

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122921\
 Data File : VN070351.D
 Acq On : 29 Dec 2021 16:16
 Operator : JC/MD
 Sample : M5115-08
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-6

Quant Time: Dec 30 01:51:04 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)

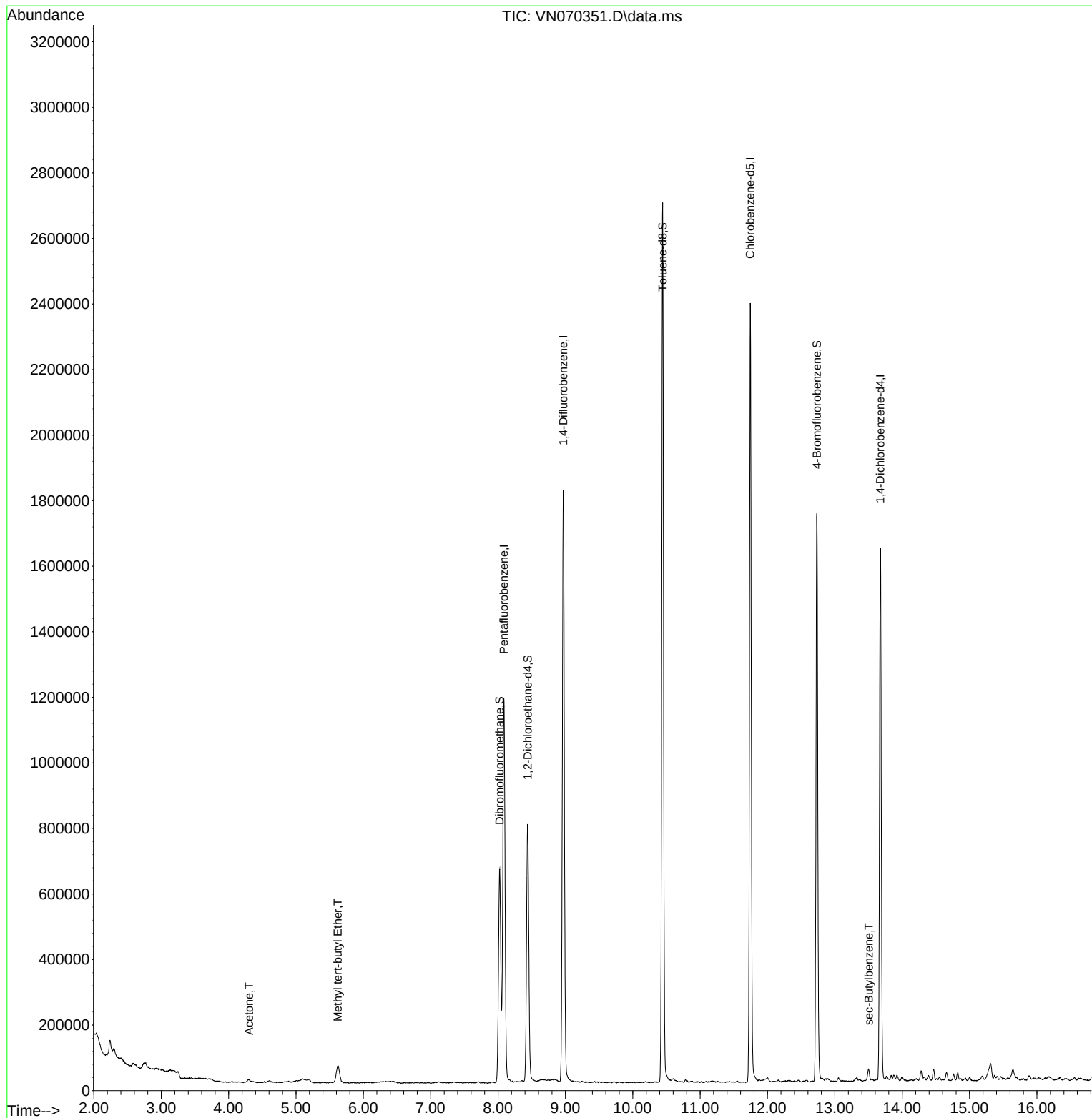
Internal Standards						
1) Pentafluorobenzene	8.086	168	898081	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1531371	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1372779	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	456485	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	682116	52.825	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 105.660%	
35) Dibromofluoromethane	8.024	113	483446	52.177	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 104.360%	
50) Toluene-d8	10.443	98	1829171	48.326	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 96.660%	
62) 4-Bromofluorobenzene	12.733	95	628260	45.956	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 91.920%	
Target Compounds						
						Qvalue
16) Acetone	4.304	43	13691	1.633	ug/l	97
19) Methyl tert-butyl Ether	5.618	73	76432	2.250	ug/l	99
85) sec-Butylbenzene	13.503	105	22878	0.563	ug/l	82

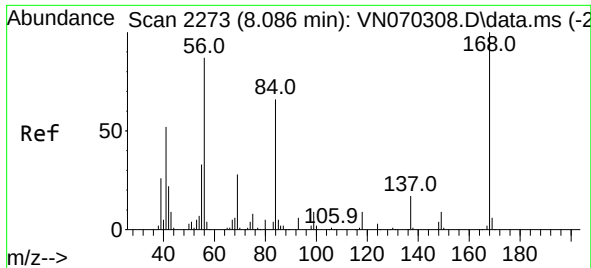
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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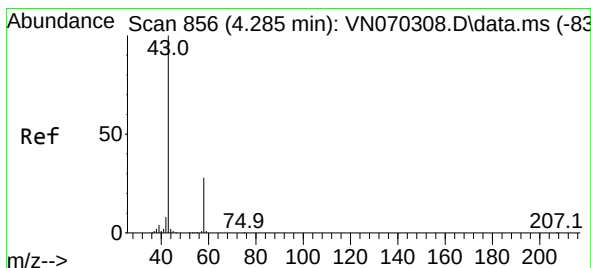
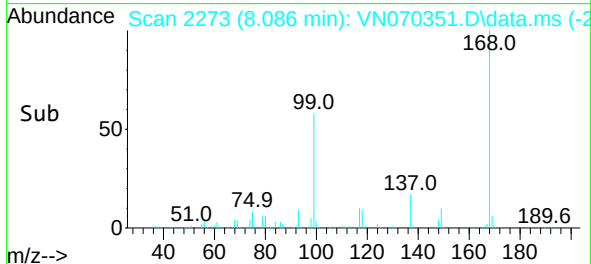
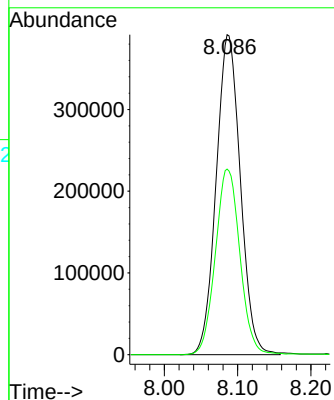
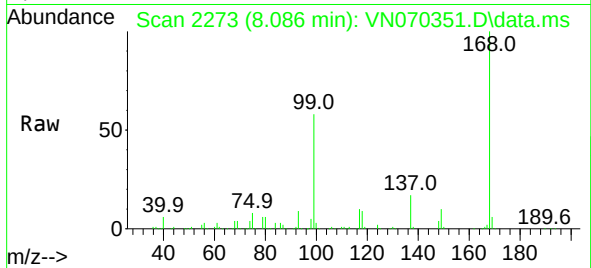




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070351.D
Acq: 29 Dec 2021 16:16

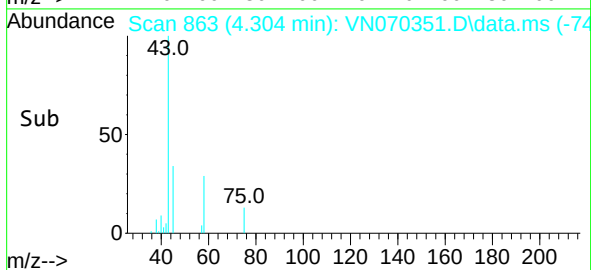
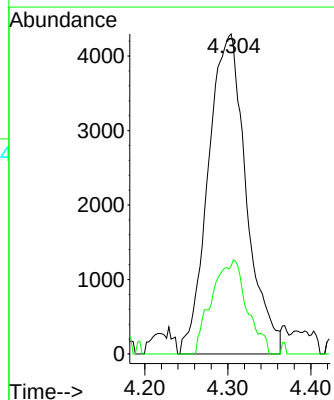
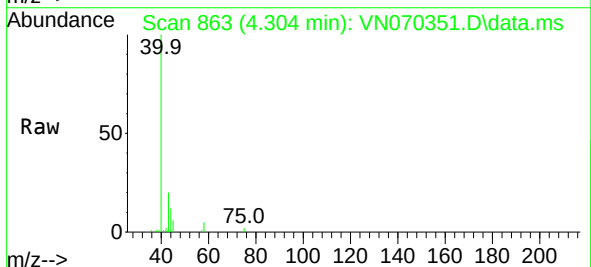
Instrument :
MSVOA_N
ClientSampleId :
MW-6

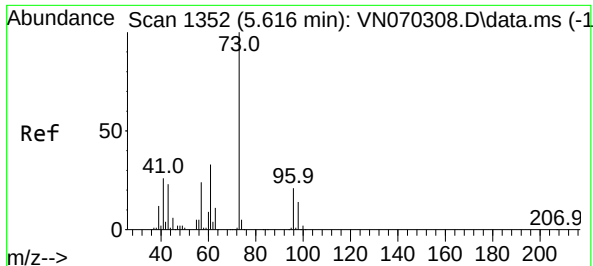
Tgt Ion:168 Resp: 898081
Ion Ratio Lower Upper
168 100
99 58.0 41.3 61.9



#16
Acetone
Concen: 1.633 ug/l
RT: 4.304 min Scan# 863
Delta R.T. 0.019 min
Lab File: VN070351.D
Acq: 29 Dec 2021 16:16

Tgt Ion: 43 Resp: 13691
Ion Ratio Lower Upper
43 100
58 27.5 23.1 34.7





#19

Methyl tert-butyl Ether

Concen: 2.250 ug/l

RT: 5.618 min Scan# 11

Delta R.T. 0.002 min

Lab File: VN070351.D

Acq: 29 Dec 2021 16:16

Instrument :

MSVOA_N

ClientSampleId :

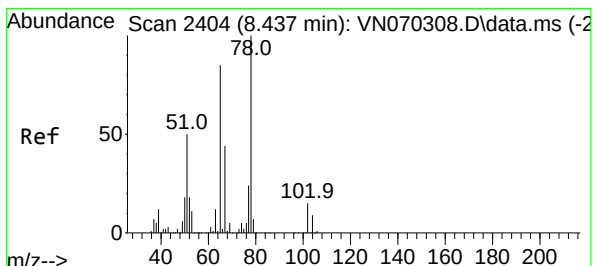
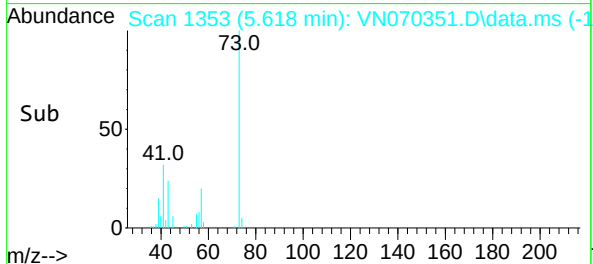
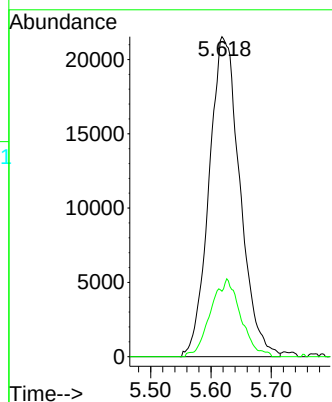
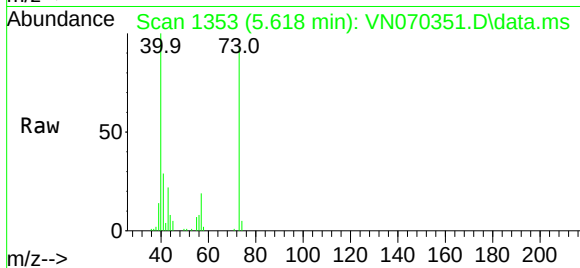
MW-6

Tgt Ion: 73 Resp: 76432

Ion Ratio Lower Upper

73 100

57 20.5 16.8 25.2



#33

1,2-Dichloroethane-d4

Concen: 52.825 ug/l

RT: 8.440 min Scan# 2405

Delta R.T. 0.003 min

Lab File: VN070351.D

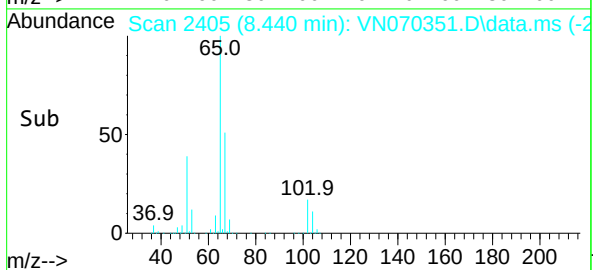
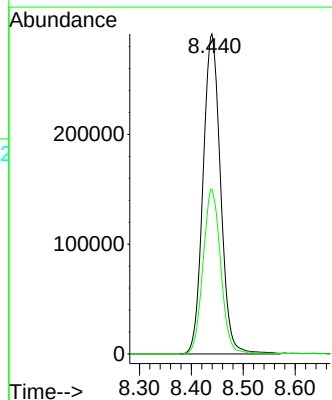
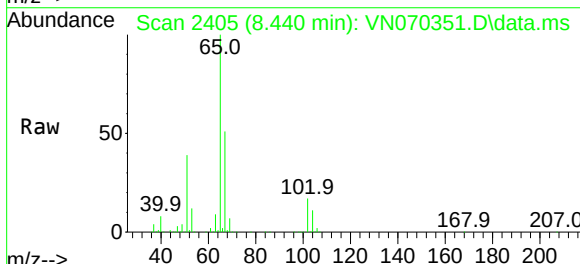
Acq: 29 Dec 2021 16:16

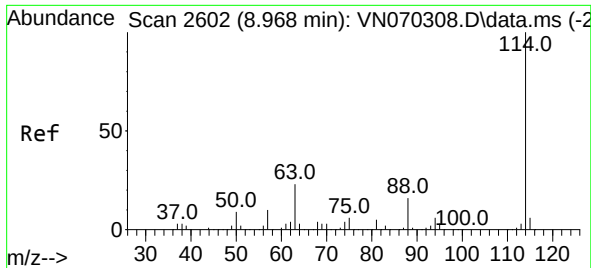
Tgt Ion: 65 Resp: 682116

Ion Ratio Lower Upper

65 100

67 51.7 0.0 103.0

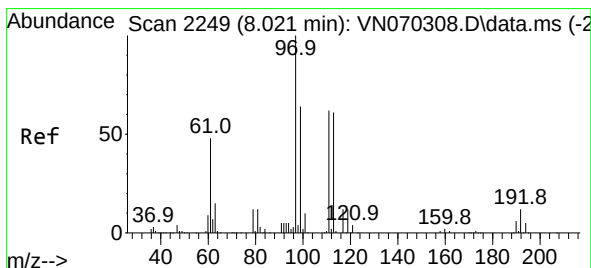
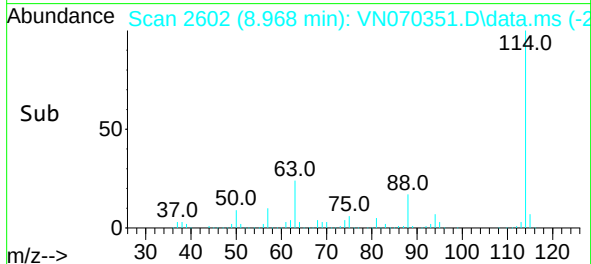
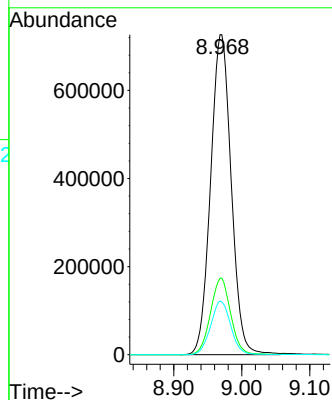
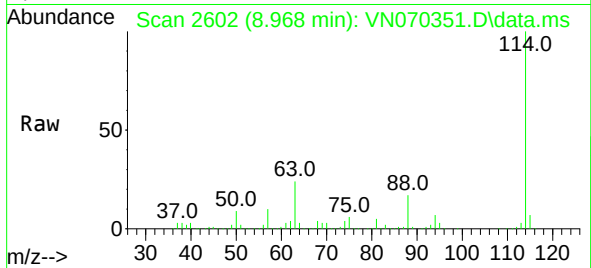




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070351.D
Acq: 29 Dec 2021 16:16

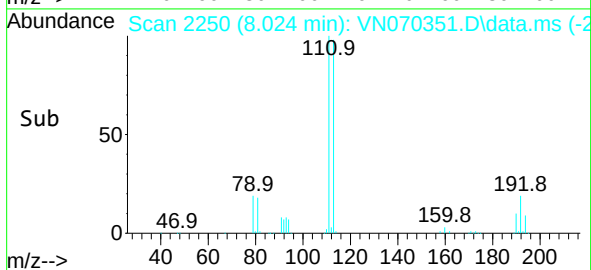
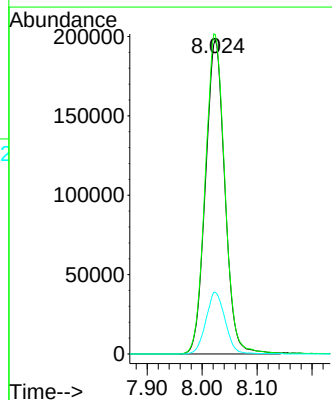
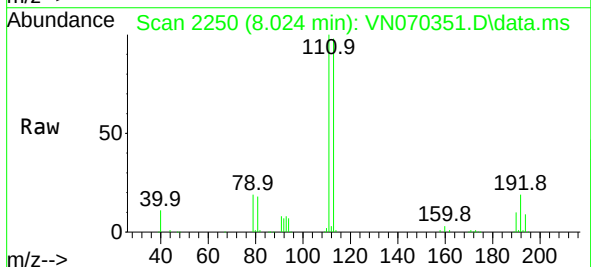
Instrument :
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ClientSampleId :
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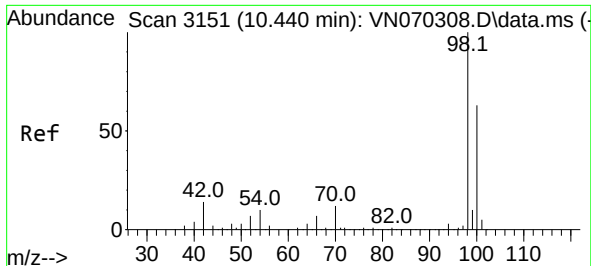
Tgt Ion:114 Resp: 1531371
Ion Ratio Lower Upper
114 100
63 23.9 0.0 37.8
88 16.8 0.0 27.4



#35
Dibromofluoromethane
Concen: 52.177 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN070351.D
Acq: 29 Dec 2021 16:16

Tgt Ion:113 Resp: 483446
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.2
192 19.5 16.9 25.3

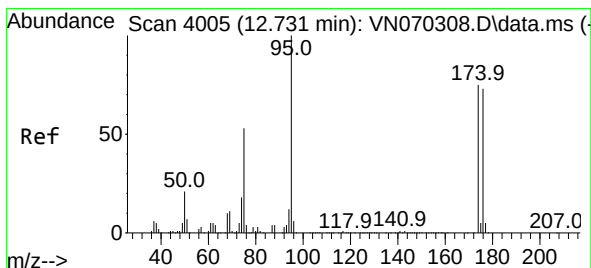
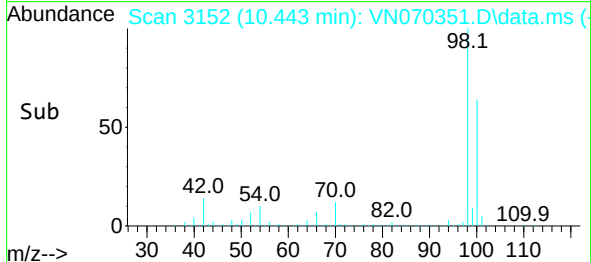
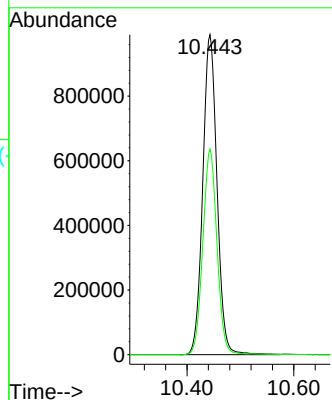
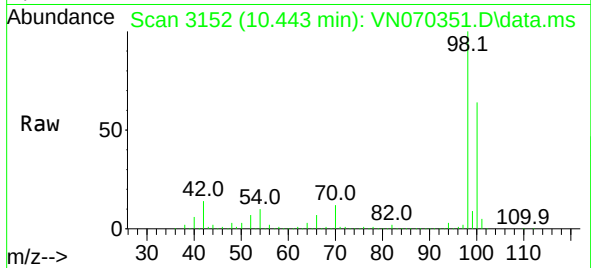




#50
Toluene-d8
Concen: 48.326 ug/l
RT: 10.443 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VN070351.D
Acq: 29 Dec 2021 16:16

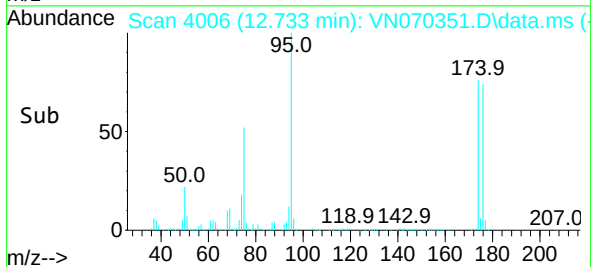
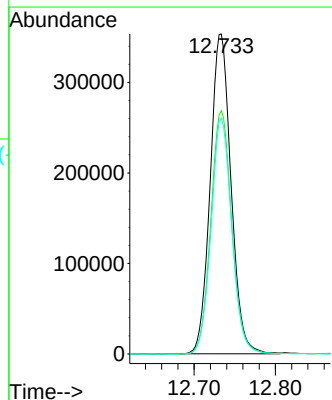
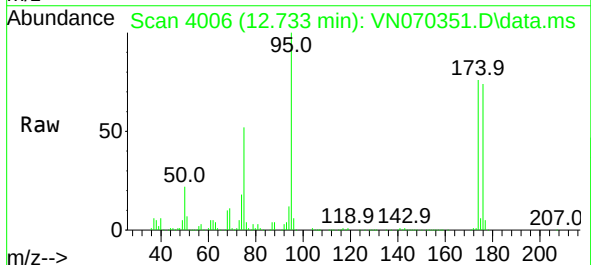
Instrument :
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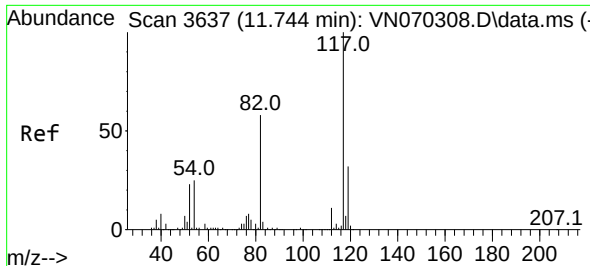
Tgt Ion: 98 Resp: 1829171
Ion Ratio Lower Upper
98 100
100 63.7 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 45.956 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.002 min
Lab File: VN070351.D
Acq: 29 Dec 2021 16:16

Tgt Ion: 95 Resp: 628260
Ion Ratio Lower Upper
95 100
174 76.8 0.0 187.2
176 73.6 0.0 181.4

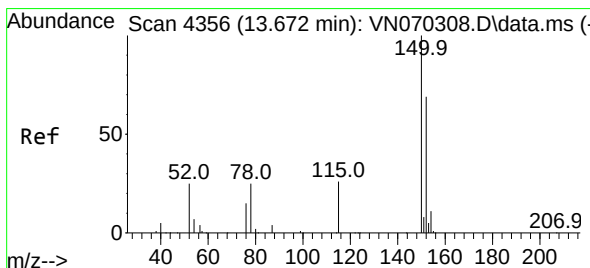
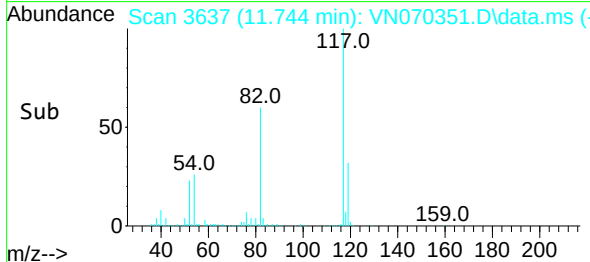
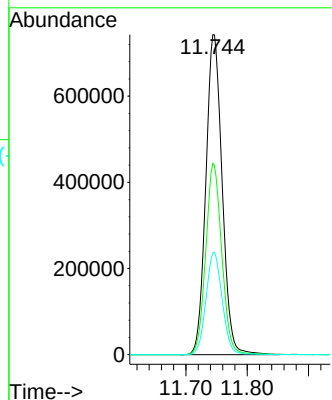
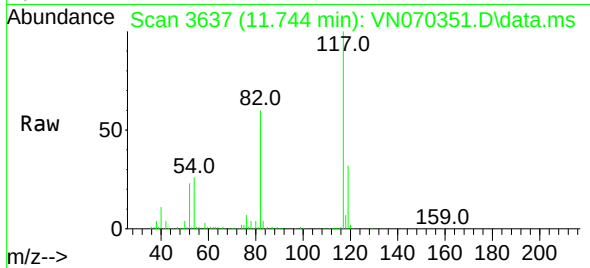




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN070351.D
Acq: 29 Dec 2021 16:16

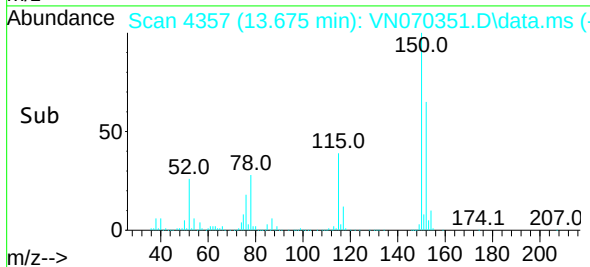
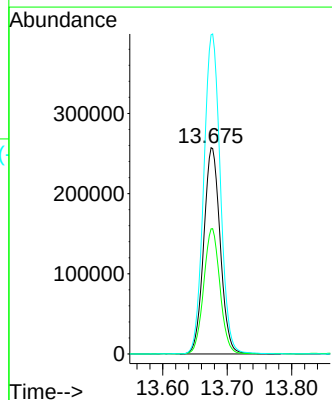
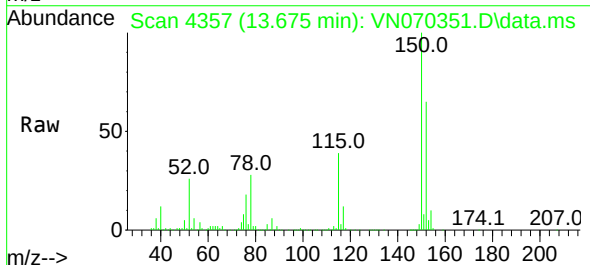
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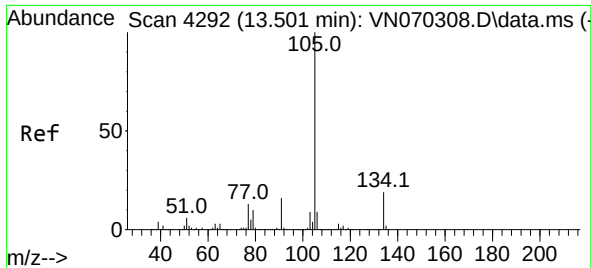
Tgt Ion:117 Resp: 1372779
Ion Ratio Lower Upper
117 100
82 59.8 42.4 63.6
119 31.8 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. 0.003 min
Lab File: VN070351.D
Acq: 29 Dec 2021 16:16

Tgt Ion:152 Resp: 456485
Ion Ratio Lower Upper
152 100
115 59.7 27.5 82.5
150 155.8 0.0 344.4





#85
 sec-Butylbenzene
 Concen: 0.563 ug/l
 RT: 13.503 min Scan# 41
 Delta R.T. 0.002 min
 Lab File: VN070351.D
 Acq: 29 Dec 2021 16:16

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-6

Tgt Ion:105 Resp: 22878
 Ion Ratio Lower Upper
 105 100
 134 12.1 10.4 31.1

