

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102921\
 Data File : VN069297.D
 Acq On : 29 Oct 2021 13:30
 Operator : JC/MD
 Sample : M4338-08
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2A

Quant Time: Oct 30 05:40:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102821W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 28 16:09:15 2021
 Response via : Initial Calibration

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

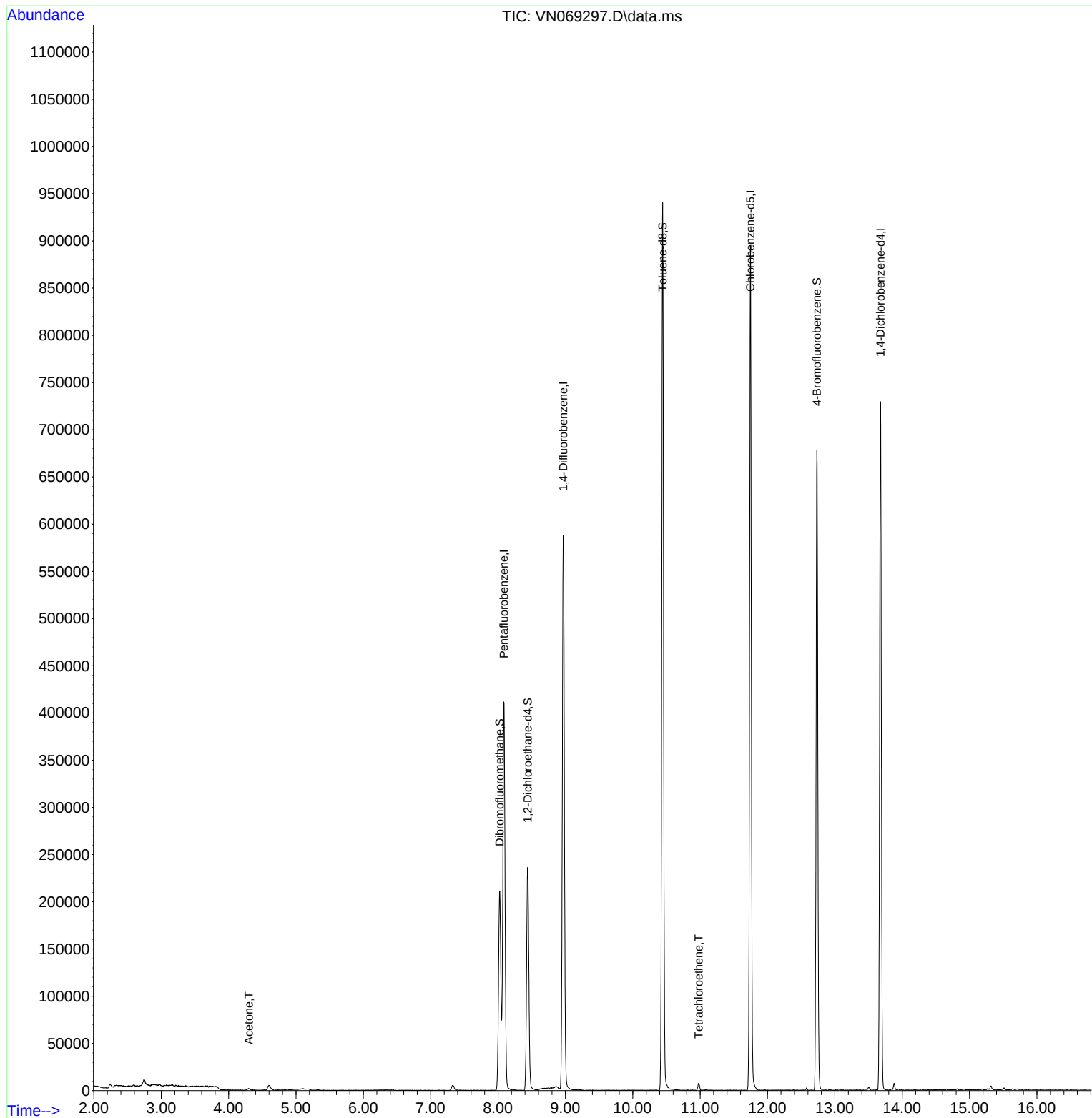
Internal Standards						
1) Pentafluorobenzene	8.088	168	302883	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	534518	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	525311	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	196305	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	205524	47.007	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.020%
35) Dibromofluoromethane	8.024	113	155353	46.624	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.240%
50) Toluene-d8	10.443	98	670535	50.332	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.660%
62) 4-Bromofluorobenzene	12.733	95	244583	48.652	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.300%
Target Compounds						
16) Acetone	4.299	43	3151	1.692	ug/l	95
64) Tetrachloroethene	10.980	164	1790	0.533	ug/l #	88

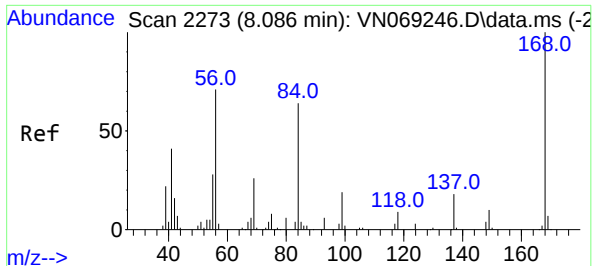
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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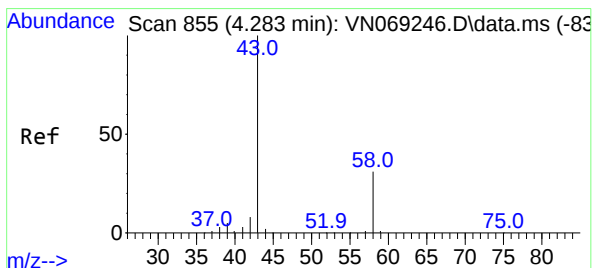
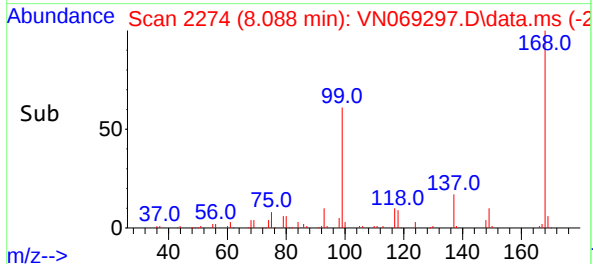
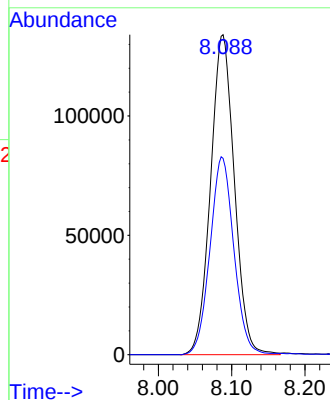
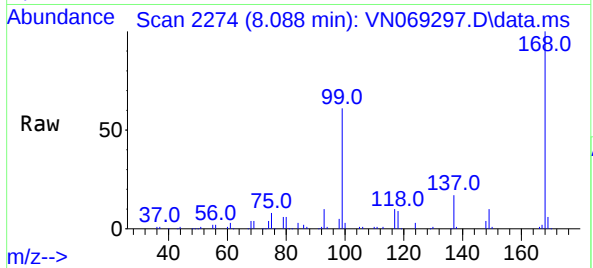




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069297.D
Acq: 29 Oct 2021 13:30

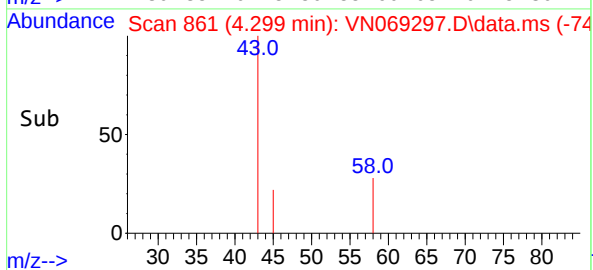
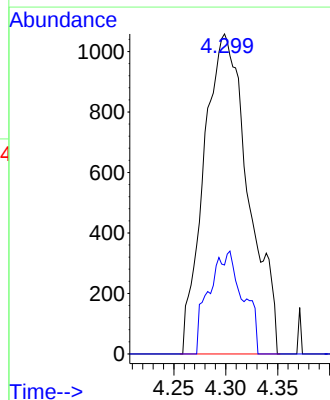
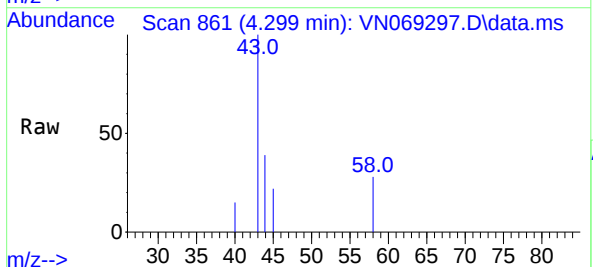
Instrument :
MSVOA_N
ClientSampleId :
MW-2A

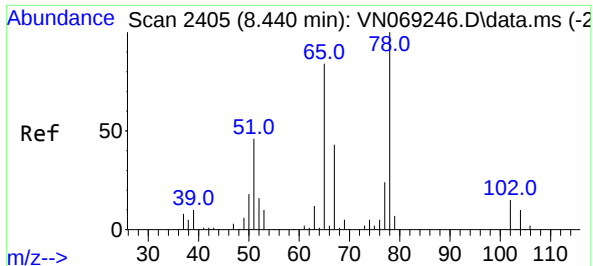
Tgt Ion:168 Resp: 302883
Ion Ratio Lower Upper
168 100
99 61.4 48.9 73.3



#16
Acetone
Concen: 1.692 ug/l
RT: 4.299 min Scan# 861
Delta R.T. 0.016 min
Lab File: VN069297.D
Acq: 29 Oct 2021 13:30

Tgt Ion: 43 Resp: 3151
Ion Ratio Lower Upper
43 100
58 27.8 24.5 36.7





#33

1,2-Dichloroethane-d4

Concen: 47.007 ug/l

RT: 8.440 min Scan# 2405

Delta R.T. -0.000 min

Lab File: VN069297.D

Acq: 29 Oct 2021 13:30

Instrument :

MSVOA_N

ClientSampleId :

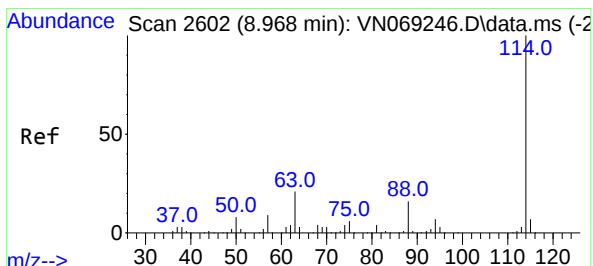
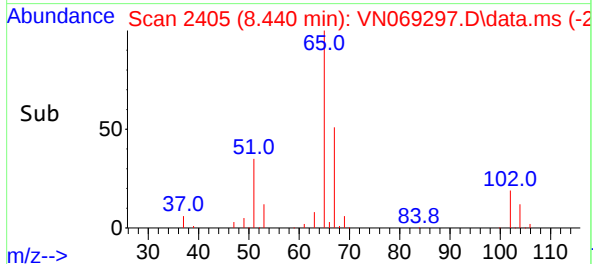
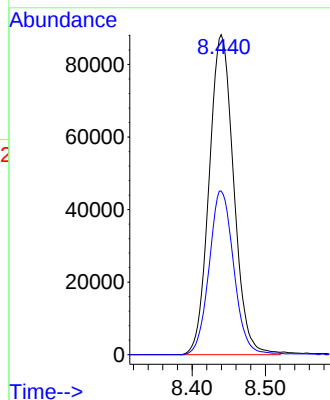
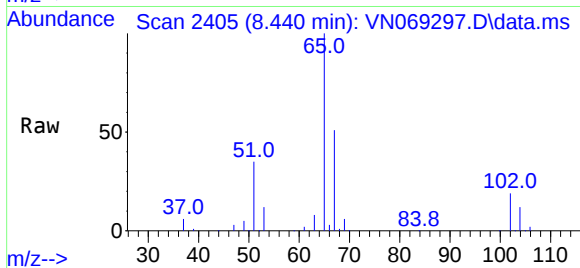
MW-2A

Tgt Ion: 65 Resp: 205524

Ion Ratio Lower Upper

65 100

67 51.2 0.0 103.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. 0.000 min

Lab File: VN069297.D

Acq: 29 Oct 2021 13:30

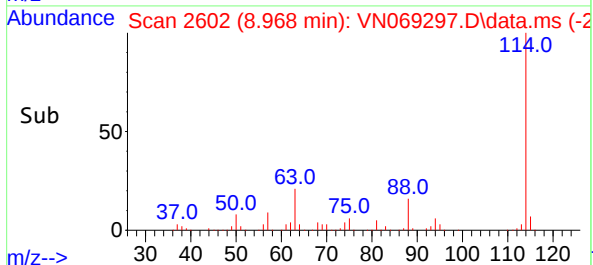
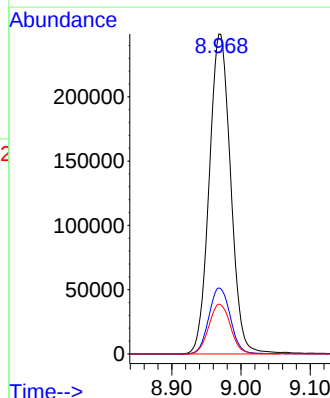
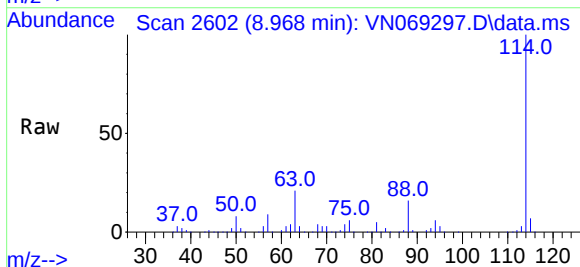
Tgt Ion: 114 Resp: 534518

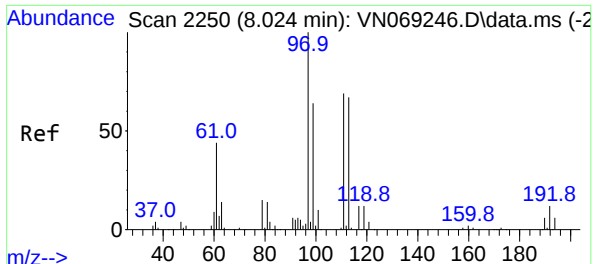
Ion Ratio Lower Upper

114 100

63 20.7 0.0 42.6

88 15.6 0.0 32.0

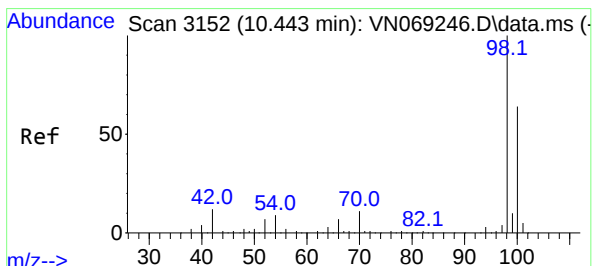
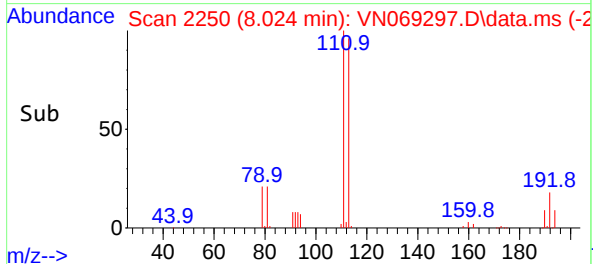
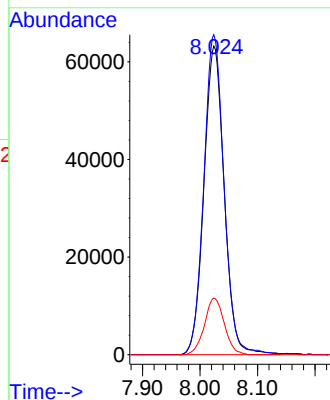
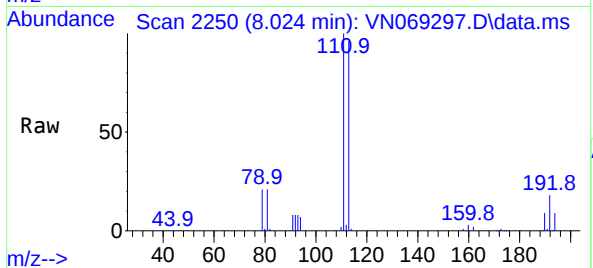




#35
Dibromofluoromethane
Concen: 46.624 ug/l
RT: 8.024 min Scan# 2113
Delta R.T. -0.000 min
Lab File: VN069297.D
Acq: 29 Oct 2021 13:30

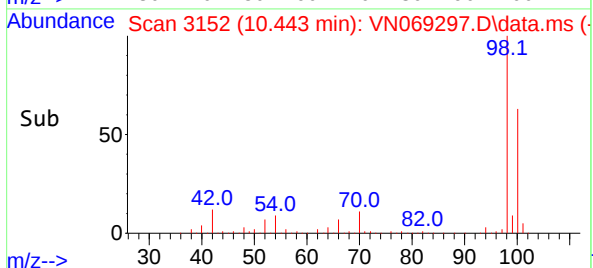
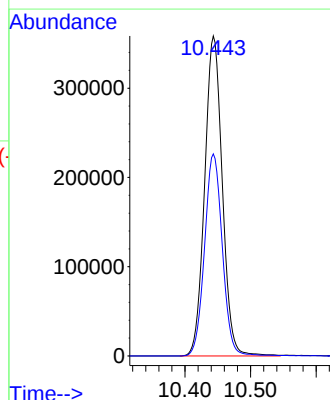
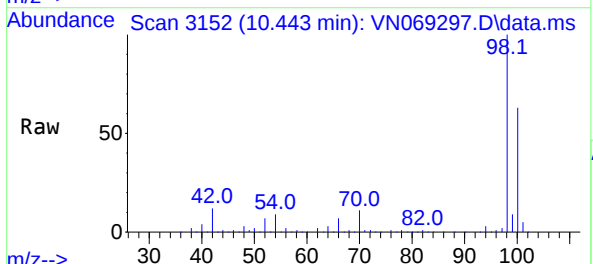
Instrument :
MSVOA_N
ClientSampleId :
MW-2A

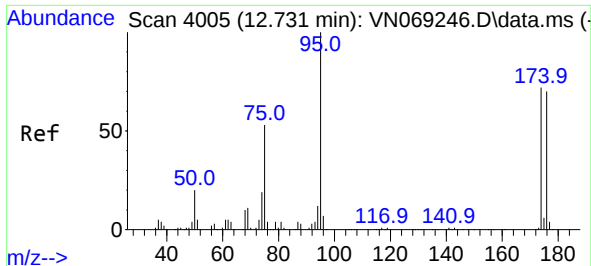
Tgt Ion:113 Resp: 155353
Ion Ratio Lower Upper
113 100
111 103.3 83.2 124.8
192 17.9 15.0 22.4



#50
Toluene-d8
Concen: 50.332 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069297.D
Acq: 29 Oct 2021 13:30

Tgt Ion: 98 Resp: 670535
Ion Ratio Lower Upper
98 100
100 63.3 51.5 77.3

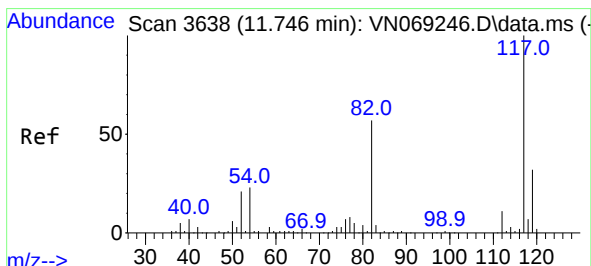
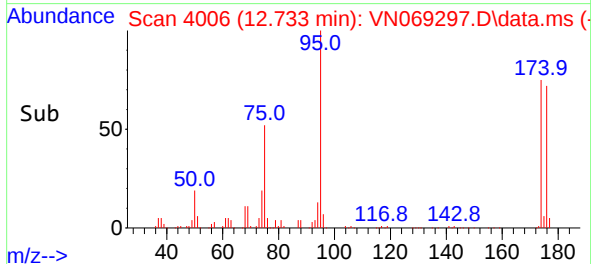
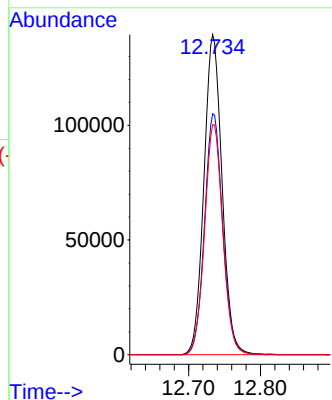
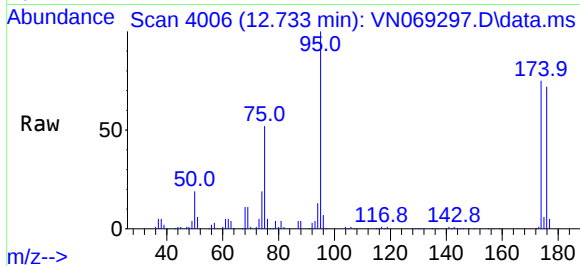




#62
4-Bromofluorobenzene
Concen: 48.652 ug/l
RT: 12.733 min Scan# 4005
Delta R.T. 0.002 min
Lab File: VN069297.D
Acq: 29 Oct 2021 13:30

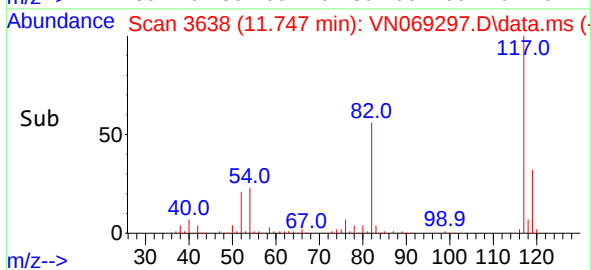
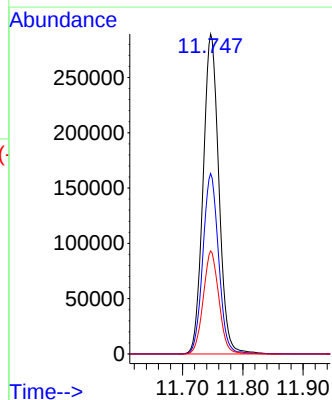
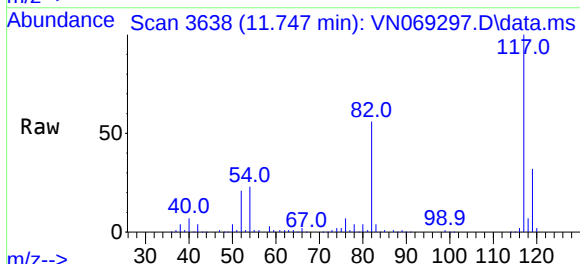
Instrument :
MSVOA_N
ClientSampleId :
MW-2A

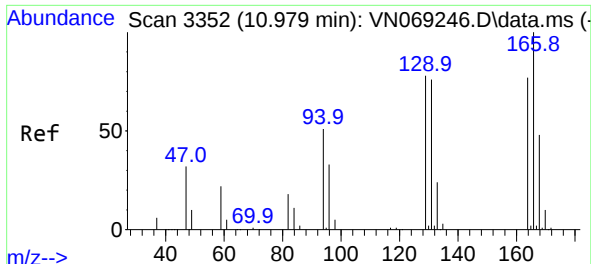
Tgt Ion: 95 Resp: 244583
Ion Ratio Lower Upper
95 100
174 75.8 0.0 144.8
176 72.2 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN069297.D
Acq: 29 Oct 2021 13:30

Tgt Ion: 117 Resp: 525311
Ion Ratio Lower Upper
117 100
82 56.4 46.4 69.6
119 32.2 26.0 39.0

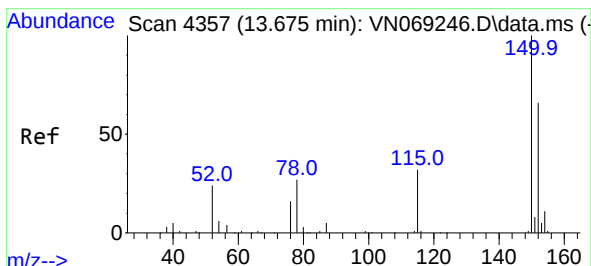
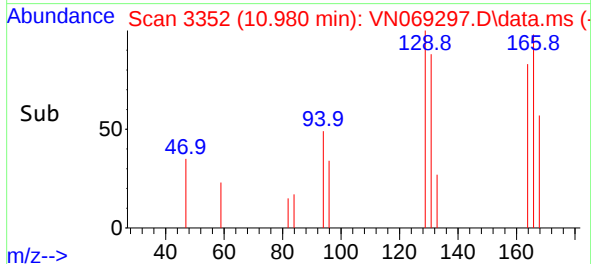
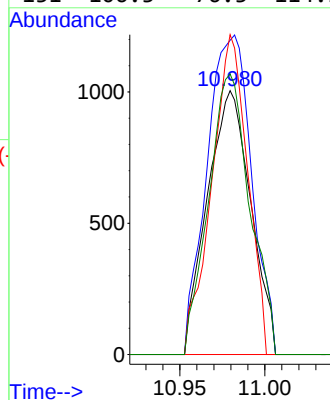
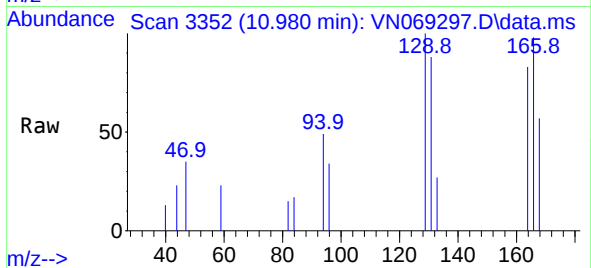




#64
Tetrachloroethene
Concen: 0.533 ug/l
RT: 10.980 min Scan# 31
Delta R.T. 0.001 min
Lab File: VN069297.D
Acq: 29 Oct 2021 13:30

Instrument :
MSVOA_N
ClientSampleId :
MW-2A

Tgt Ion:164 Resp: 1790
Ion Ratio Lower Upper
164 100
166 119.1 99.8 149.8
129 121.2 79.2 118.8#
131 106.3 76.3 114.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN069297.D
Acq: 29 Oct 2021 13:30

Tgt Ion:152 Resp: 196305
Ion Ratio Lower Upper
152 100
115 63.3 31.4 94.3
150 158.5 0.0 351.0

