

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111921\
 Data File : VN069588.D
 Acq On : 19 Nov 2021 16:31
 Operator : JC/MD
 Sample : M4764-05 50X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2

Quant Time: Nov 22 05:08:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 09 18:18:22 2021
 Response via : Initial Calibration

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

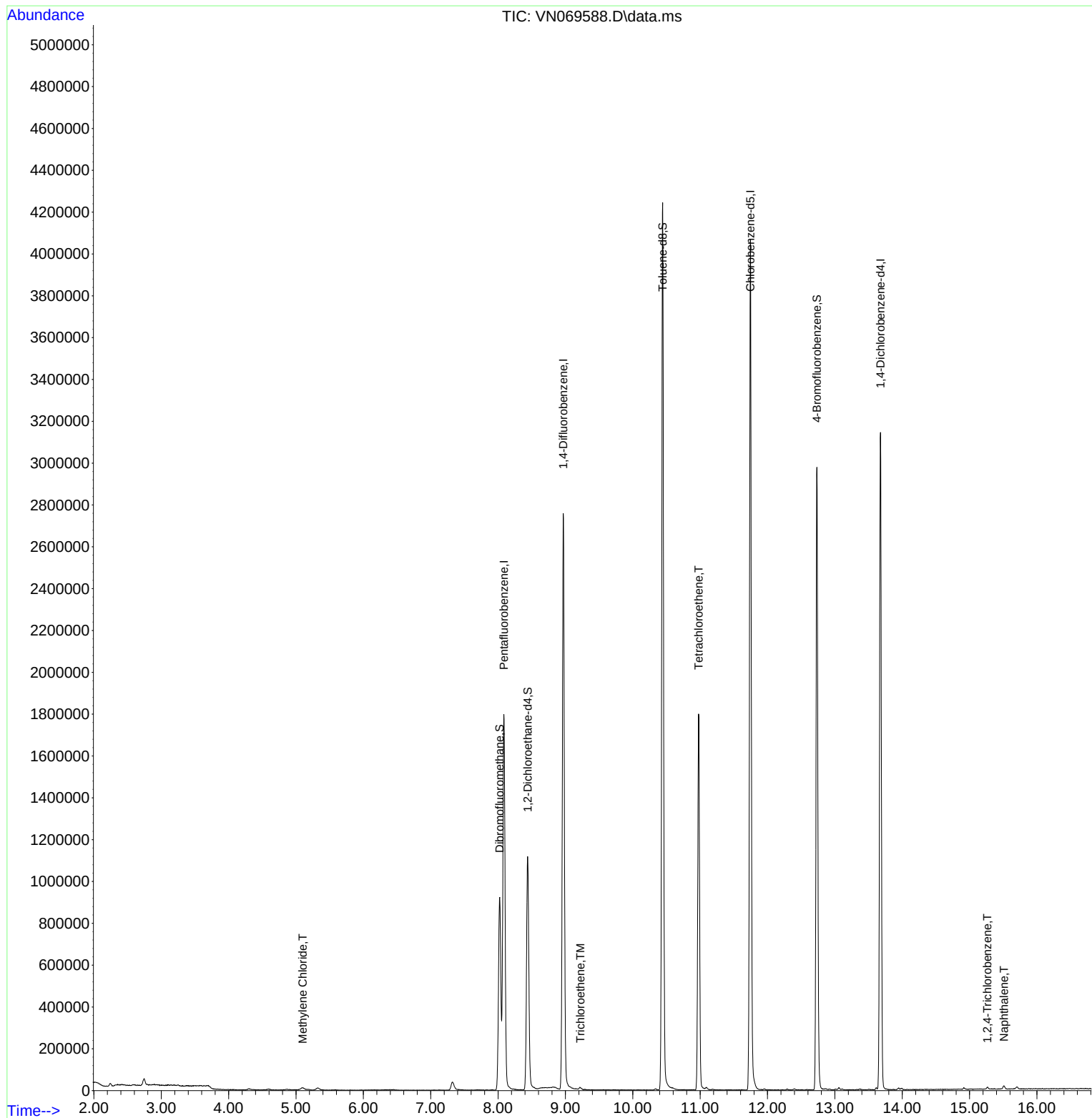
Internal Standards						
1) Pentafluorobenzene	8.086	168	1342999	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2326902	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	2299317	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	855548	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	979710	50.312	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.620%			
35) Dibromofluoromethane	8.024	113	680315	48.748	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 97.500%			
50) Toluene-d8	10.443	98	2913320	53.078	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 106.160%			
62) 4-Bromofluorobenzene	12.733	95	1031330	51.148	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 102.300%			
Target Compounds						Qvalue
20) Methylene Chloride	5.098	84	6388	0.429	ug/l	85
44) Trichloroethene	9.223	130	3023	0.209	ug/l	99
64) Tetrachloroethene	10.977	164	399799	28.797	ug/l	95
93) 1,2,4-Trichlorobenzene	15.263	180	2828	3.310	ug/l	92
95) Naphthalene	15.509	128	14500	4.799	ug/l	98

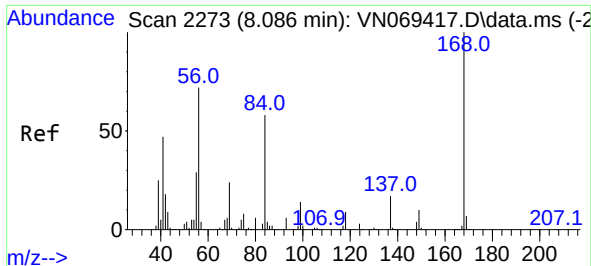
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Nov 09 18:18:22 2021
Response via : Initial Calibration

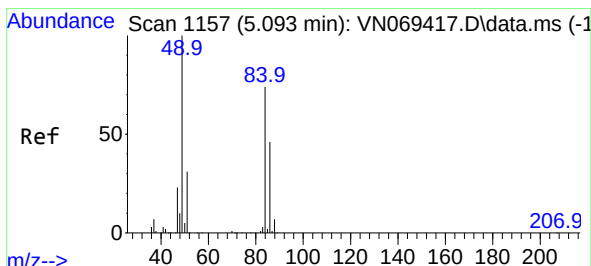
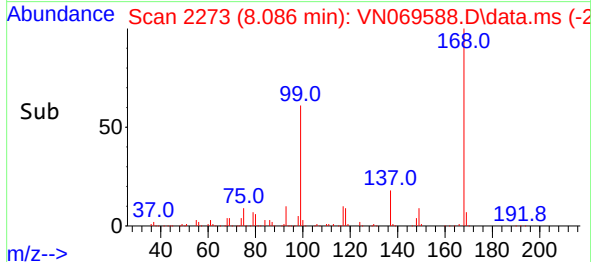
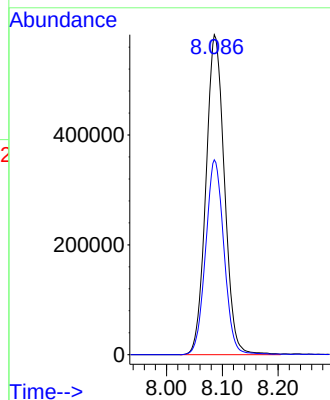
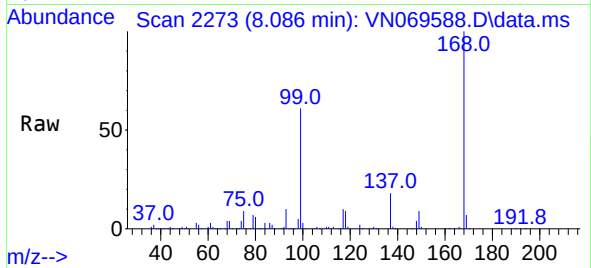




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069588.D
Acq: 19 Nov 2021 16:31

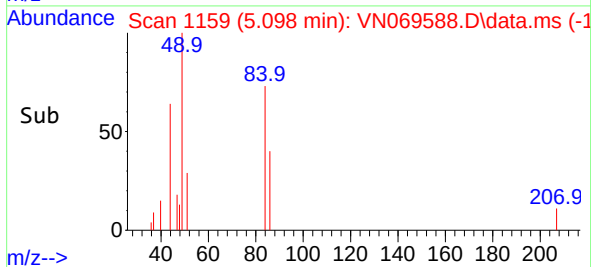
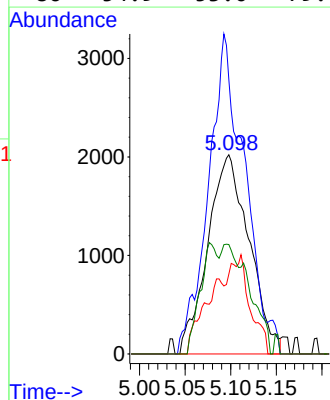
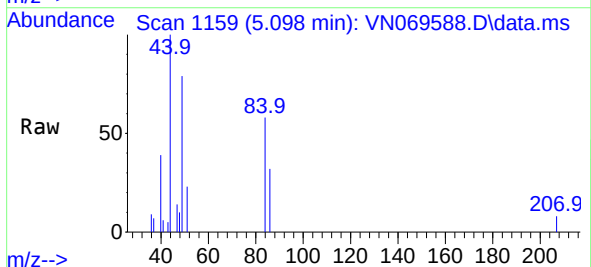
Instrument :
MSVOA_N
ClientSampleId :
MW-2

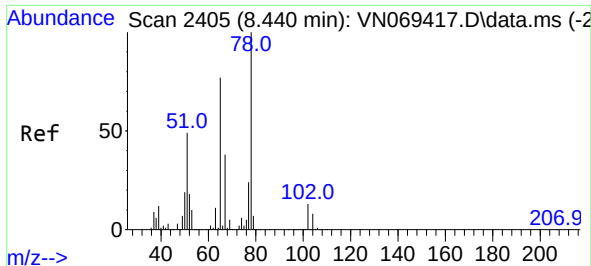
Tgt Ion:168 Resp: 1342999
Ion Ratio Lower Upper
168 100
99 60.9 41.3 61.9



#20
Methylene Chloride
Concen: 0.429 ug/l
RT: 5.098 min Scan# 1159
Delta R.T. 0.005 min
Lab File: VN069588.D
Acq: 19 Nov 2021 16:31

Tgt Ion: 84 Resp: 6388
Ion Ratio Lower Upper
84 100
49 137.7 93.5 140.3
51 40.1 29.4 44.2
86 54.9 53.0 79.4





#33

1,2-Dichloroethane-d4

Concen: 50.312 ug/l

RT: 8.440 min Scan# 2405

Delta R.T. -0.000 min

Lab File: VN069588.D

Acq: 19 Nov 2021 16:31

Instrument :

MSVOA_N

ClientSampleId :

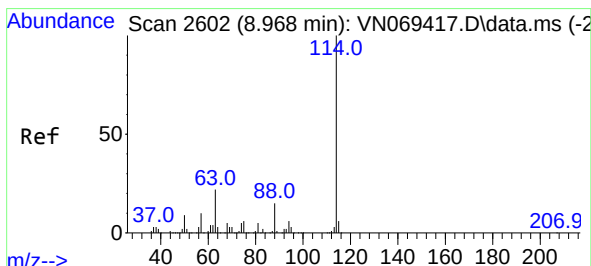
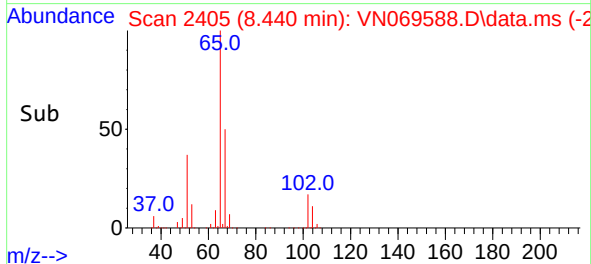
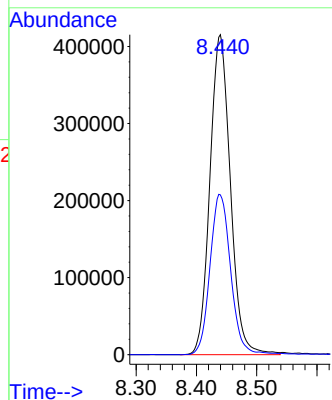
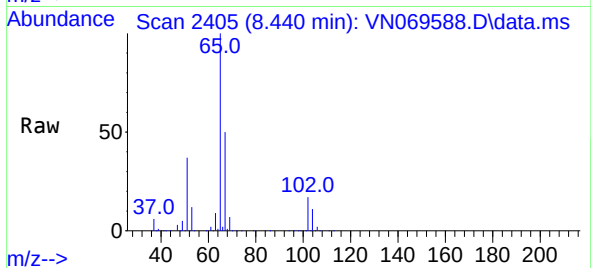
MW-2

Tgt Ion: 65 Resp: 979710

Ion Ratio Lower Upper

65 100

67 50.7 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: VN069588.D

Acq: 19 Nov 2021 16:31

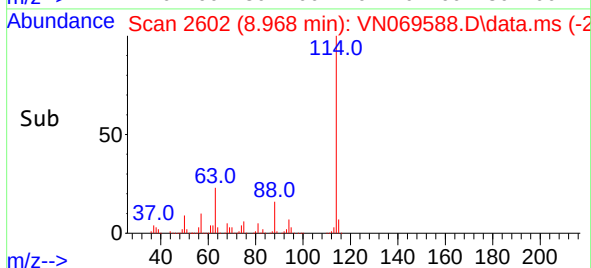
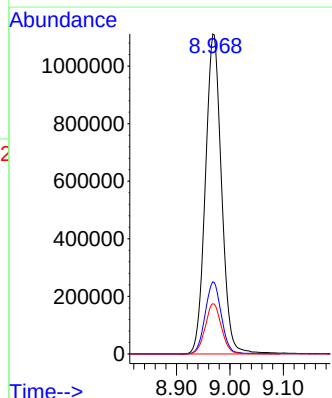
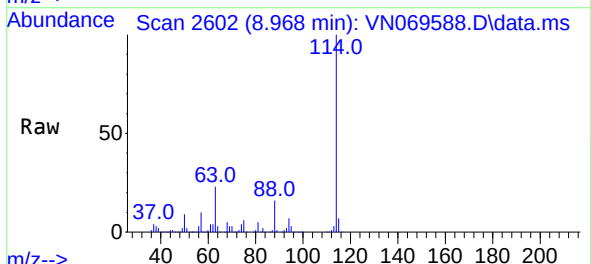
Tgt Ion: 114 Resp: 2326902

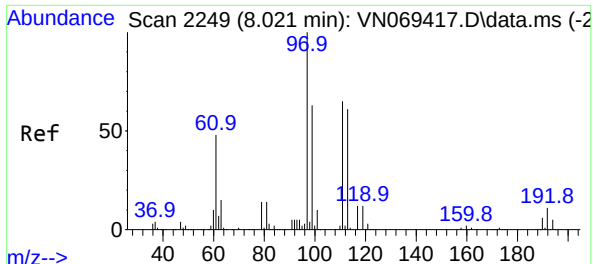
Ion Ratio Lower Upper

114 100

63 22.6 0.0 37.8

88 15.7 0.0 27.4

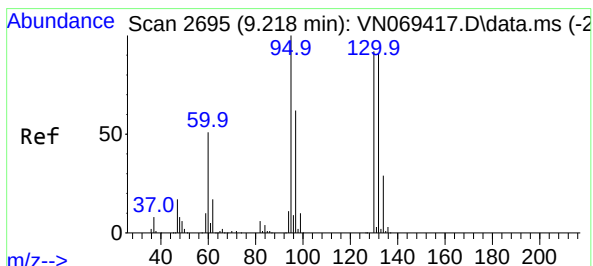
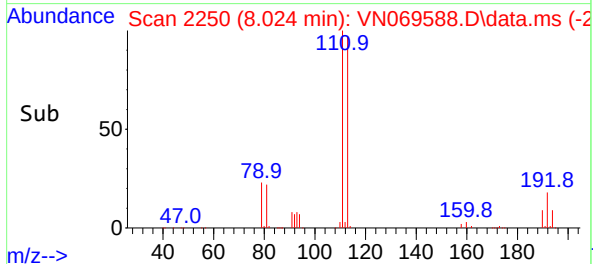
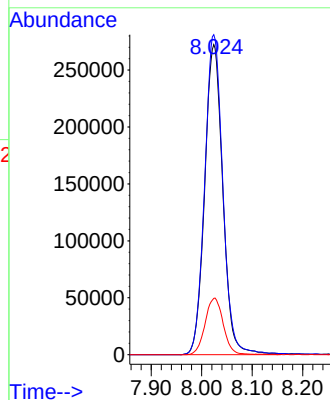
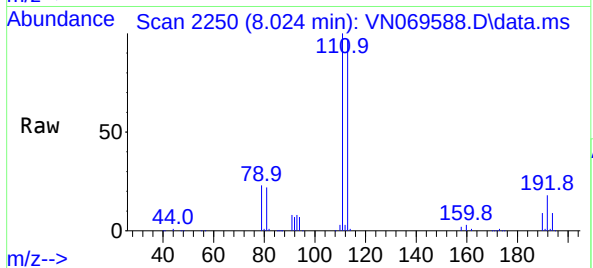




#35
Dibromofluoromethane
Concen: 48.748 ug/l
RT: 8.024 min Scan# 211
Delta R.T. 0.003 min
Lab File: VN069588.D
Acq: 19 Nov 2021 16:31

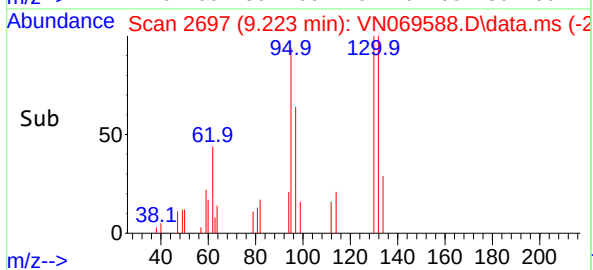
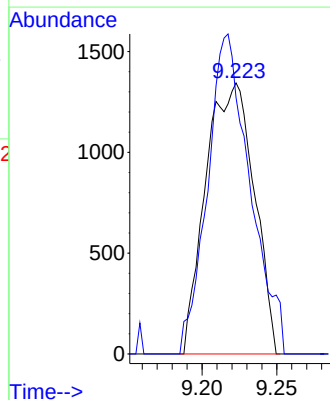
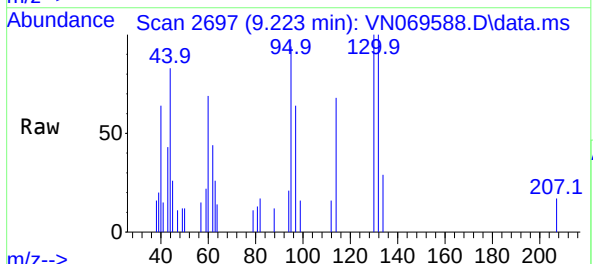
Instrument :
MSVOA_N
ClientSampleId :
MW-2

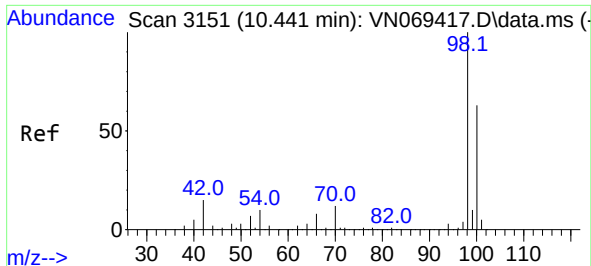
Tgt Ion:113 Resp: 680315
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.2
192 18.2 16.9 25.3



#44
Trichloroethene
Concen: 0.209 ug/l
RT: 9.223 min Scan# 2697
Delta R.T. 0.005 min
Lab File: VN069588.D
Acq: 19 Nov 2021 16:31

Tgt Ion:130 Resp: 3023
Ion Ratio Lower Upper
130 100
95 94.6 0.0 191.2

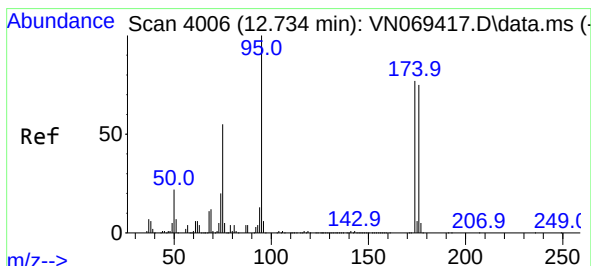
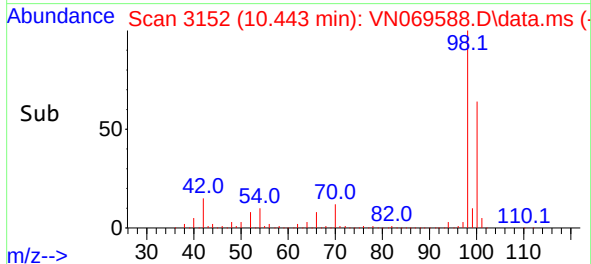
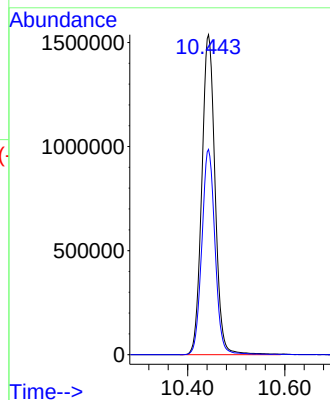
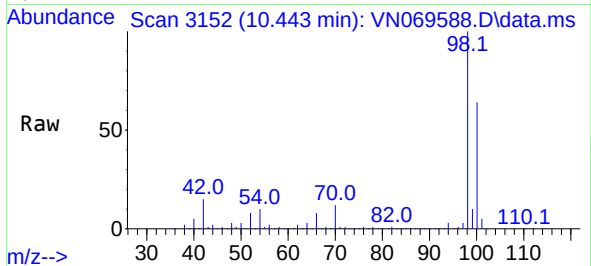




#50
Toluene-d8
Concen: 53.078 ug/l
RT: 10.443 min Scan# 3151
Delta R.T. 0.002 min
Lab File: VN069588.D
Acq: 19 Nov 2021 16:31

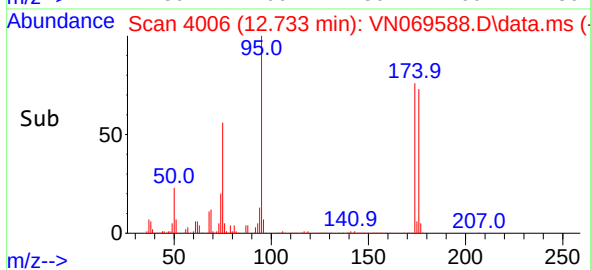
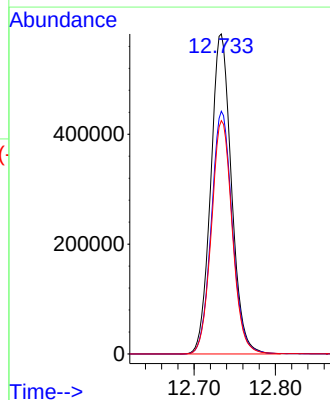
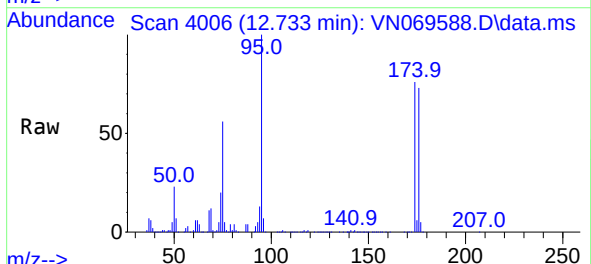
Instrument :
MSVOA_N
ClientSampleId :
MW-2

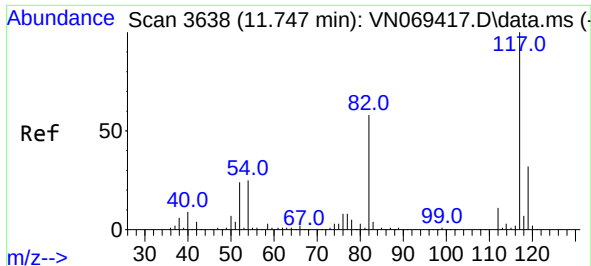
Tgt Ion: 98 Resp: 2913320
Ion Ratio Lower Upper
98 100
100 63.8 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 51.148 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.001 min
Lab File: VN069588.D
Acq: 19 Nov 2021 16:31

Tgt Ion: 95 Resp: 1031330
Ion Ratio Lower Upper
95 100
174 77.0 0.0 187.2
176 73.5 0.0 181.4

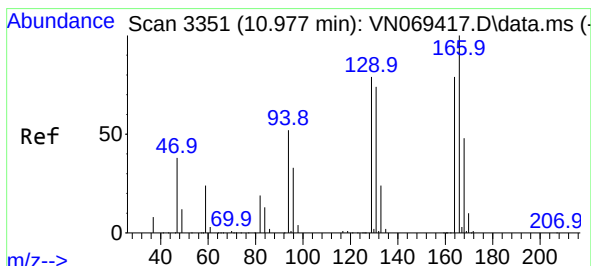
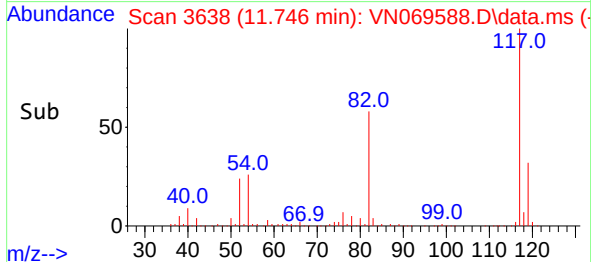
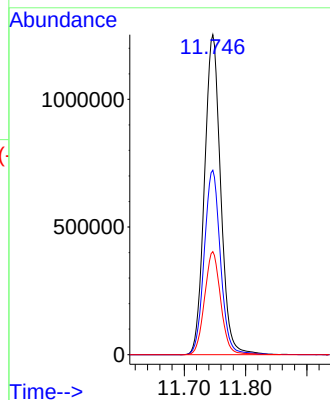
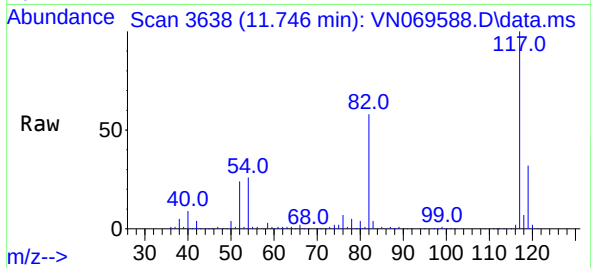




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.001 min
Lab File: VN069588.D
Acq: 19 Nov 2021 16:31

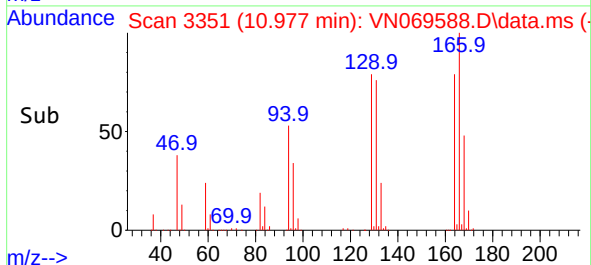
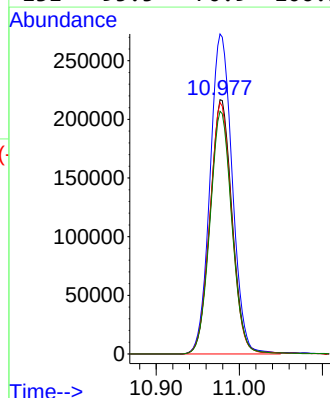
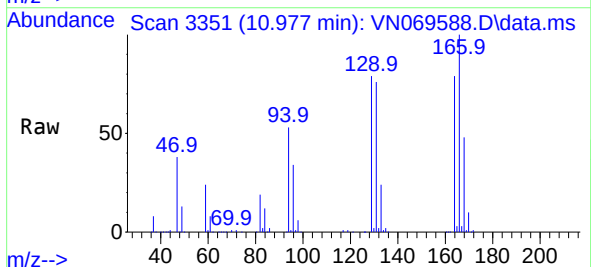
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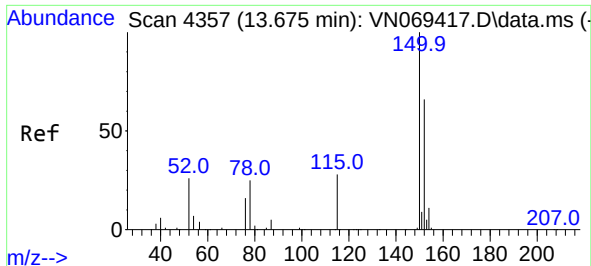
Tgt Ion:117 Resp: 2299317
Ion Ratio Lower Upper
117 100
82 57.7 42.4 63.6
119 32.2 25.4 38.2



#64
Tetrachloroethene
Concen: 28.797 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.000 min
Lab File: VN069588.D
Acq: 19 Nov 2021 16:31

Tgt Ion:164 Resp: 399799
Ion Ratio Lower Upper
164 100
166 125.9 101.9 152.9
129 98.9 72.0 108.0
131 95.5 70.9 106.3

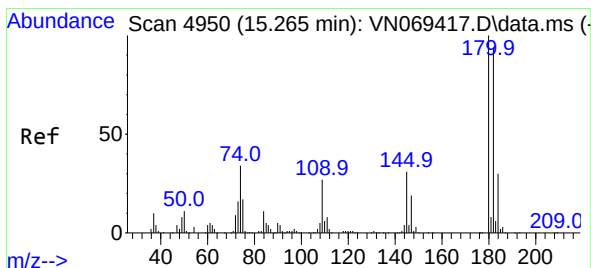
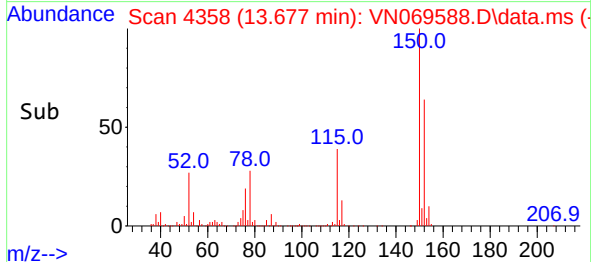
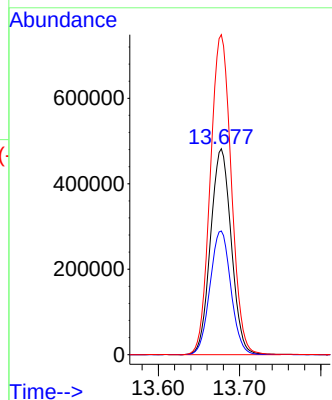
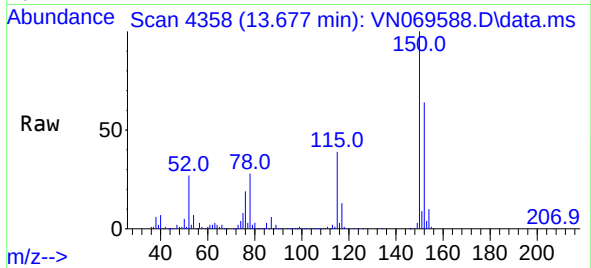




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 41
Delta R.T. 0.002 min
Lab File: VN069588.D
Acq: 19 Nov 2021 16:31

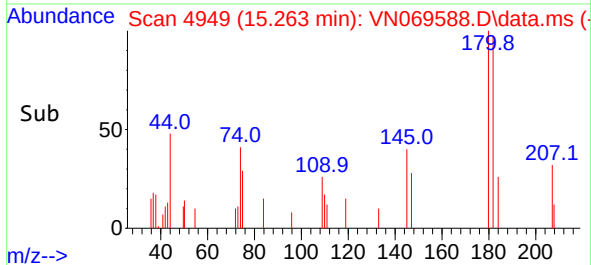
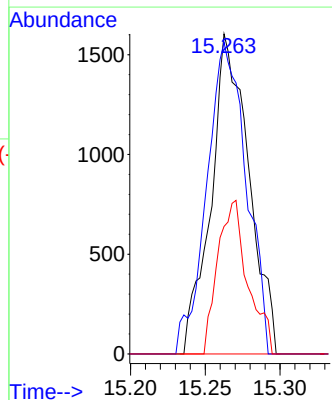
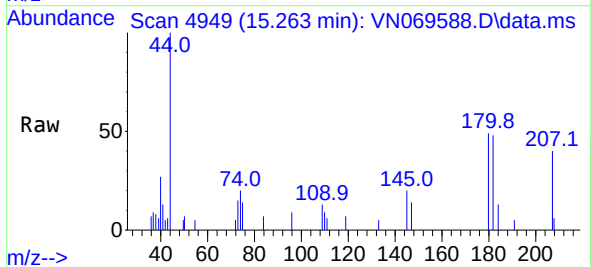
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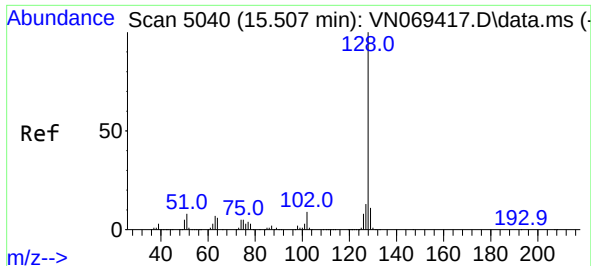
Tgt Ion:152 Resp: 855548
Ion Ratio Lower Upper
152 100
115 60.2 27.5 82.5
150 157.0 0.0 344.4



#93
1,2,4-Trichlorobenzene
Concen: 3.310 ug/l
RT: 15.263 min Scan# 4949
Delta R.T. -0.002 min
Lab File: VN069588.D
Acq: 19 Nov 2021 16:31

Tgt Ion:180 Resp: 2828
Ion Ratio Lower Upper
180 100
182 101.6 48.3 144.9
145 38.0 14.5 43.5





#95

Naphthalene

Concen: 4.799 ug/l

RT: 15.509 min Scan# 5041

Delta R.T. 0.002 min

Lab File: VN069588.D

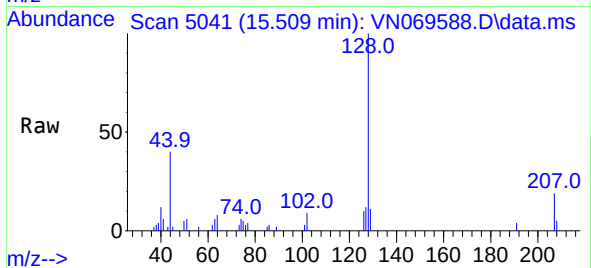
Acq: 19 Nov 2021 16:31

Instrument :

MSVOA_N

ClientSampleId :

MW-2



Tgt Ion:128 Resp: 14500

Ion Ratio Lower Upper

128 100

127 13.8 10.5 15.7

129 11.6 8.7 13.1

