

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120821\
 Data File : VN069869.D
 Acq On : 8 Dec 2021 18:36
 Operator : JC/MD
 Sample : M4957-09
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW179D-20211206

Quant Time: Dec 09 11:44:35 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)

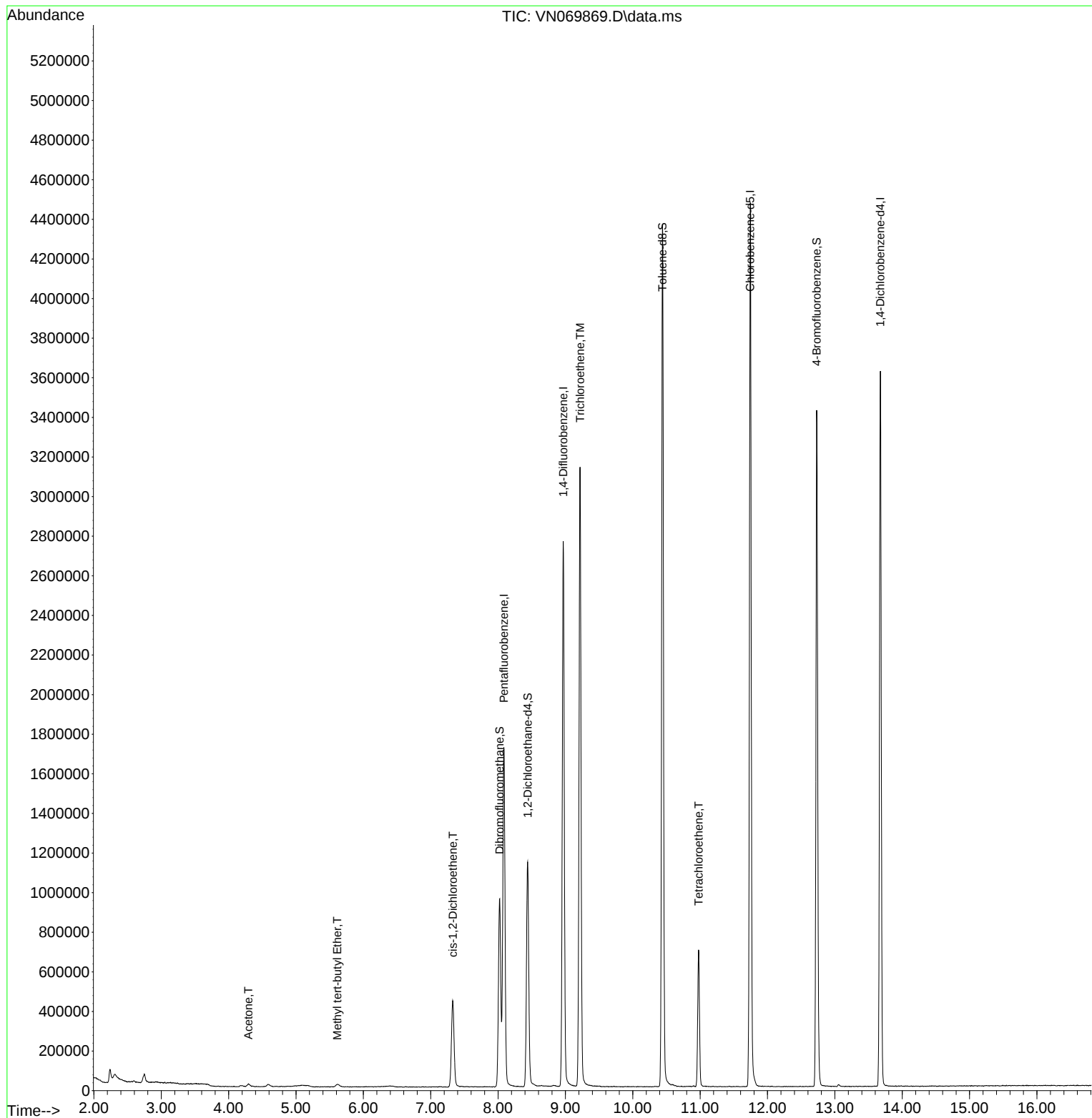
Internal Standards						
1) Pentafluorobenzene	8.086	168	1282247	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2306245	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2501139	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	969198	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	1000017	50.511	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.020%			
35) Dibromofluoromethane	8.024	113	691324	47.856	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 95.720%			
50) Toluene-d8	10.440	98	3007055	51.842	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 103.680%			
62) 4-Bromofluorobenzene	12.731	95	1191466	56.699	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 113.400%			
Target Compounds						
16) Acetone	4.293	43	22101	1.856	ug/l	91
19) Methyl tert-butyl Ether	5.613	73	18881	0.398	ug/l	96
27) cis-1,2-Dichloroethene	7.329	96	254706	15.891	ug/l	96
44) Trichloroethene	9.217	130	1092279	68.195	ug/l	92
64) Tetrachloroethene	10.977	164	152140	8.971	ug/l	96

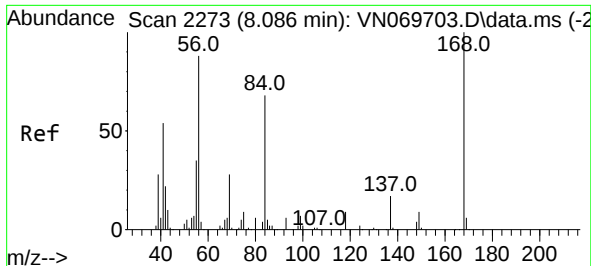
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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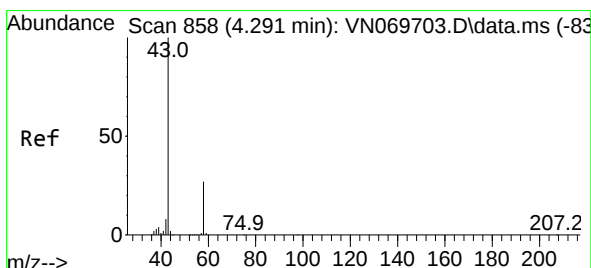
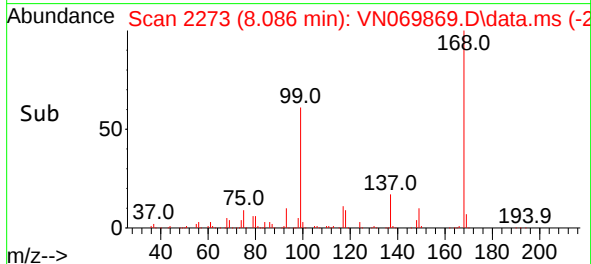
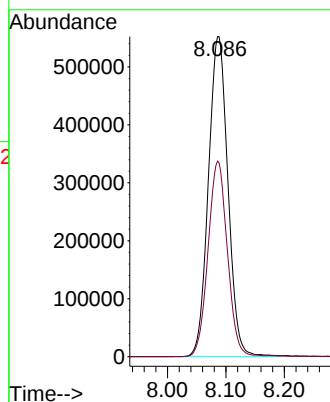
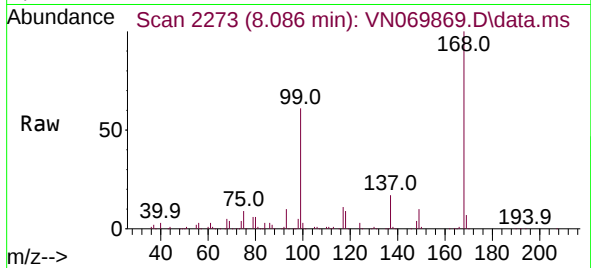




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069869.D
Acq: 8 Dec 2021 18:36

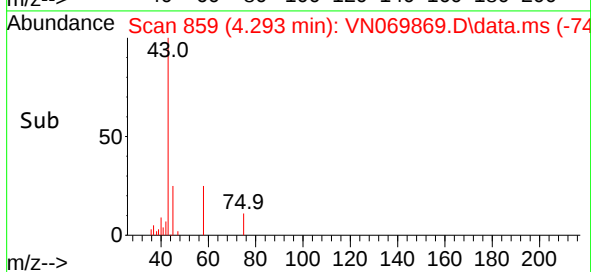
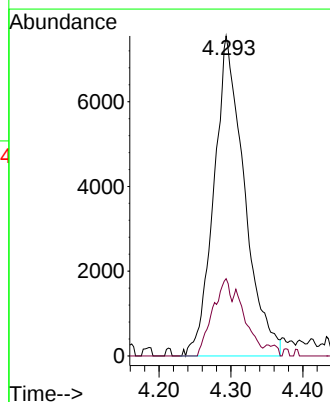
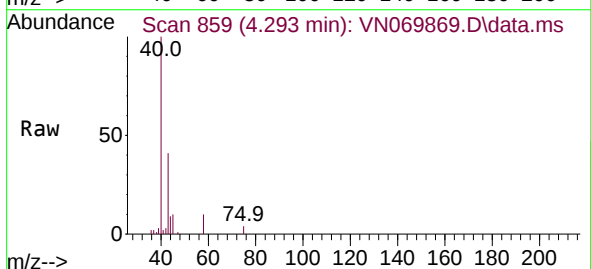
Instrument :
MSVOA_N
ClientSampleId :
MW179D-20211206

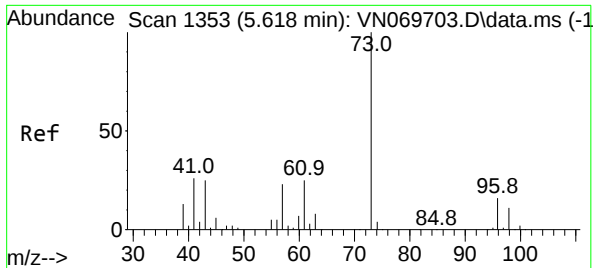
Tgt Ion:168 Resp: 1282247
Ion Ratio Lower Upper
168 100
99 61.0 41.3 61.9



#16
Acetone
Concen: 1.856 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.003 min
Lab File: VN069869.D
Acq: 8 Dec 2021 18:36

Tgt Ion: 43 Resp: 22101
Ion Ratio Lower Upper
43 100
58 24.2 23.1 34.7

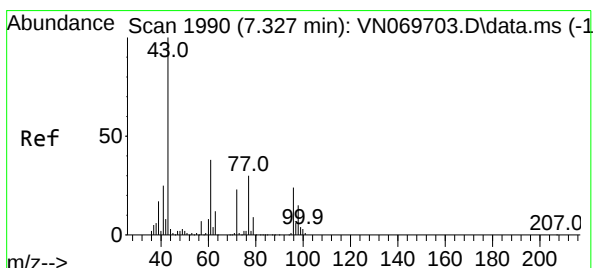
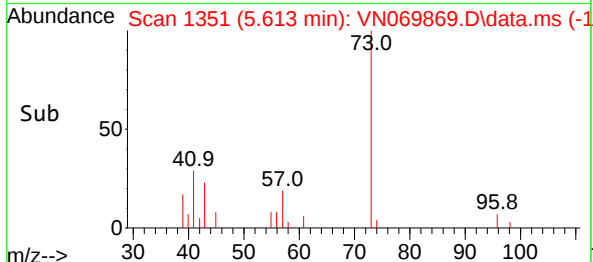
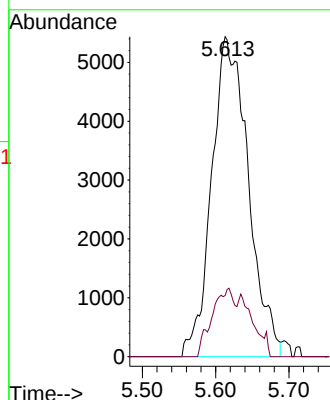
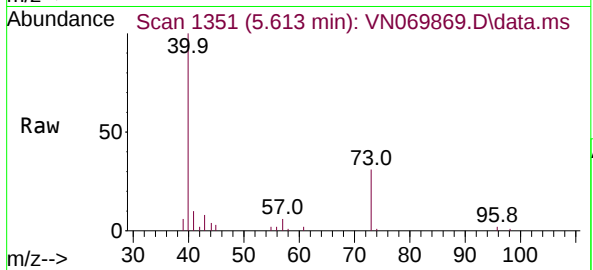




#19
Methyl tert-butyl Ether
Concen: 0.398 ug/l
RT: 5.613 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN069869.D
Acq: 8 Dec 2021 18:36

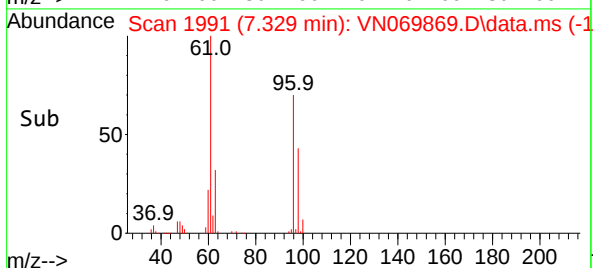
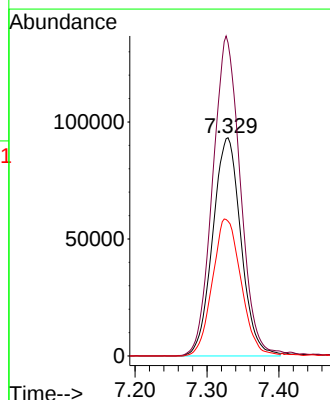
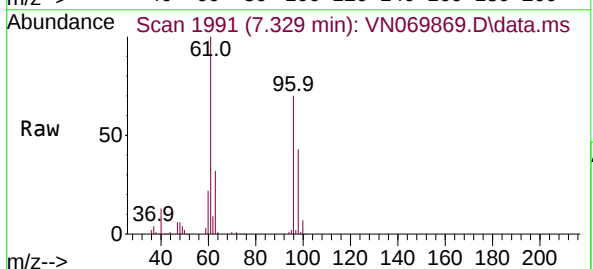
Instrument :
MSVOA_N
ClientSampleId :
MW179D-20211206

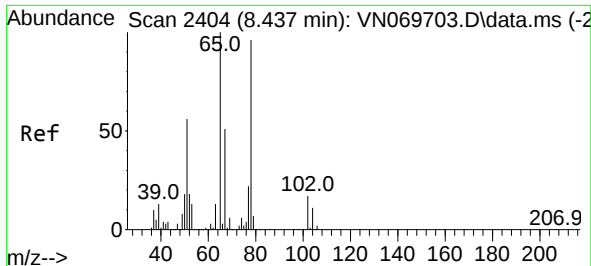
Tgt Ion: 73 Resp: 18881
Ion Ratio Lower Upper
73 100
57 19.1 16.8 25.2



#27
cis-1,2-Dichloroethene
Concen: 15.891 ug/l
RT: 7.329 min Scan# 1991
Delta R.T. 0.003 min
Lab File: VN069869.D
Acq: 8 Dec 2021 18:36

Tgt Ion: 96 Resp: 254706
Ion Ratio Lower Upper
96 100
61 143.7 0.0 275.0
98 63.7 0.0 129.6





#33

1,2-Dichloroethane-d4

Concen: 50.511 ug/l

RT: 8.440 min Scan# 24

Delta R.T. 0.003 min

Lab File: VN069869.D

Acq: 8 Dec 2021 18:36

Instrument :

MSVOA_N

ClientSampleId :

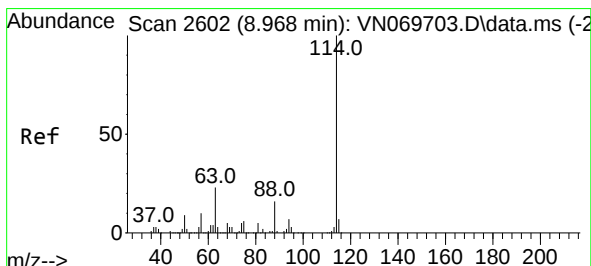
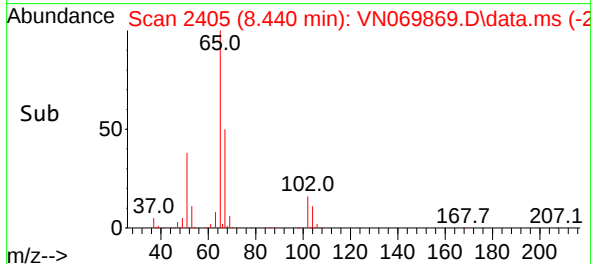
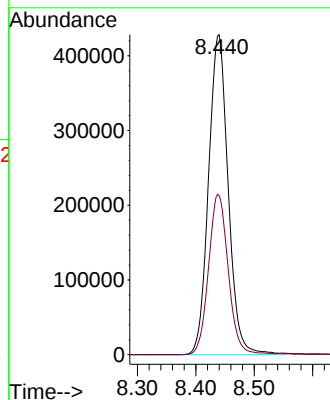
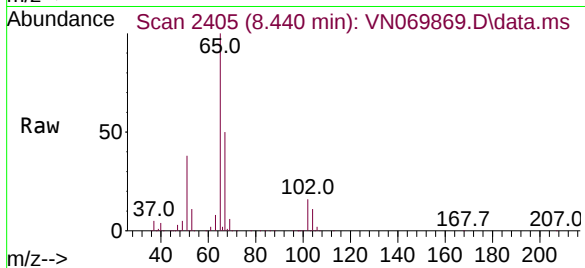
MW179D-20211206

Tgt Ion: 65 Resp: 1000017

Ion Ratio Lower Upper

65 100

67 50.3 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: VN069869.D

Acq: 8 Dec 2021 18:36

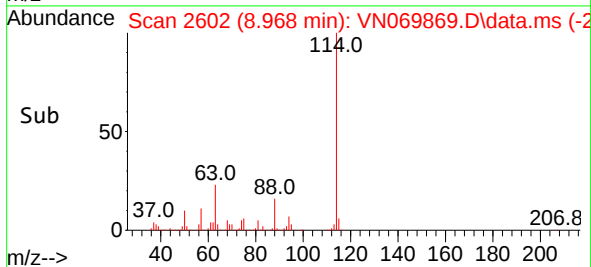
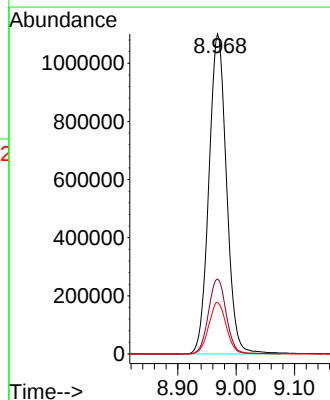
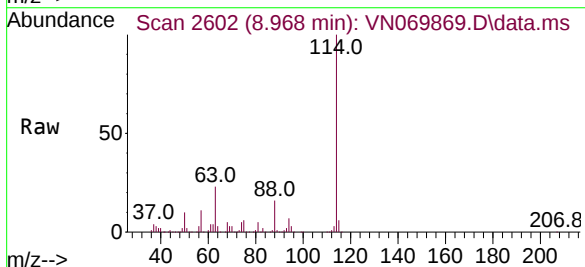
Tgt Ion: 114 Resp: 2306245

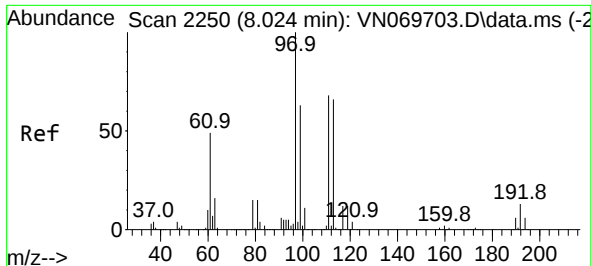
Ion Ratio Lower Upper

114 100

63 23.4 0.0 37.8

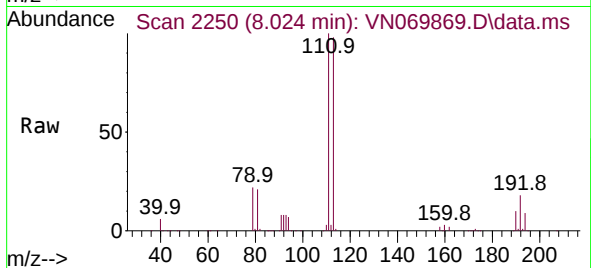
88 16.1 0.0 27.4



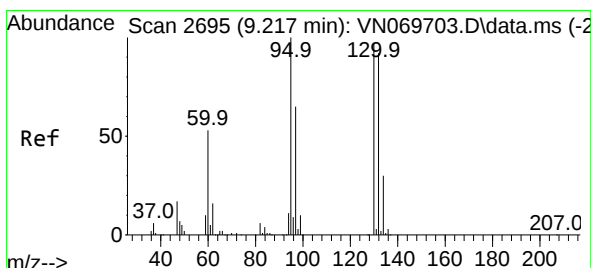
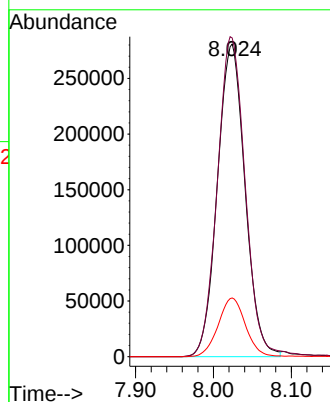
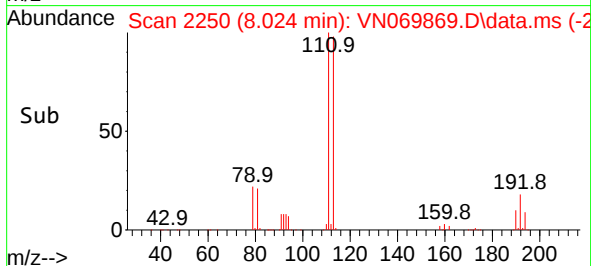


#35
 Dibromofluoromethane
 Concen: 47.856 ug/l
 RT: 8.024 min Scan# 211
 Delta R.T. 0.000 min
 Lab File: VN069869.D
 Acq: 8 Dec 2021 18:36

Instrument :
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 ClientSampleId :
 MW179D-20211206

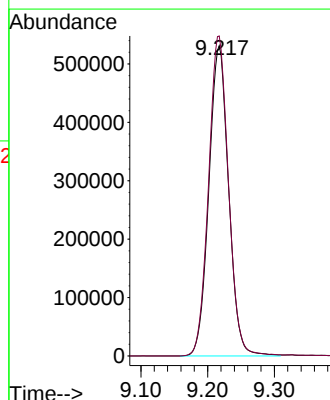
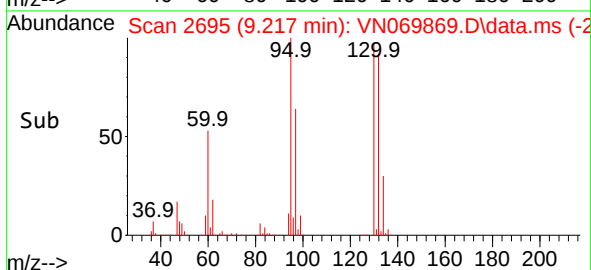
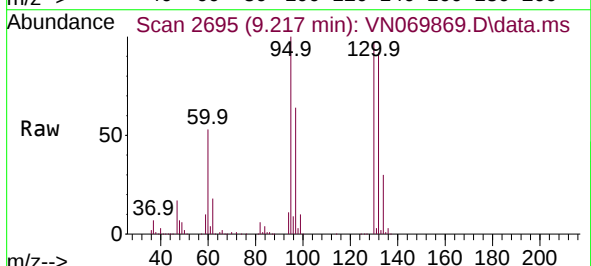


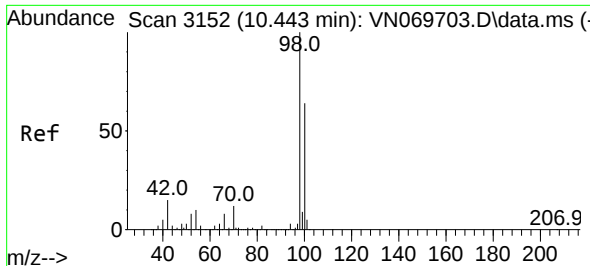
Tgt Ion:113 Resp: 691324
 Ion Ratio Lower Upper
 113 100
 111 103.6 82.2 123.2
 192 18.6 16.9 25.3



#44
 Trichloroethene
 Concen: 68.195 ug/l
 RT: 9.217 min Scan# 2695
 Delta R.T. 0.000 min
 Lab File: VN069869.D
 Acq: 8 Dec 2021 18:36

Tgt Ion:130 Resp: 1092279
 Ion Ratio Lower Upper
 130 100
 95 103.1 0.0 191.2

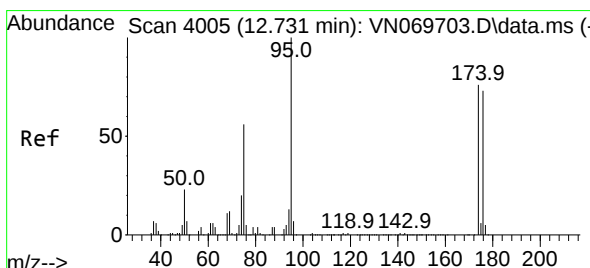
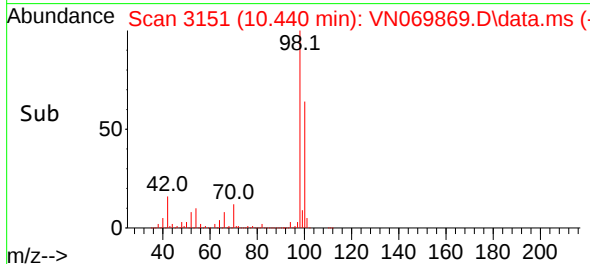
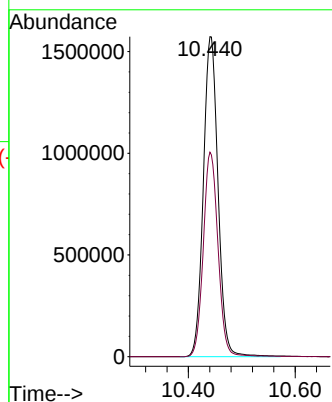
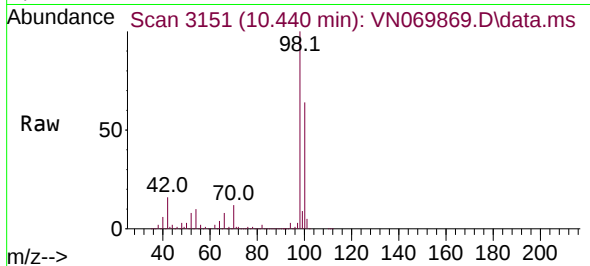




#50
Toluene-d8
Concen: 51.842 ug/l
RT: 10.440 min Scan# 3152
Delta R.T. -0.003 min
Lab File: VN069869.D
Acq: 8 Dec 2021 18:36

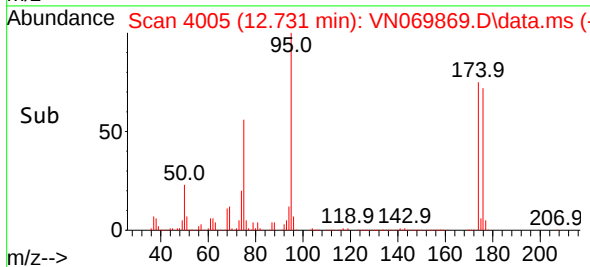
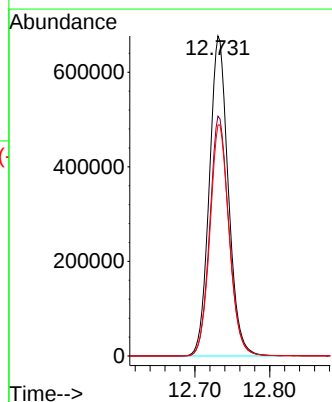
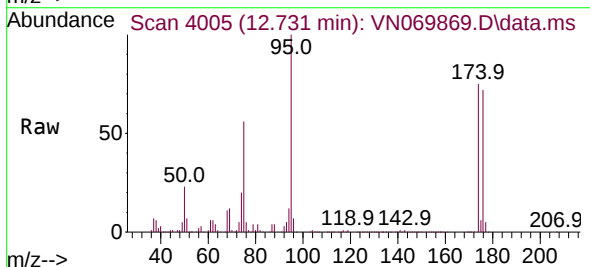
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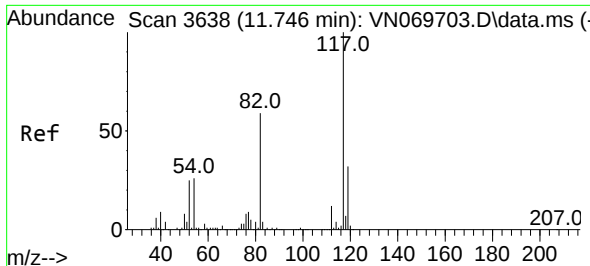
Tgt Ion: 98 Resp: 3007055
Ion Ratio Lower Upper
98 100
100 63.7 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 56.699 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069869.D
Acq: 8 Dec 2021 18:36

Tgt Ion: 95 Resp: 1191466
Ion Ratio Lower Upper
95 100
174 76.1 0.0 187.2
176 73.4 0.0 181.4

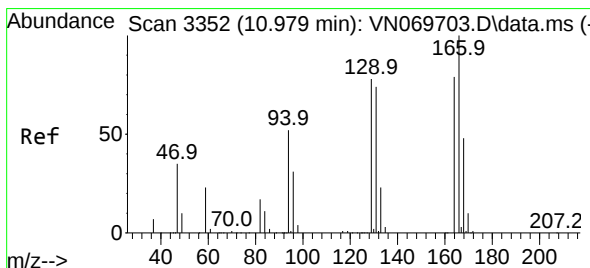
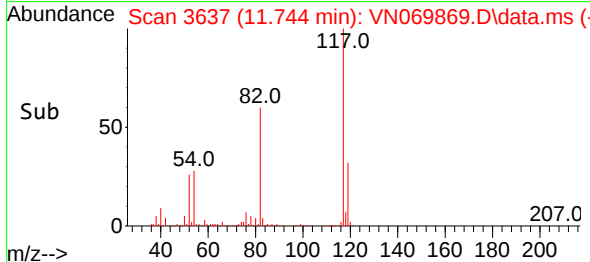
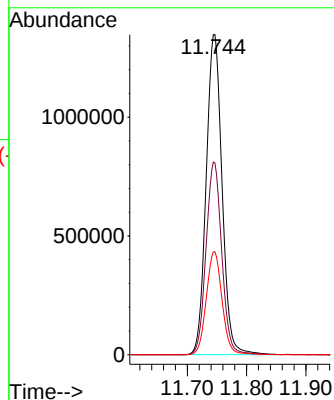
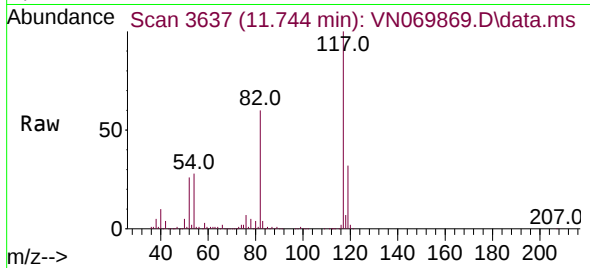




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN069869.D
Acq: 8 Dec 2021 18:36

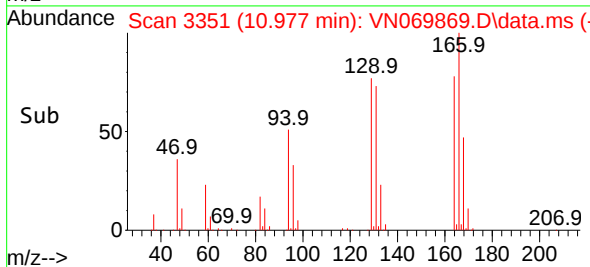
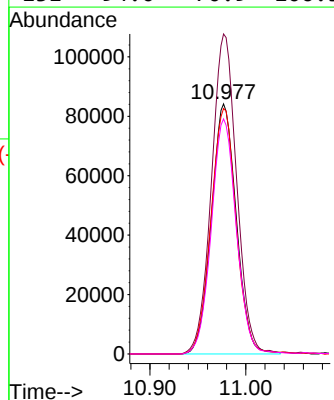
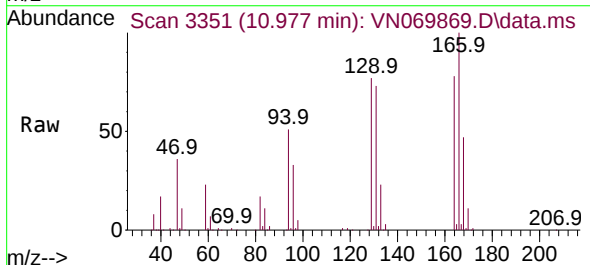
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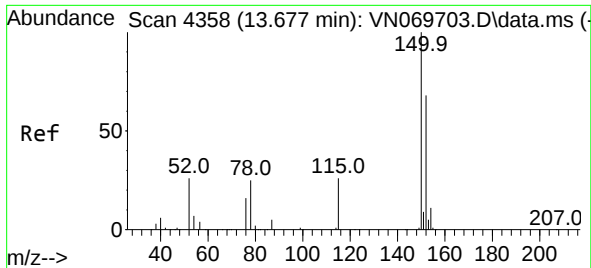
Tgt Ion:117 Resp: 2501139
Ion Ratio Lower Upper
117 100
82 60.2 42.4 63.6
119 32.1 25.4 38.2



#64
Tetrachloroethene
Concen: 8.971 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.002 min
Lab File: VN069869.D
Acq: 8 Dec 2021 18:36

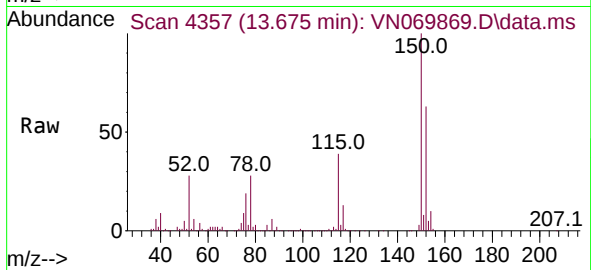
Tgt Ion:164 Resp: 152140
Ion Ratio Lower Upper
164 100
166 127.9 101.9 152.9
129 98.1 72.0 108.0
131 94.0 70.9 106.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.675 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VN069869.D
 Acq: 8 Dec 2021 18:36

Instrument :
 MSVOA_N
 ClientSampleId :
 MW179D-20211206



Tgt Ion:152 Resp: 969198
 Ion Ratio Lower Upper
 152 100
 115 60.9 27.5 82.5
 150 159.4 0.0 344.4

