

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121421\
 Data File : VN070076.D
 Acq On : 14 Dec 2021 17:17
 Operator : JC/MD
 Sample : M4990-20RE
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 R1-4RE

Quant Time: Dec 15 05:19:50 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)

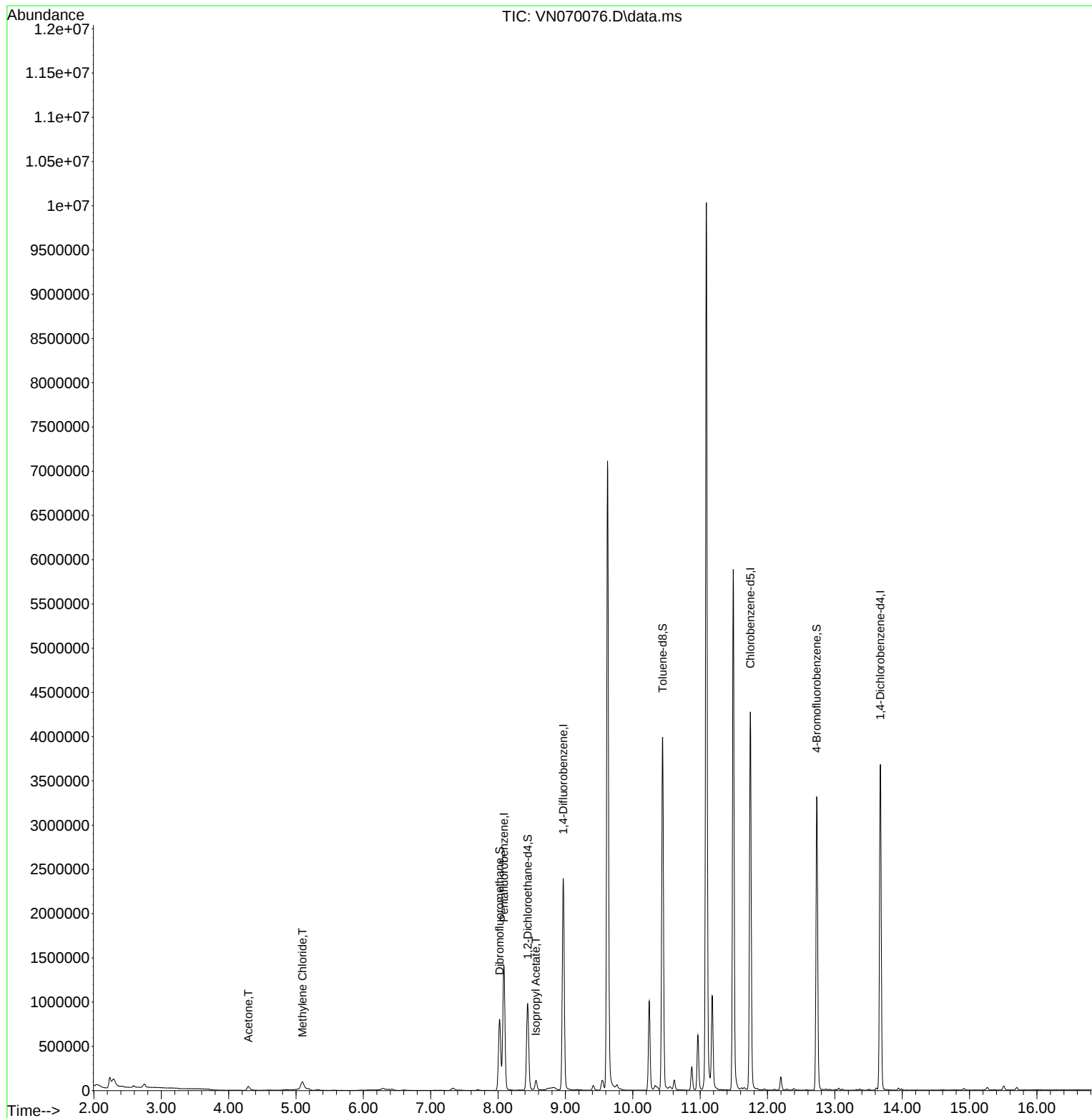
Internal Standards						
1) Pentafluorobenzene	8.088	168	1051528	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1996675	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	2387298	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	982863	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	846104	52.114	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 104.220%	
35) Dibromofluoromethane	8.024	113	584734	46.753	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 93.500%	
50) Toluene-d8	10.443	98	2706924	53.903	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 107.800%	
62) 4-Bromofluorobenzene	12.731	95	1163126	63.932	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 127.860%	
Target Compounds						Qvalue
16) Acetone	4.293	43	85099	8.713	ug/l	96
20) Methylene Chloride	5.095	84	61414	4.730	ug/l	88
43) Isopropyl Acetate	8.560	43	130152	3.109	ug/l #	85

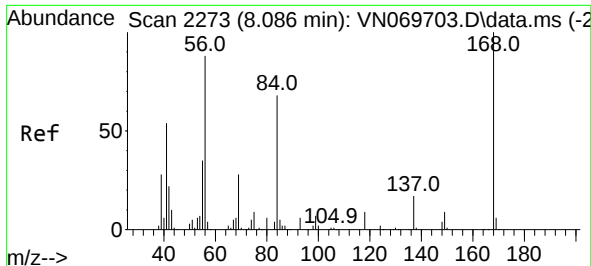
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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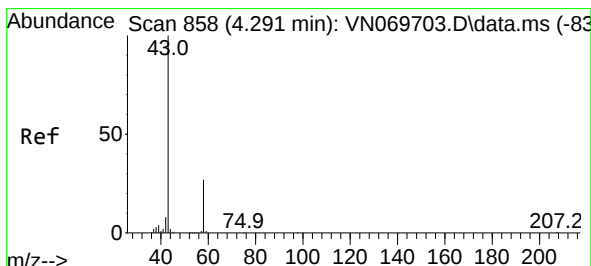
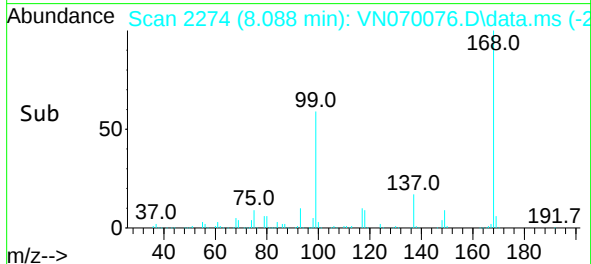
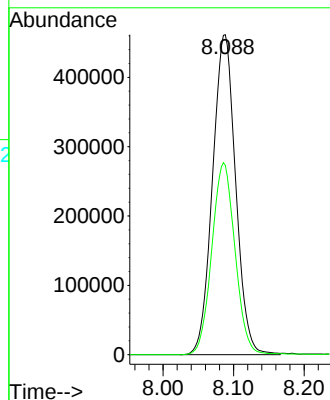
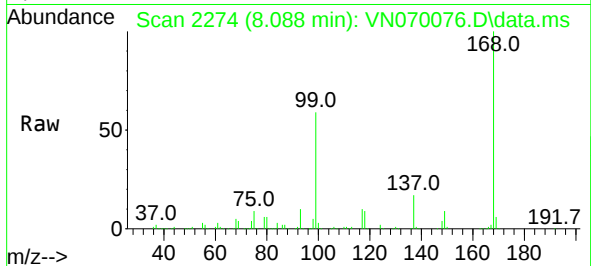




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN070076.D
Acq: 14 Dec 2021 17:17

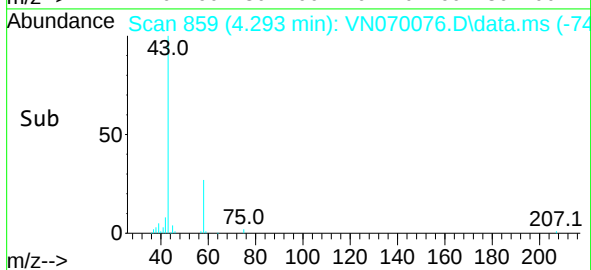
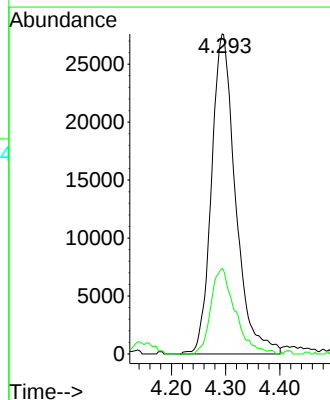
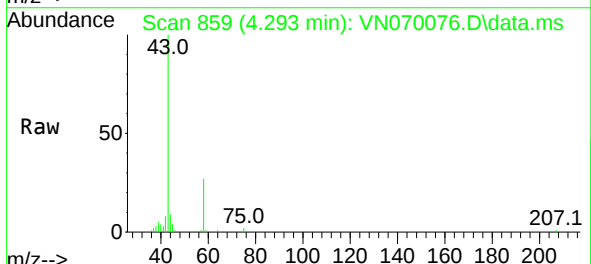
Instrument :
MSVOA_N
ClientSampleId :
R1-4RE

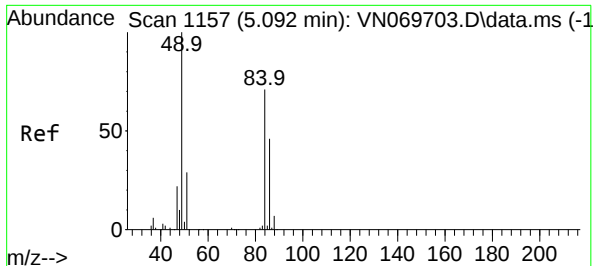
Tgt Ion:168 Resp: 1051528
Ion Ratio Lower Upper
168 100
99 59.2 41.3 61.9



#16
Acetone
Concen: 8.713 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.003 min
Lab File: VN070076.D
Acq: 14 Dec 2021 17:17

Tgt Ion: 43 Resp: 85099
Ion Ratio Lower Upper
43 100
58 26.7 23.1 34.7





#20

Methylene Chloride

Concen: 4.730 ug/l

RT: 5.095 min Scan# 1157

Delta R.T. 0.003 min

Lab File: VN070076.D

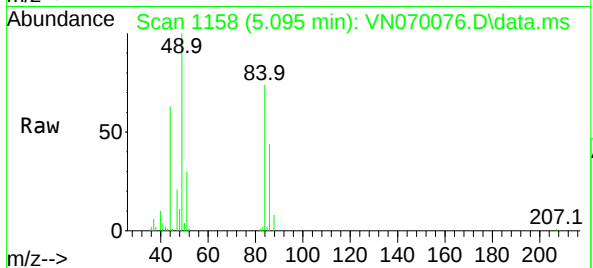
Acq: 14 Dec 2021 17:17

Instrument :

MSVOA_N

ClientSampleId :

R1-4RE



Tgt Ion: 84 Resp: 61414

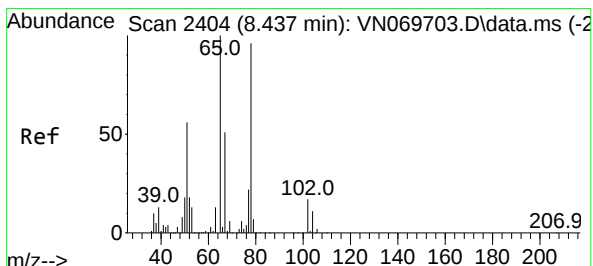
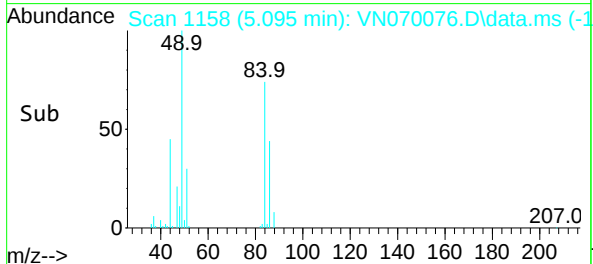
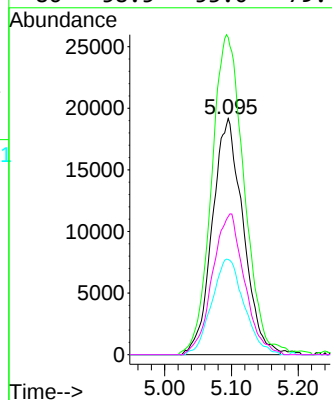
Ion Ratio Lower Upper

84 100

49 133.5 93.5 140.3

51 40.3 29.4 44.2

86 58.5 53.0 79.4



#33

1,2-Dichloroethane-d4

Concen: 52.114 ug/l

RT: 8.440 min Scan# 2405

Delta R.T. 0.003 min

Lab File: VN070076.D

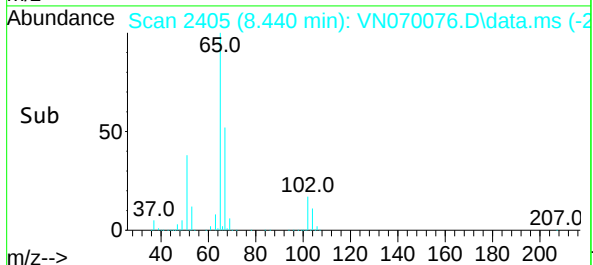
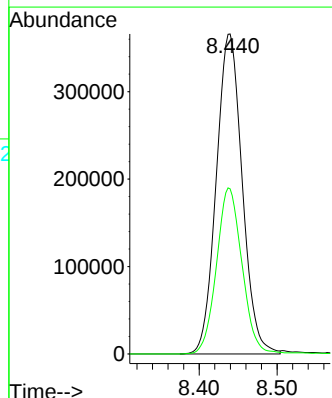
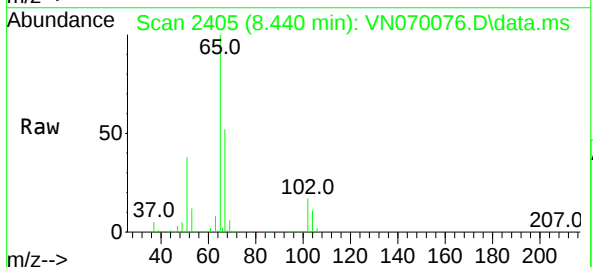
Acq: 14 Dec 2021 17:17

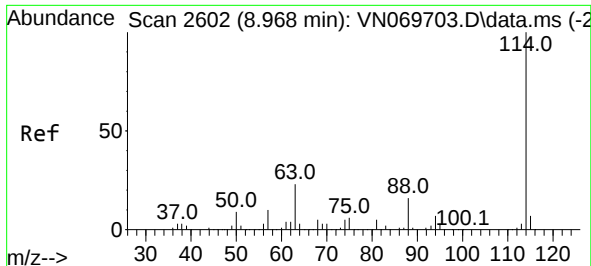
Tgt Ion: 65 Resp: 846104

Ion Ratio Lower Upper

65 100

67 51.2 0.0 103.0

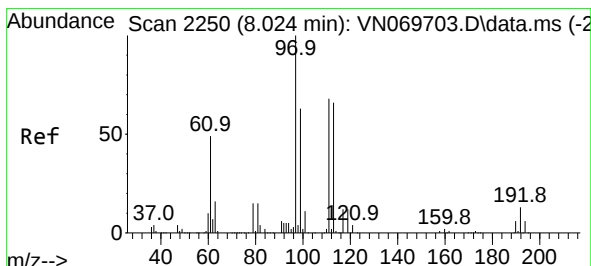
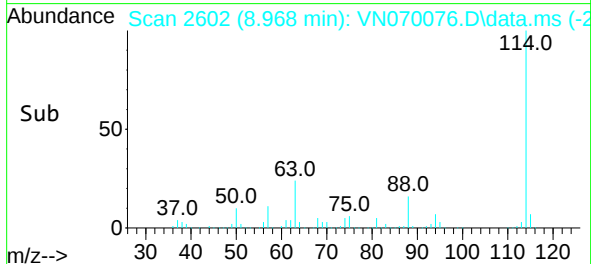
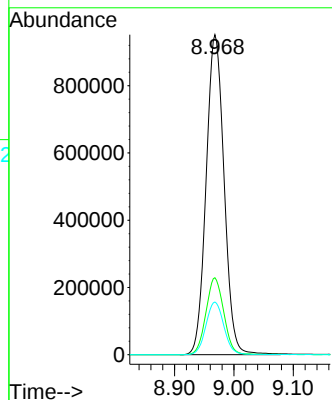
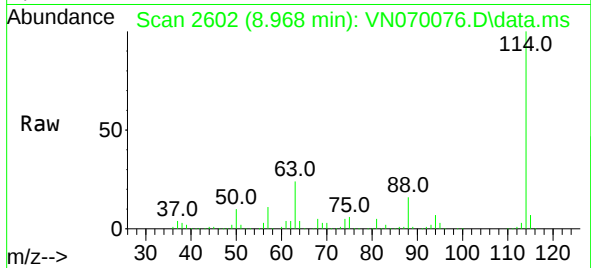




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.000 min
Lab File: VN070076.D
Acq: 14 Dec 2021 17:17

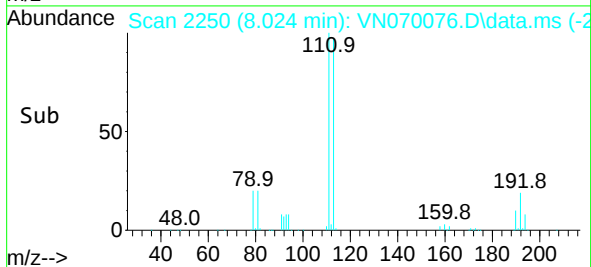
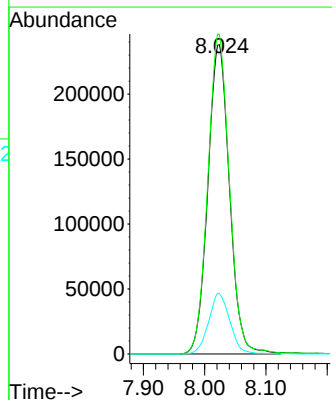
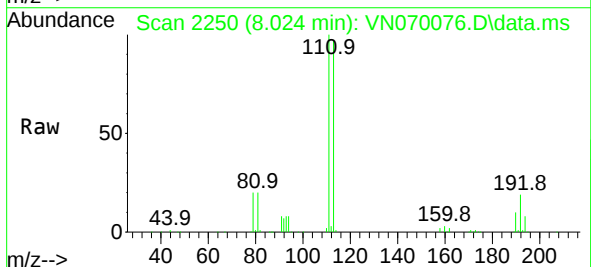
Instrument :
MSVOA_N
ClientSampleId :
R1-4RE

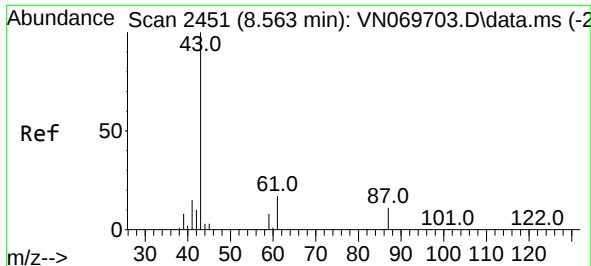
Tgt Ion:114 Resp: 1996675
Ion Ratio Lower Upper
114 100
63 24.0 0.0 37.8
88 16.4 0.0 27.4



#35
Dibromofluoromethane
Concen: 46.753 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VN070076.D
Acq: 14 Dec 2021 17:17

Tgt Ion:113 Resp: 584734
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.2
192 19.2 16.9 25.3

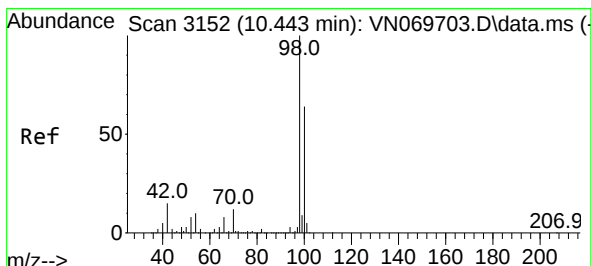
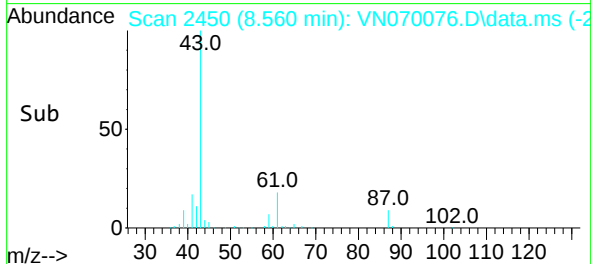
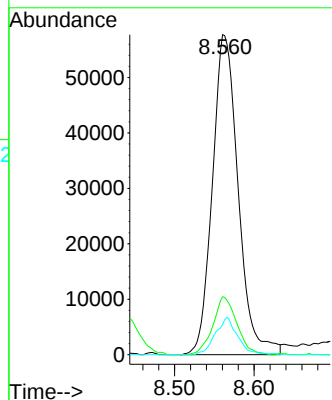
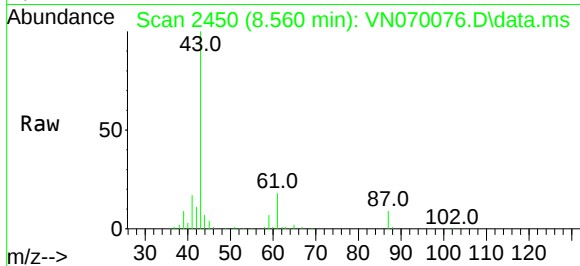




#43
Isopropyl Acetate
Concen: 3.109 ug/l
RT: 8.560 min Scan# 2451
Delta R.T. -0.003 min
Lab File: VN070076.D
Acq: 14 Dec 2021 17:17

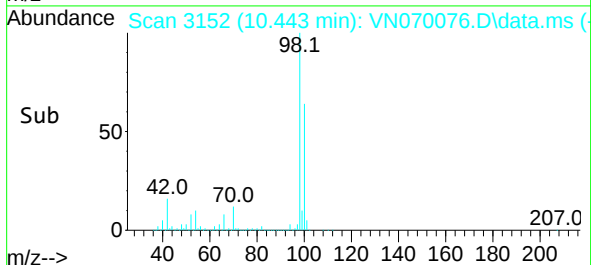
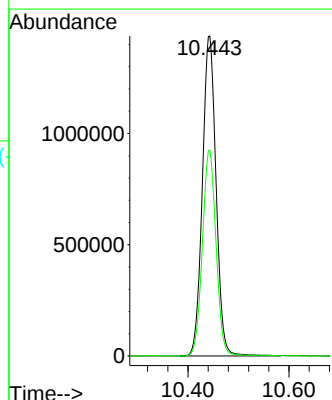
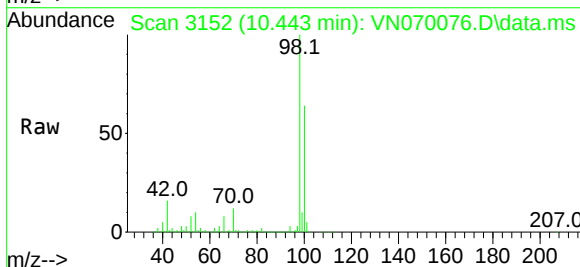
Instrument :
MSVOA_N
ClientSampleId :
R1-4RE

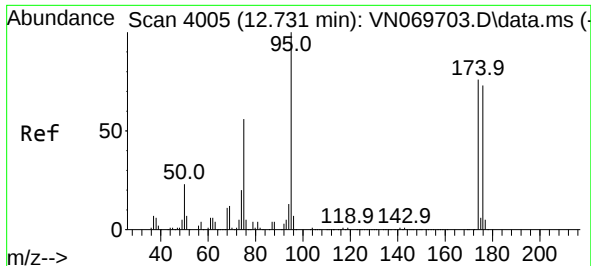
Tgt Ion: 43 Resp: 130152
Ion Ratio Lower Upper
43 100
61 16.8 20.4 30.6#
87 9.9 11.2 16.8#



#50
Toluene-d8
Concen: 53.903 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN070076.D
Acq: 14 Dec 2021 17:17

Tgt Ion: 98 Resp: 2706924
Ion Ratio Lower Upper
98 100
100 64.0 50.4 75.6

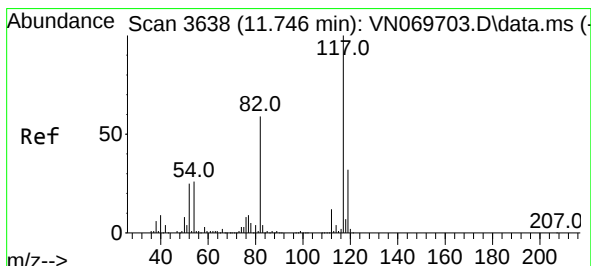
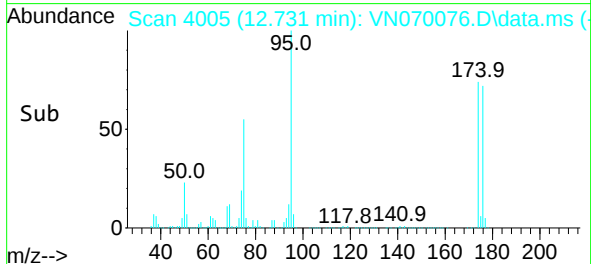
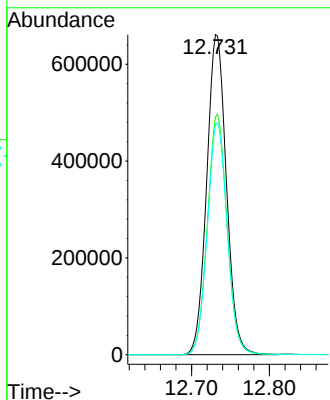
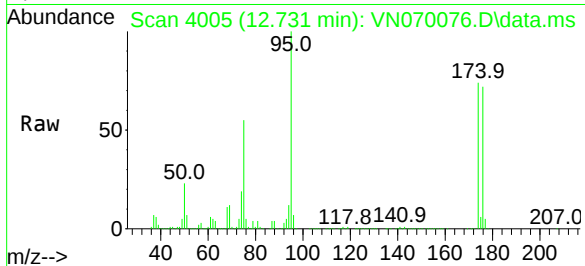




#62
4-Bromofluorobenzene
Concen: 63.932 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070076.D
Acq: 14 Dec 2021 17:17

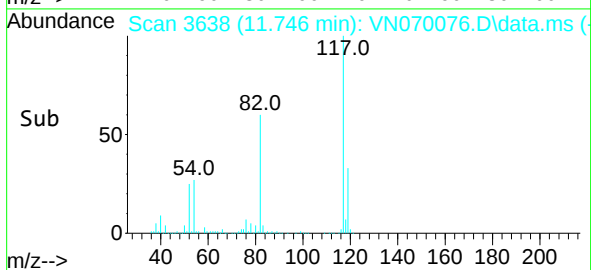
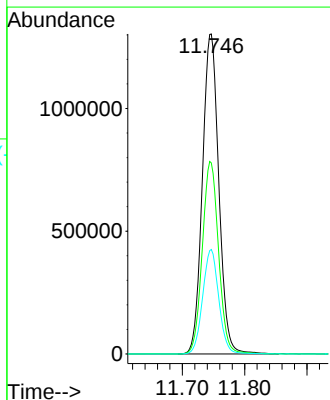
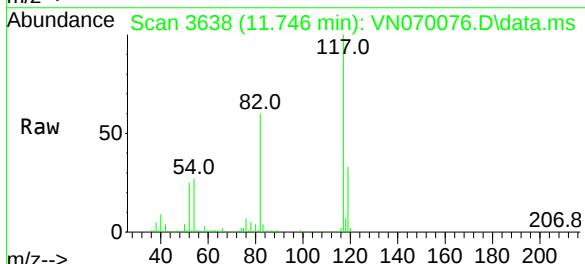
Instrument :
MSVOA_N
ClientSampleId :
R1-4RE

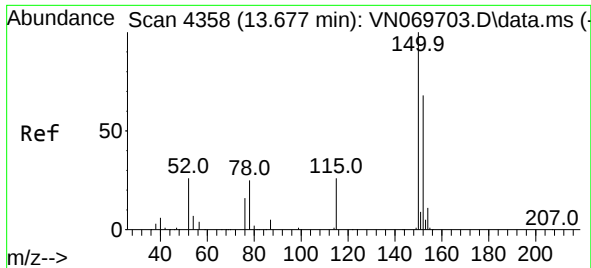
Tgt Ion: 95 Resp: 1163126
Ion Ratio Lower Upper
95 100
174 75.1 0.0 187.2
176 73.1 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN070076.D
Acq: 14 Dec 2021 17:17

Tgt Ion: 117 Resp: 2387298
Ion Ratio Lower Upper
117 100
82 59.7 42.4 63.6
119 32.7 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: VN070076.D

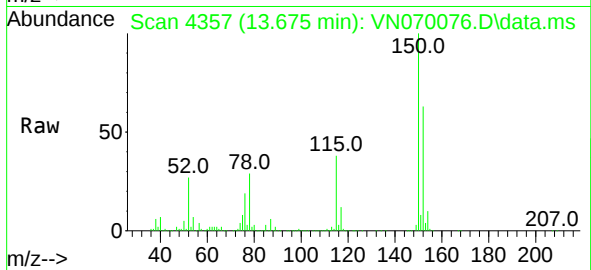
Acq: 14 Dec 2021 17:17

Instrument :

MSVOA_N

ClientSampleId :

R1-4RE



Tgt Ion:152 Resp: 982863

Ion Ratio Lower Upper

152 100

115 60.5 27.5 82.5

150 157.2 0.0 344.4

