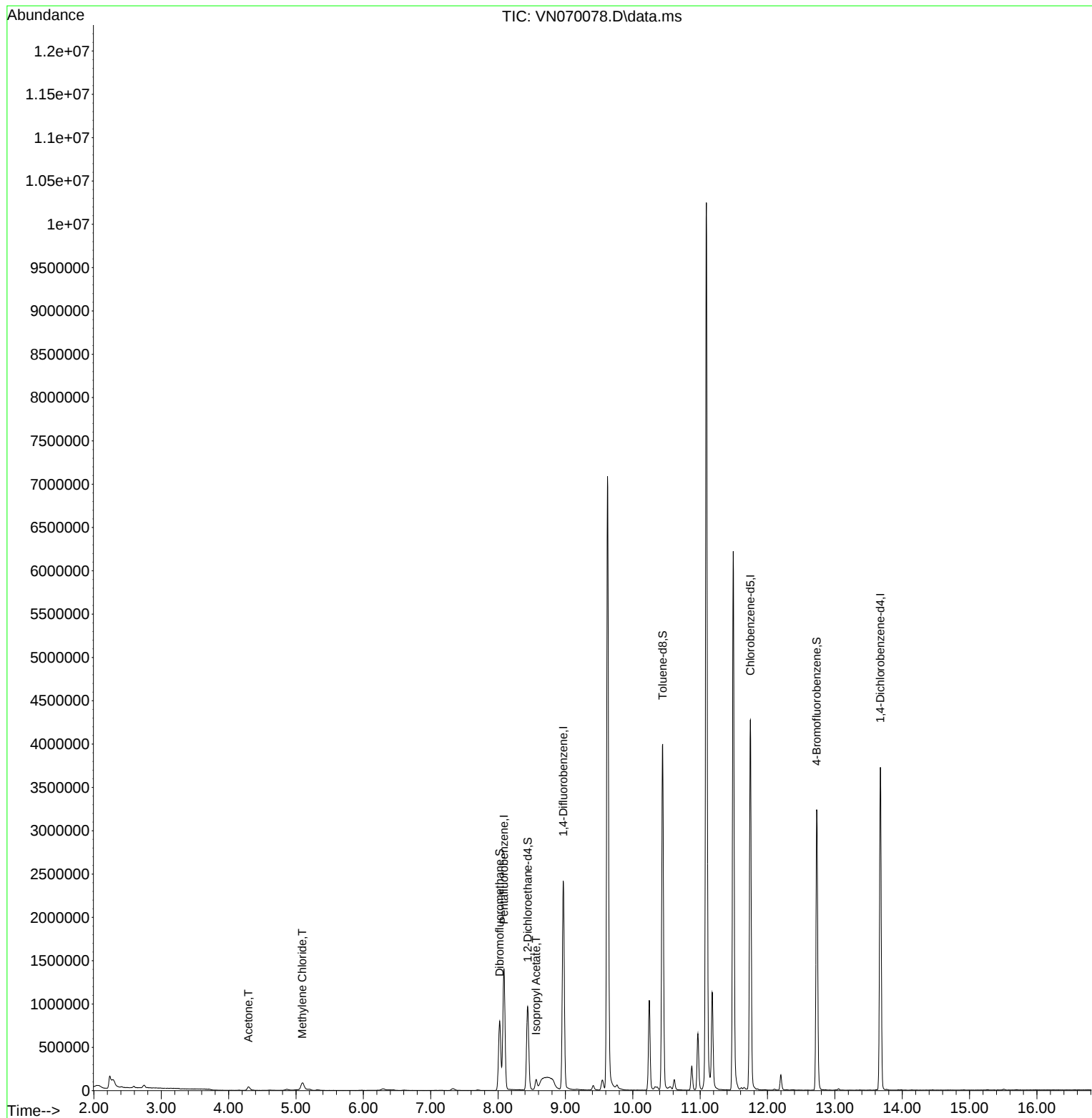
Internal Standards						
1) Pentafluorobenzene	8.088	168	1035190	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2021420	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	2349593	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	966905	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	845937	52.926	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	105.860%
35) Dibromofluoromethane	8.024	113	583490	46.083	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	92.160%
50) Toluene-d8	10.443	98	2696374	53.035	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	106.080%
62) 4-Bromofluorobenzene	12.731	95	1136227	61.689	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	123.380%
Target Compounds						
						Qvalue
16) Acetone	4.293	43	78355	8.149	ug/l	96
20) Methylene Chloride	5.093	84	57905	4.530	ug/l #	85
43) Isopropyl Acetate	8.563	43	144908	3.419	ug/l #	82

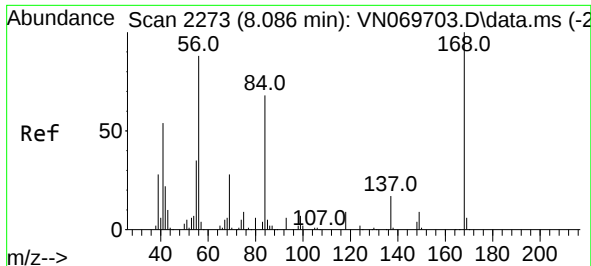
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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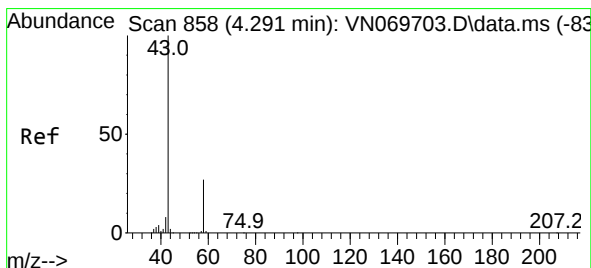
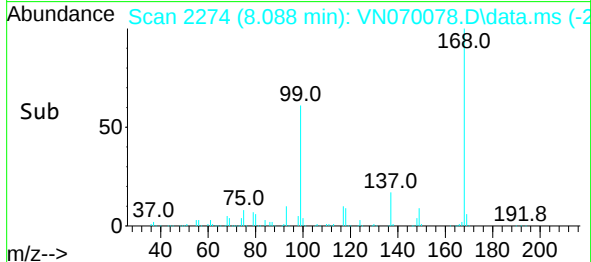
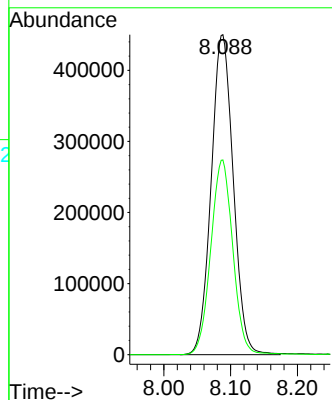
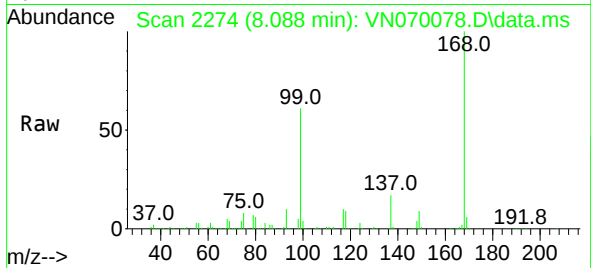




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN070078.D
Acq: 14 Dec 2021 18:23

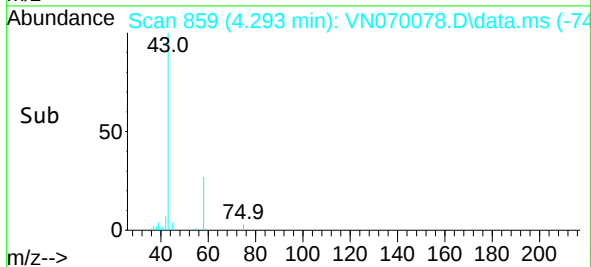
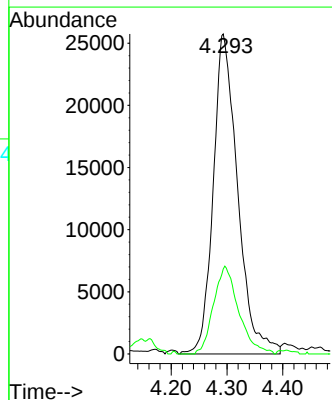
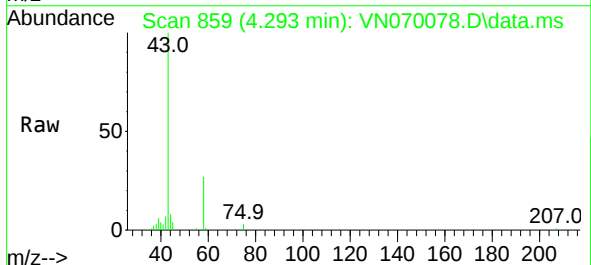
Instrument :
MSVOA_N
ClientSampleId :
R3-7RE

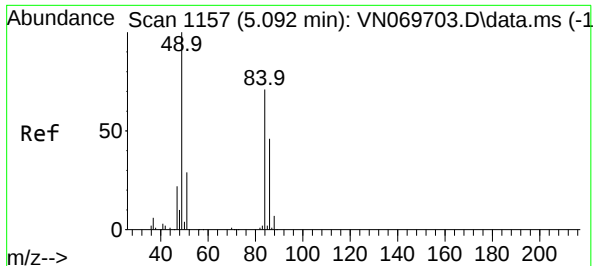
Tgt Ion:168 Resp: 1035190
Ion Ratio Lower Upper
168 100
99 60.8 41.3 61.9



#16
Acetone
Concen: 8.149 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.003 min
Lab File: VN070078.D
Acq: 14 Dec 2021 18:23

Tgt Ion: 43 Resp: 78355
Ion Ratio Lower Upper
43 100
58 26.6 23.1 34.7





#20

Methylene Chloride

Concen: 4.530 ug/l

RT: 5.093 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN070078.D

Acq: 14 Dec 2021 18:23

Instrument :

MSVOA_N

ClientSampleId :

R3-7RE

Tgt Ion: 84 Resp: 57905

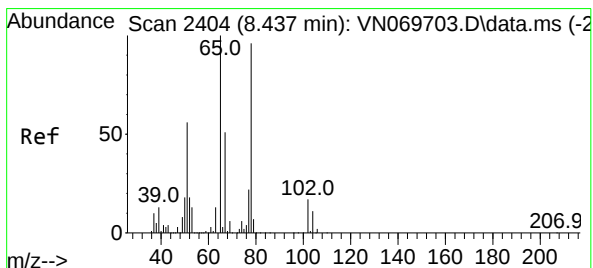
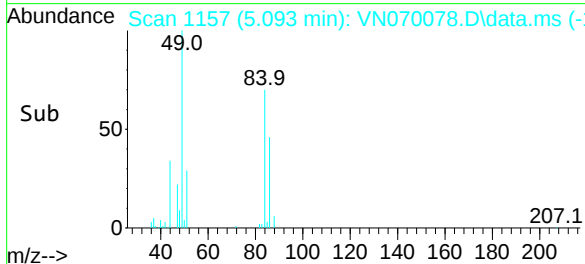
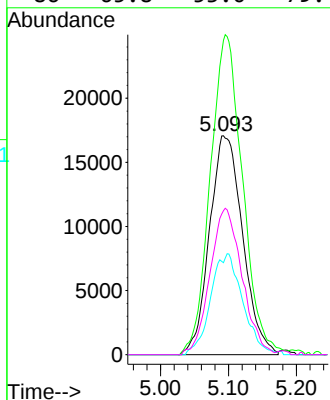
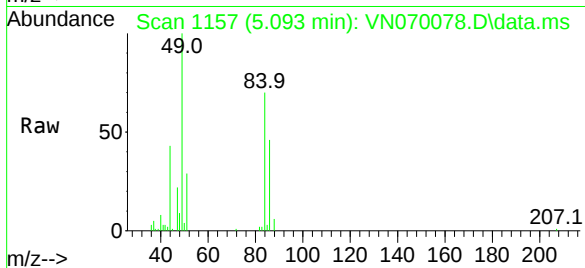
Ion Ratio Lower Upper

84 100

49 143.7 93.5 140.3#

51 42.0 29.4 44.2

86 65.8 53.0 79.4



#33

1,2-Dichloroethane-d4

Concen: 52.926 ug/l

RT: 8.440 min Scan# 2405

Delta R.T. 0.003 min

Lab File: VN070078.D

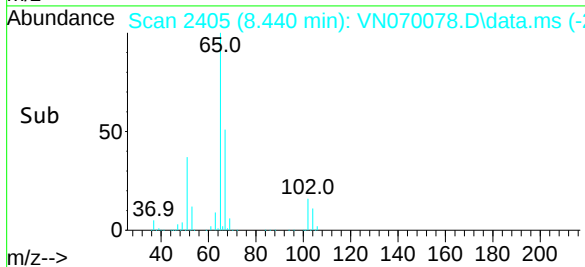
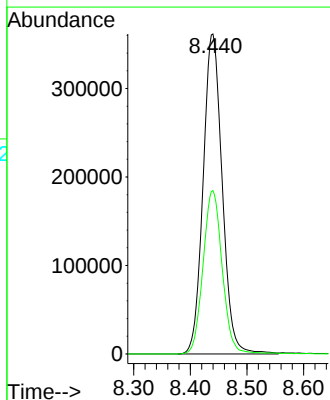
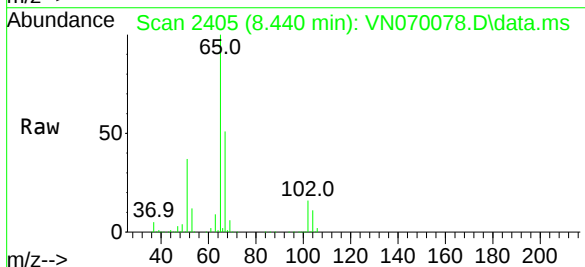
Acq: 14 Dec 2021 18:23

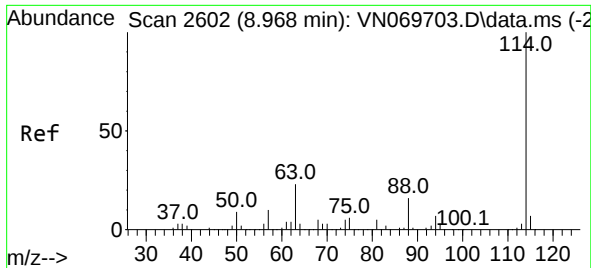
Tgt Ion: 65 Resp: 845937

Ion Ratio Lower Upper

65 100

67 51.0 0.0 103.0

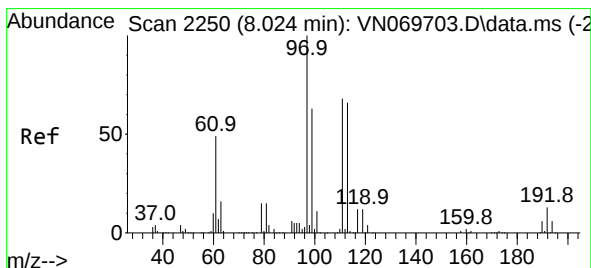
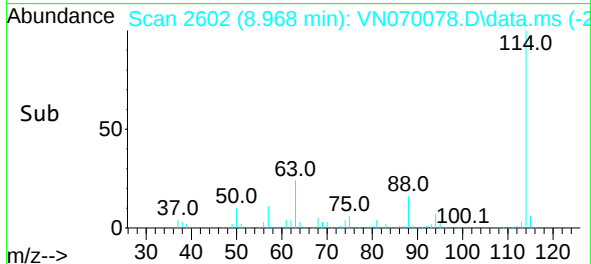
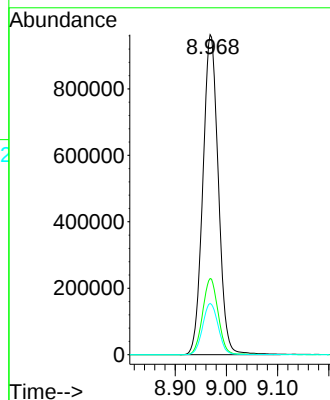
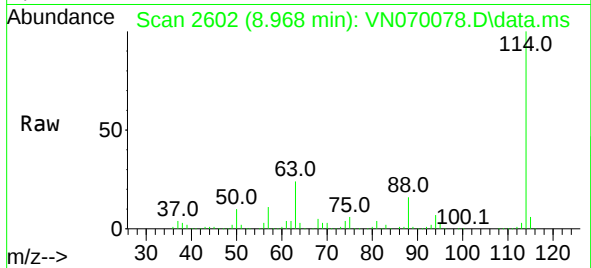




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2021
Delta R.T. 0.000 min
Lab File: VN070078.D
Acq: 14 Dec 2021 18:23

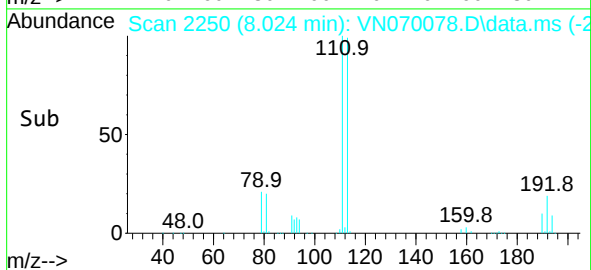
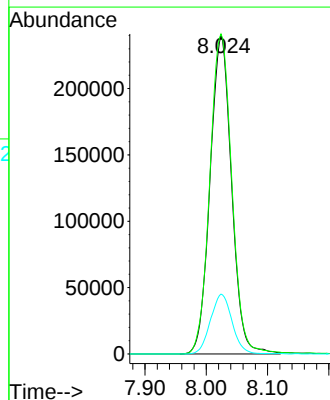
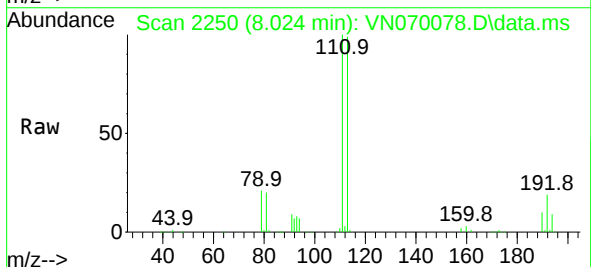
Instrument :
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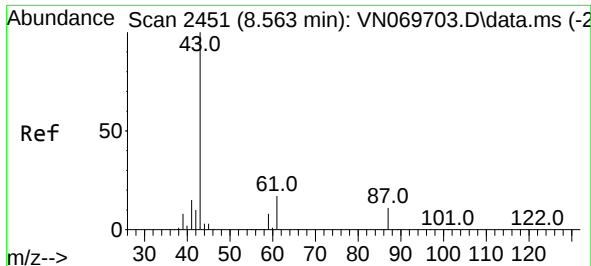
Tgt Ion:114 Resp: 2021420
Ion Ratio Lower Upper
114 100
63 23.8 0.0 37.8
88 16.0 0.0 27.4



#35
Dibromofluoromethane
Concen: 46.083 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VN070078.D
Acq: 14 Dec 2021 18:23

Tgt Ion:113 Resp: 583490
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.2
192 18.9 16.9 25.3





#43

Isopropyl Acetate

Concen: 3.419 ug/l

RT: 8.563 min Scan# 24

Delta R.T. 0.000 min

Lab File: VN070078.D

Acq: 14 Dec 2021 18:23

Instrument :

MSVOA_N

ClientSampleId :

R3-7RE

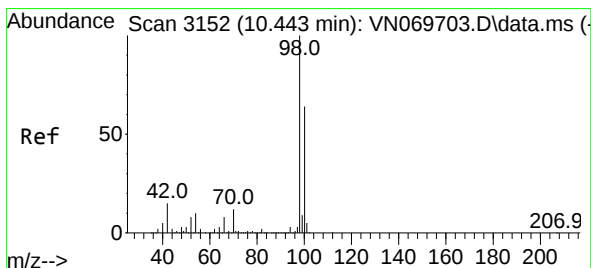
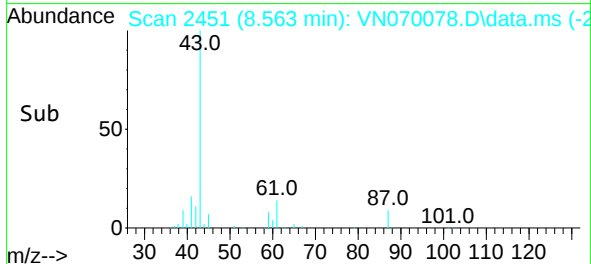
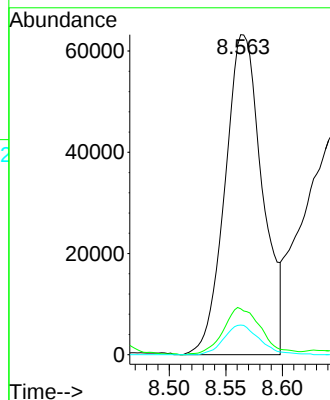
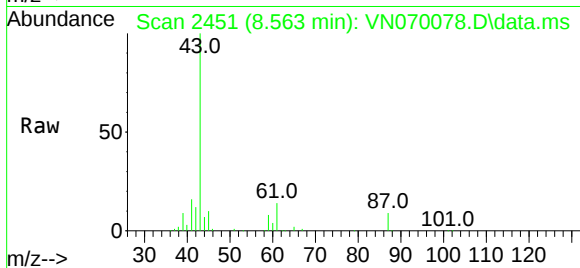
Tgt Ion: 43 Resp: 144908

Ion Ratio Lower Upper

43 100

61 14.9 20.4 30.6#

87 8.8 11.2 16.8#



#50

Toluene-d8

Concen: 53.035 ug/l

RT: 10.443 min Scan# 3152

Delta R.T. 0.000 min

Lab File: VN070078.D

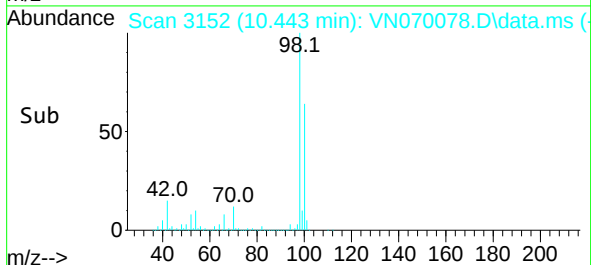
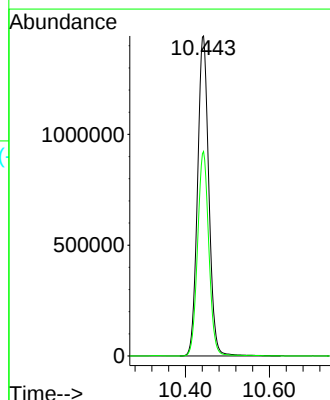
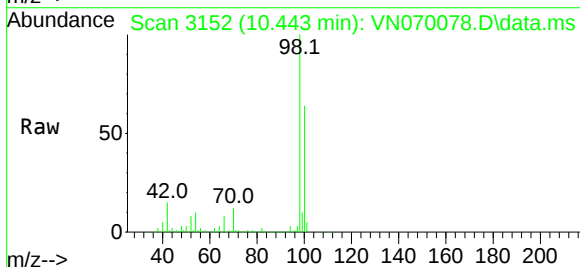
Acq: 14 Dec 2021 18:23

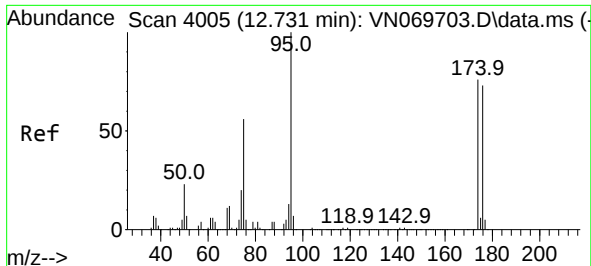
Tgt Ion: 98 Resp: 2696374

Ion Ratio Lower Upper

98 100

100 63.7 50.4 75.6

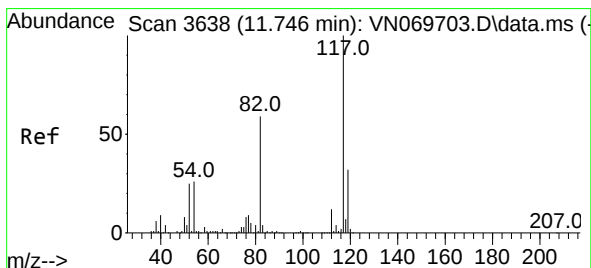
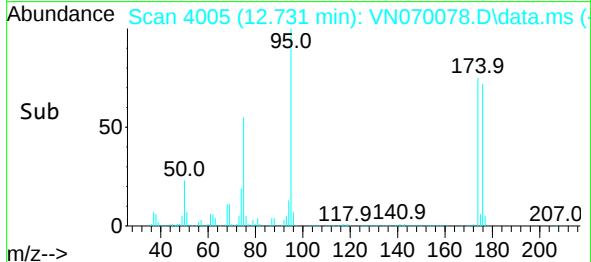
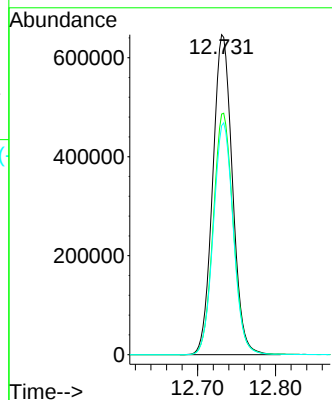
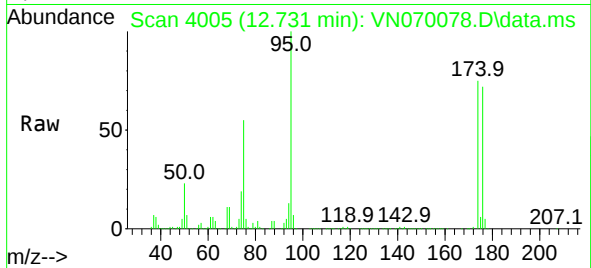




#62
4-Bromofluorobenzene
Concen: 61.689 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070078.D
Acq: 14 Dec 2021 18:23

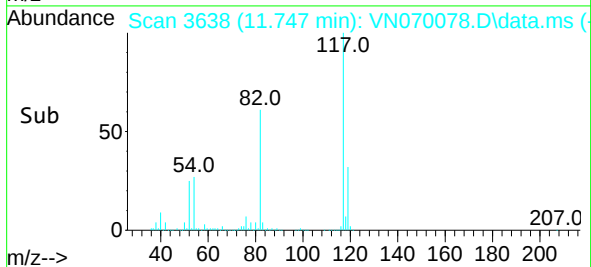
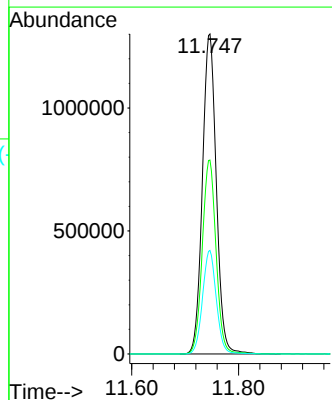
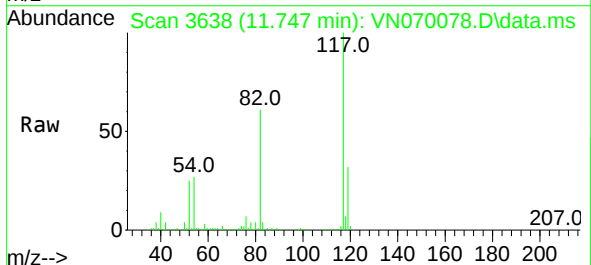
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R3-7RE

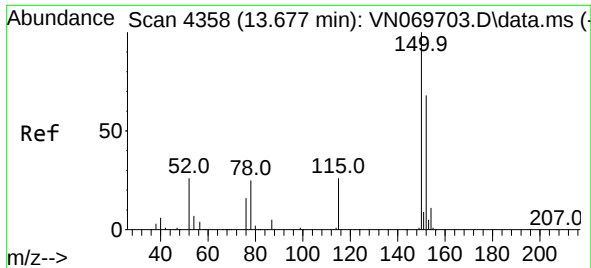
Tgt Ion: 95 Resp: 1136227
Ion Ratio Lower Upper
95 100
174 76.2 0.0 187.2
176 73.2 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.001 min
Lab File: VN070078.D
Acq: 14 Dec 2021 18:23

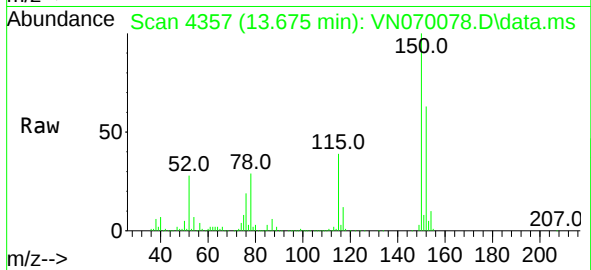
Tgt Ion: 117 Resp: 2349593
Ion Ratio Lower Upper
117 100
82 60.6 42.4 63.6
119 32.4 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.675 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VN070078.D
 Acq: 14 Dec 2021 18:23

Instrument :
 MSVOA_N
 ClientSampleId :
 R3-7RE



Tgt Ion:152 Resp: 966905
 Ion Ratio Lower Upper
 152 100
 115 62.0 27.5 82.5
 150 158.2 0.0 344.4

