

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120821\
 Data File : VN069857.D
 Acq On : 8 Dec 2021 13:31
 Operator : JC/MD
 Sample : M4957-01DL 5X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW17811-20211206DL

Quant Time: Dec 09 11:38:04 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)

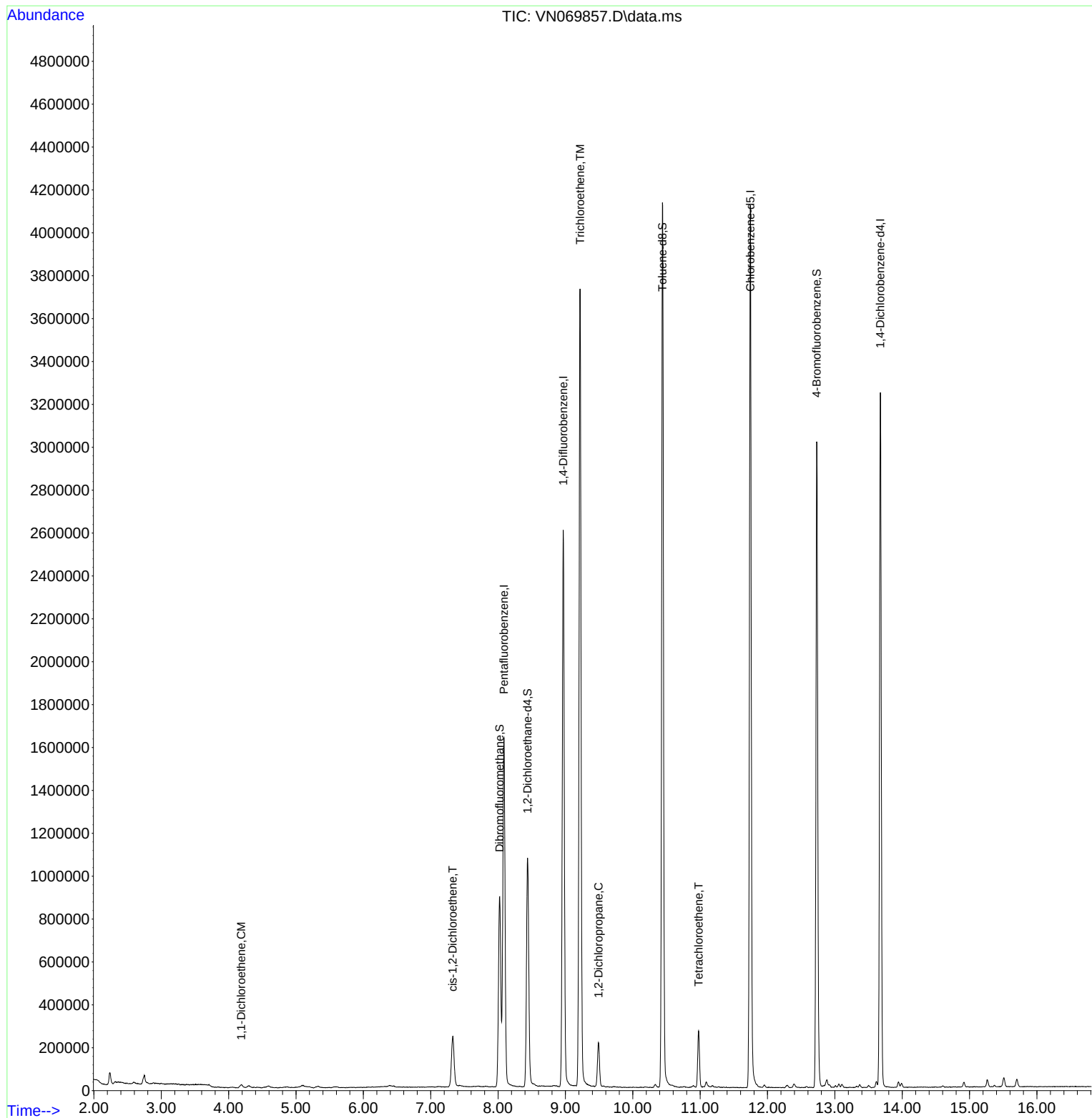
Internal Standards						
1) Pentafluorobenzene	8.088	168	1204860	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2188539	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	2310447	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	856048	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	941703	50.62	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.24%			
35) Dibromofluoromethane	8.024	113	650688	47.47	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 94.94%			
50) Toluene-d8	10.440	98	2832730	51.46	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.92%			
62) 4-Bromofluorobenzene	12.731	95	1069769	53.65	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 107.30%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.189	96	6847	0.60	ug/l	95
27) cis-1,2-Dichloroethene	7.327	96	127654	8.48	ug/l	96
44) Trichloroethene	9.217	130	1302523	85.69	ug/l	89
45) 1,2-Dichloropropane	9.491	63	80613	4.71	ug/l	99
64) Tetrachloroethene	10.977	164	58737	3.75	ug/l	92

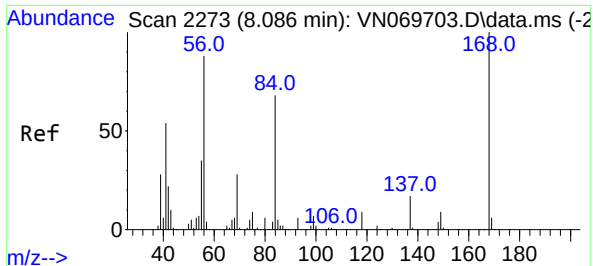
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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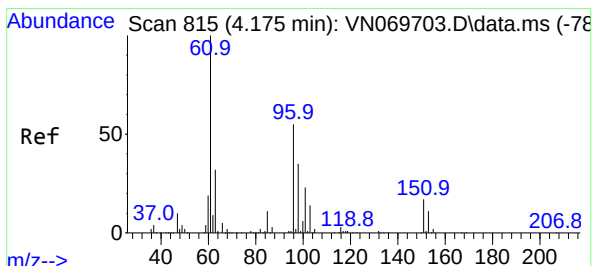
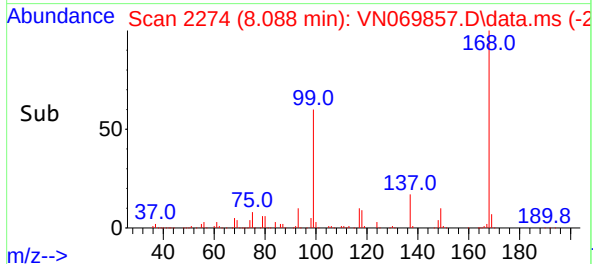
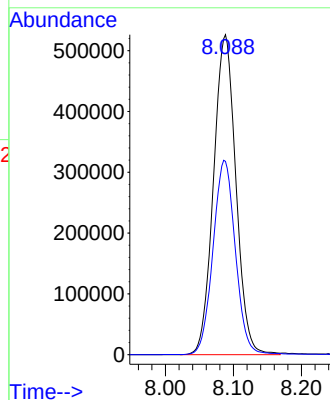
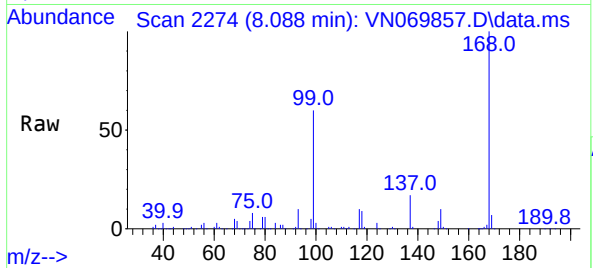




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069857.D
Acq: 8 Dec 2021 13:31

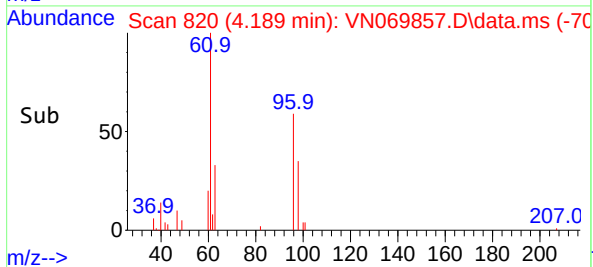
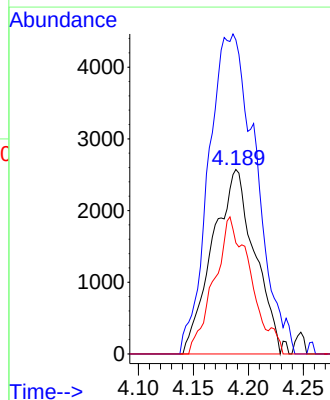
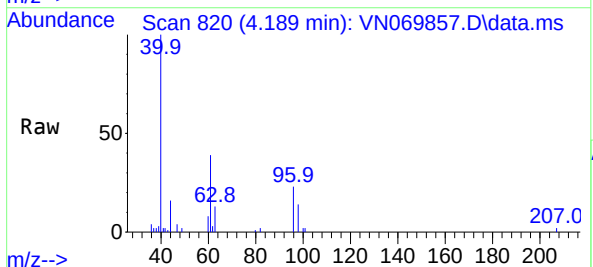
Instrument :
MSVOA_N
ClientSampleId :
MW17811-20211206DL

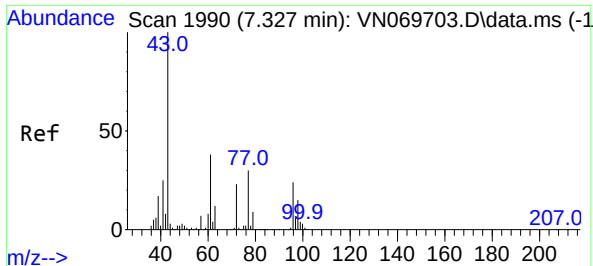
Tgt Ion:168 Resp: 1204860
Ion Ratio Lower Upper
168 100
99 60.3 41.3 61.9



#12
1,1-Dichloroethene
Concen: 0.60 ug/l
RT: 4.189 min Scan# 820
Delta R.T. 0.013 min
Lab File: VN069857.D
Acq: 8 Dec 2021 13:31

Tgt Ion: 96 Resp: 6847
Ion Ratio Lower Upper
96 100
61 170.2 131.0 196.6
98 60.2 52.4 78.6



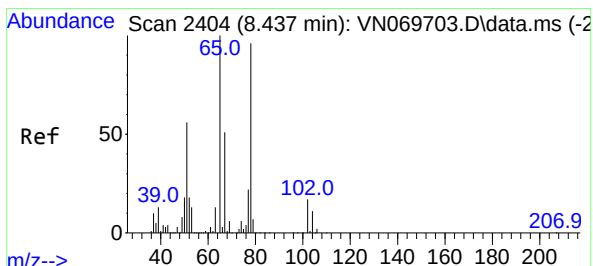
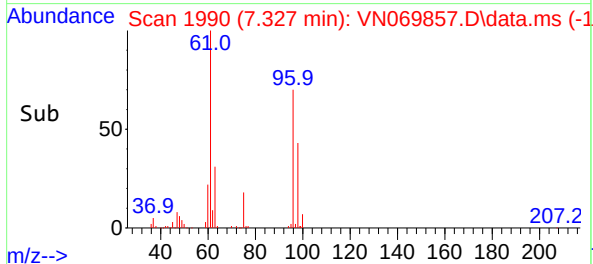
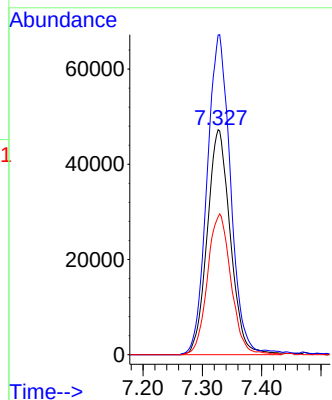
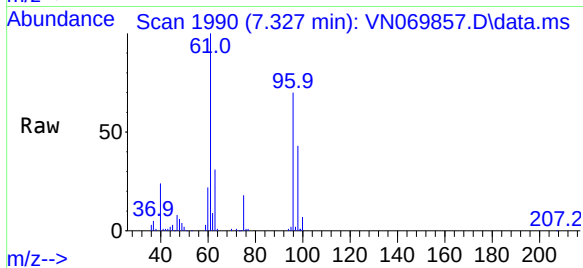


#27
 cis-1,2-Dichloroethene
 Concen: 8.48 ug/l
 RT: 7.327 min Scan# 1990
 Delta R.T. 0.000 min
 Lab File: VN069857.D
 Acq: 8 Dec 2021 13:31

Instrument :
 MSVOA_N
 ClientSampleId :
 MW17811-20211206DL

Tgt Ion: 96 Resp: 127654

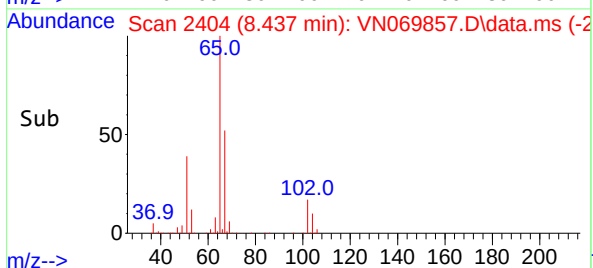
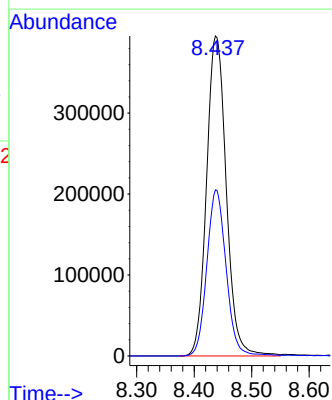
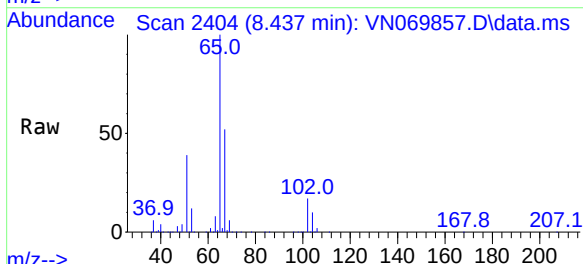
Ion	Ratio	Lower	Upper
96	100		
61	143.3	0.0	275.0
98	63.1	0.0	129.6

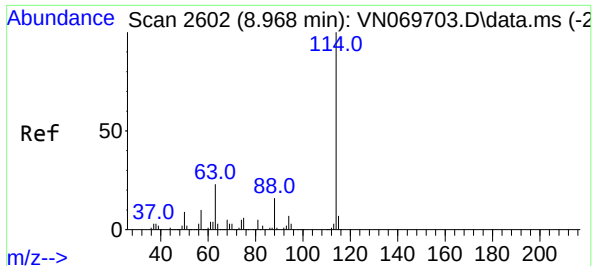


#33
 1,2-Dichloroethane-d4
 Concen: 50.62 ug/l
 RT: 8.437 min Scan# 2404
 Delta R.T. 0.000 min
 Lab File: VN069857.D
 Acq: 8 Dec 2021 13:31

Tgt Ion: 65 Resp: 941703

Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	103.0

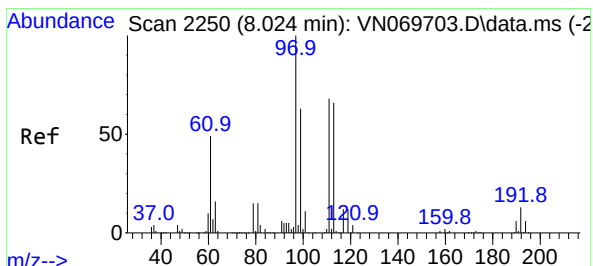
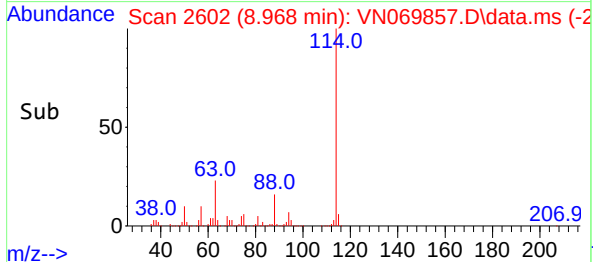
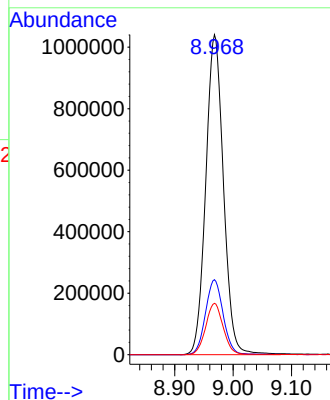
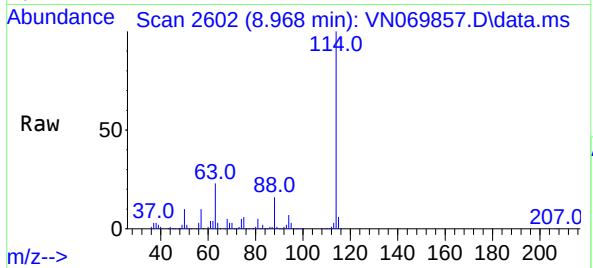




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.000 min
Lab File: VN069857.D
Acq: 8 Dec 2021 13:31

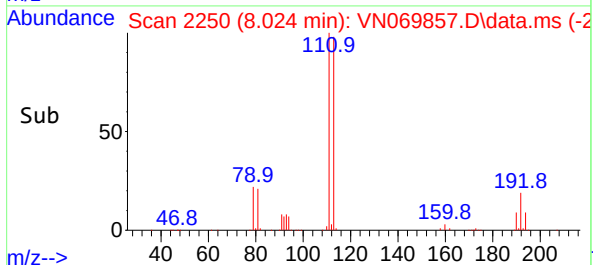
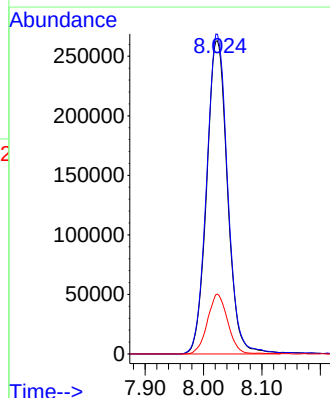
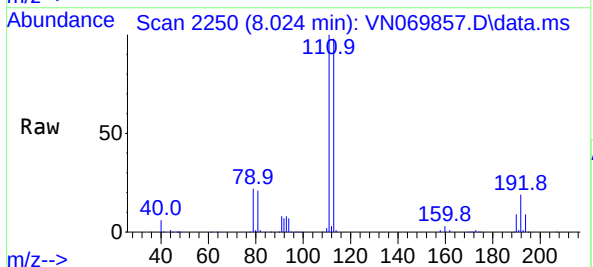
Instrument :
MSVOA_N
ClientSampleId :
MW17811-20211206DL

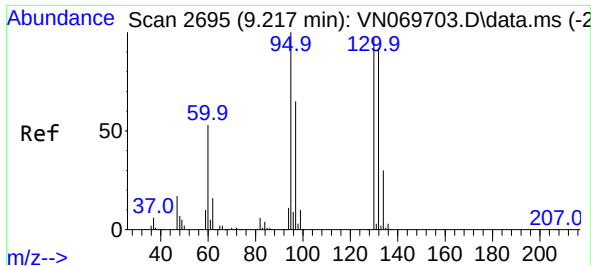
Tgt Ion:114 Resp: 2188539
Ion Ratio Lower Upper
114 100
63 23.4 0.0 37.8
88 16.1 0.0 27.4



#35
Dibromofluoromethane
Concen: 47.47 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VN069857.D
Acq: 8 Dec 2021 13:31

Tgt Ion:113 Resp: 650688
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.2
192 18.6 16.9 25.3

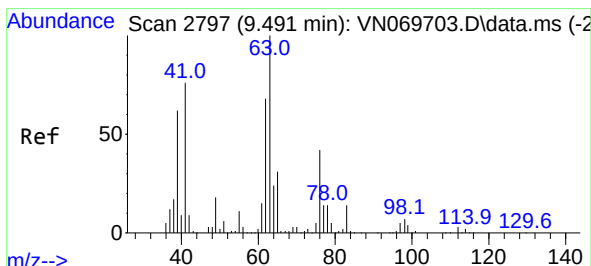
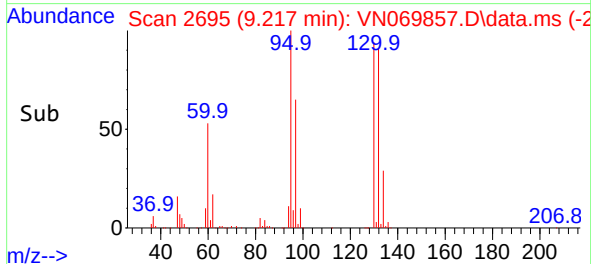
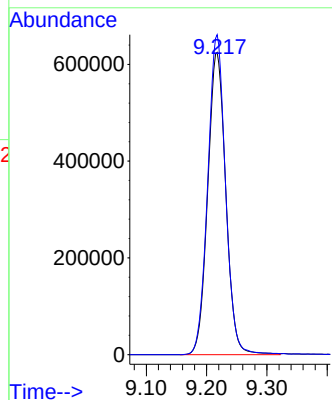
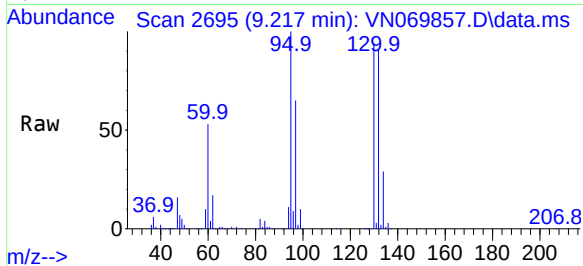




#44
Trichloroethene
Concen: 85.69 ug/l
RT: 9.217 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN069857.D
Acq: 8 Dec 2021 13:31

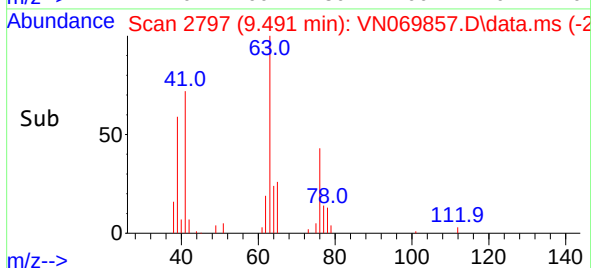
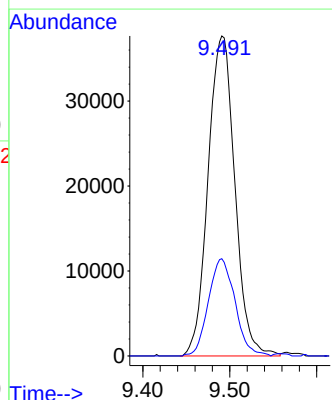
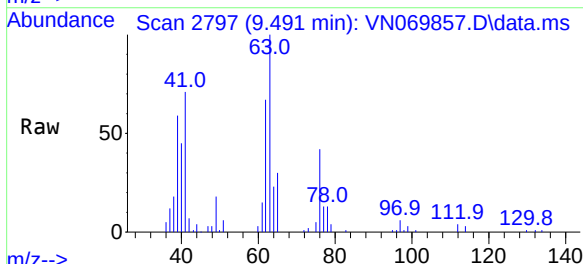
Instrument :
MSVOA_N
ClientSampleId :
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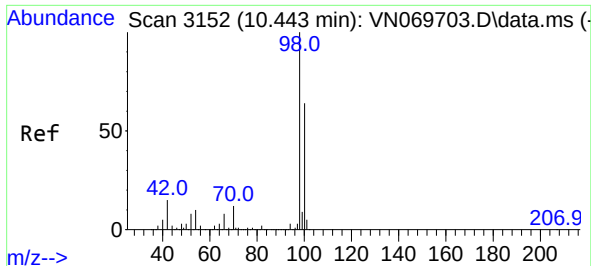
Tgt Ion:130 Resp: 1302523
Ion Ratio Lower Upper
130 100
95 105.9 0.0 191.2



#45
1,2-Dichloropropane
Concen: 4.71 ug/l
RT: 9.491 min Scan# 2797
Delta R.T. 0.000 min
Lab File: VN069857.D
Acq: 8 Dec 2021 13:31

Tgt Ion: 63 Resp: 80613
Ion Ratio Lower Upper
63 100
65 30.4 24.7 37.1

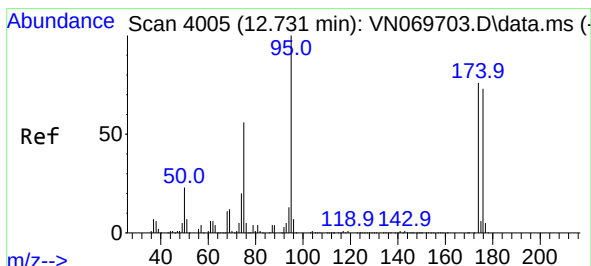
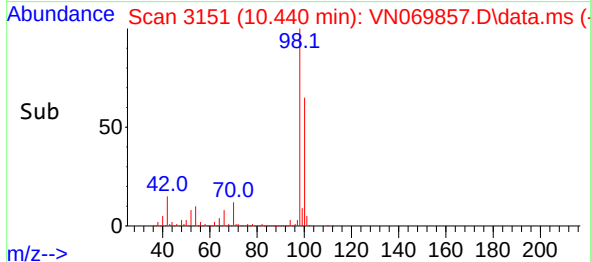
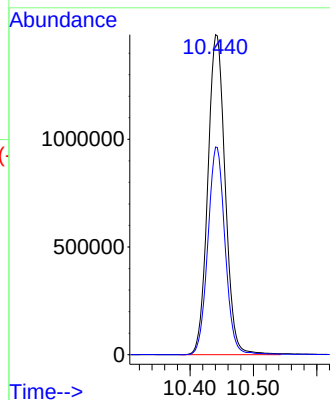
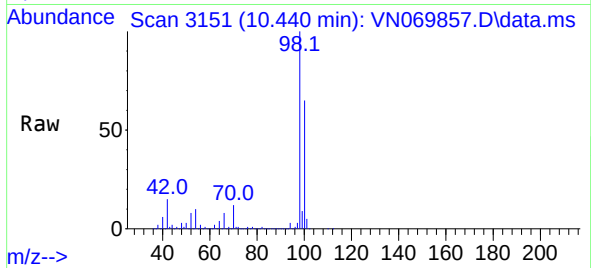




#50
Toluene-d8
Concen: 51.46 ug/l
RT: 10.440 min Scan# 3152
Delta R.T. -0.003 min
Lab File: VN069857.D
Acq: 8 Dec 2021 13:31

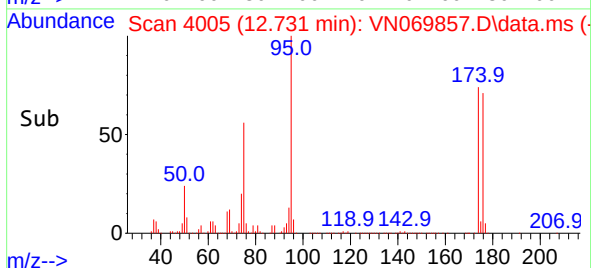
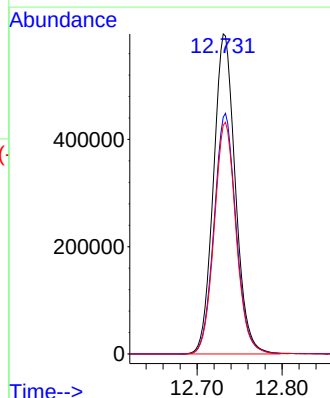
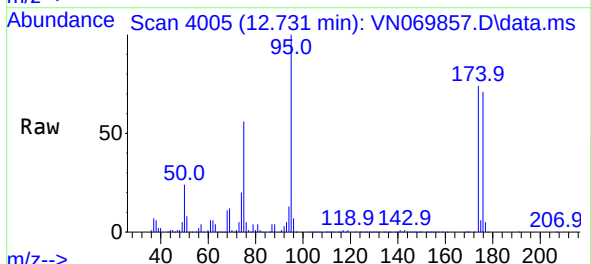
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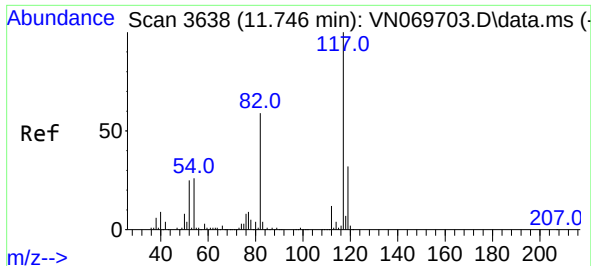
Tgt Ion: 98 Resp: 2832730
Ion Ratio Lower Upper
98 100
100 64.2 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 53.65 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069857.D
Acq: 8 Dec 2021 13:31

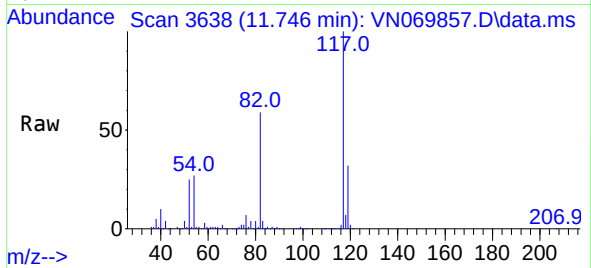
Tgt Ion: 95 Resp: 1069769
Ion Ratio Lower Upper
95 100
174 75.7 0.0 187.2
176 72.4 0.0 181.4





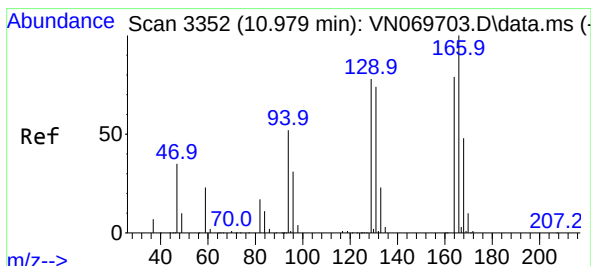
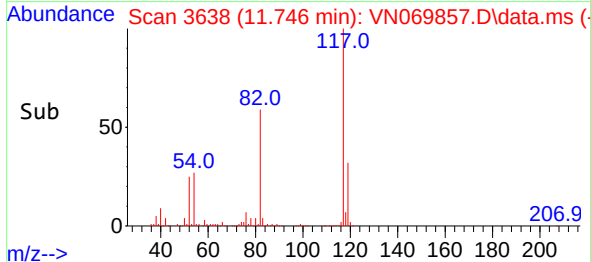
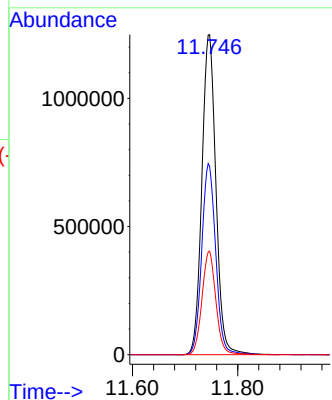
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN069857.D
Acq: 8 Dec 2021 13:31

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:117 Resp: 2310447

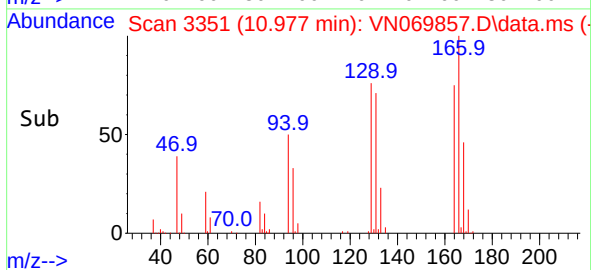
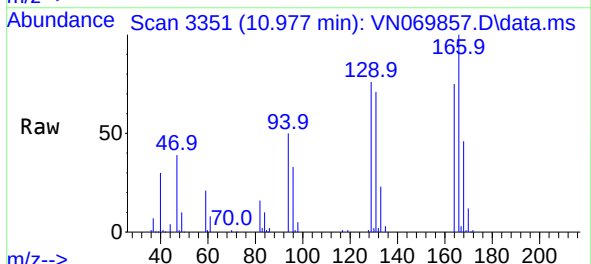
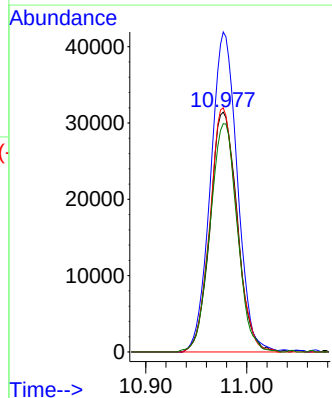
Ion	Ratio	Lower	Upper
117	100		
82	58.8	42.4	63.6
119	32.3	25.4	38.2

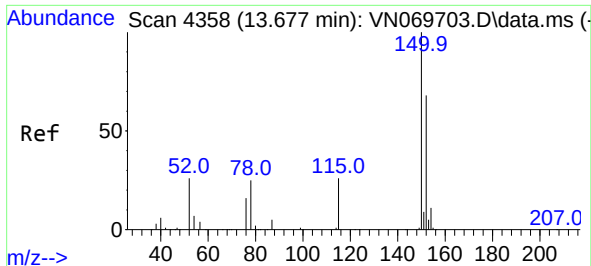


#64
Tetrachloroethene
Concen: 3.75 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.002 min
Lab File: VN069857.D
Acq: 8 Dec 2021 13:31

Tgt Ion:164 Resp: 58737

Ion	Ratio	Lower	Upper
164	100		
166	133.5	101.9	152.9
129	101.9	72.0	108.0
131	95.2	70.9	106.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.675 min Scan# 41

Delta R.T. -0.003 min

Lab File: VN069857.D

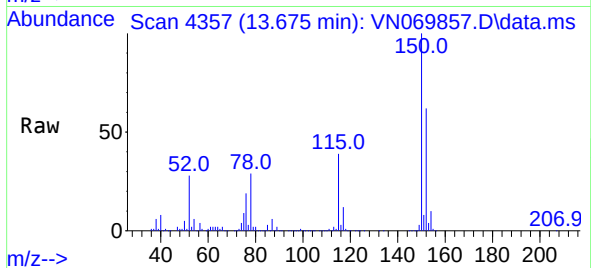
Acq: 8 Dec 2021 13:31

Instrument :

MSVOA_N

ClientSampleId :

MW178I1-20211206DL



Tgt Ion:152 Resp: 856048

Ion Ratio Lower Upper

152 100

115 61.2 27.5 82.5

150 159.3 0.0 344.4

