

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092921\
 Data File : VN068752.D
 Acq On : 29 Sep 2021 20:46
 Operator : JC/MD
 Sample : M3915-08
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RW3-MW1-20210921

Quant Time: Sep 29 23:44:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092921W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 29 23:31:35 2021
 Response via : Initial Calibration

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

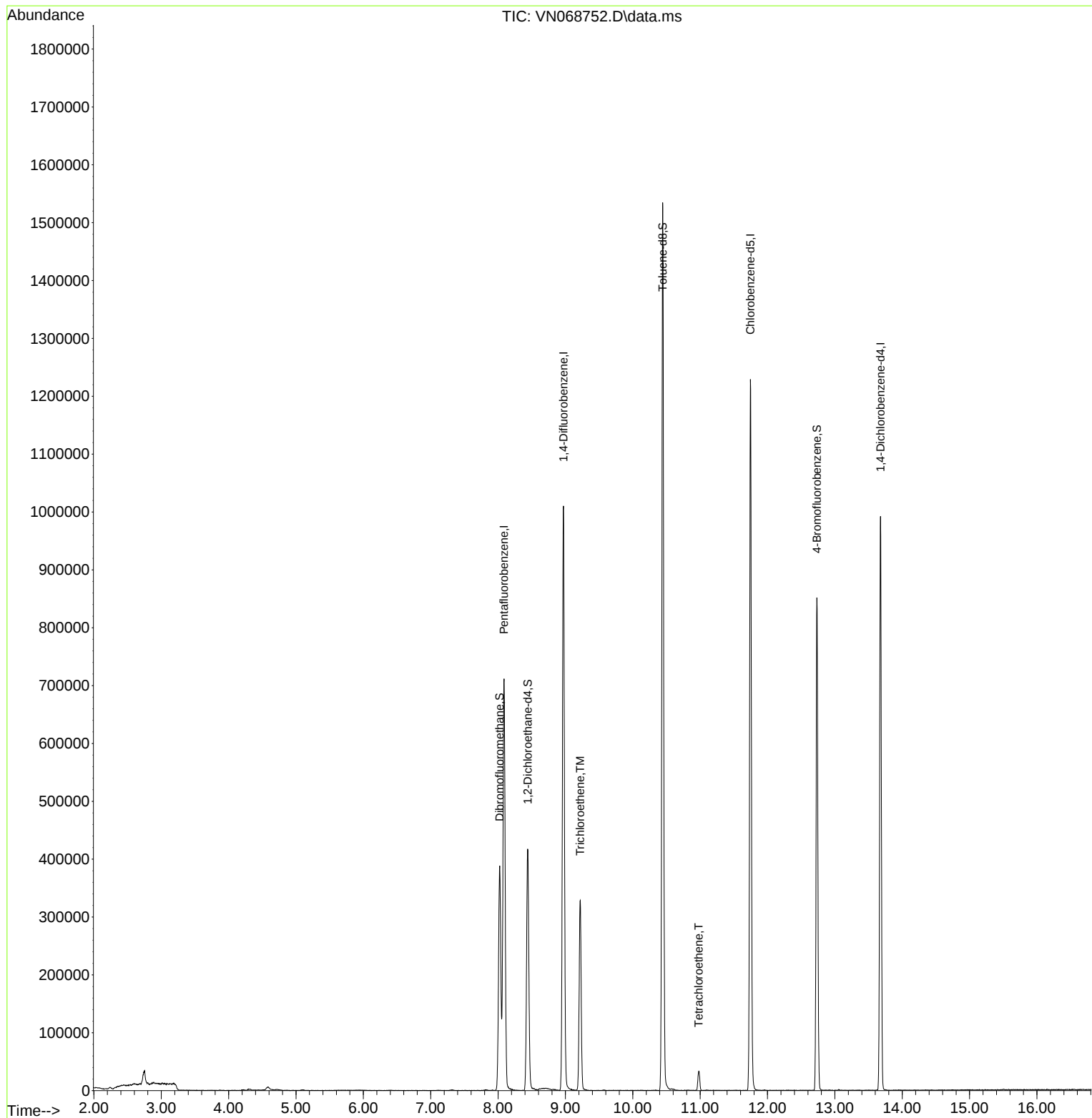
Internal Standards						
1) Pentafluorobenzene	8.088	168	517104	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	876872	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	692369	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	251979	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	347858	48.281	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.560%
35) Dibromofluoromethane	8.024	113	270198	49.594	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.180%
50) Toluene-d8	10.443	98	1050727	52.777	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	105.560%
62) 4-Bromofluorobenzene	12.733	95	273667	39.560	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	79.120%
Target Compounds						
					Qvalue	
44) Trichloroethene	9.220	130	113565	16.943	ug/l	85
64) Tetrachloroethene	10.977	164	7461	1.444	ug/l	87

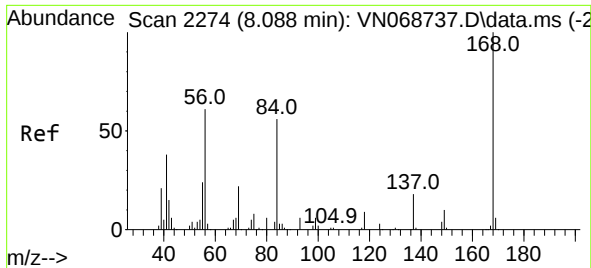
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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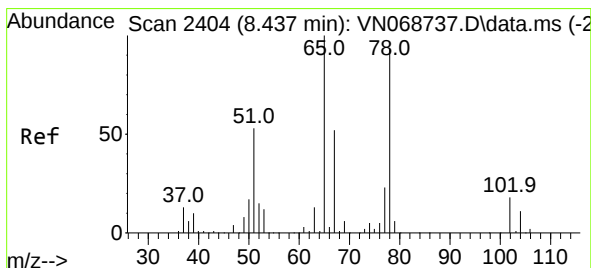
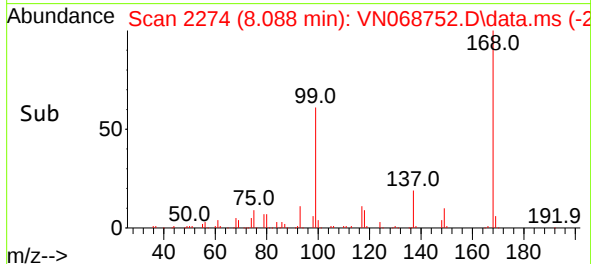
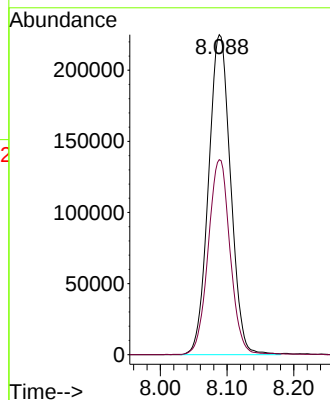
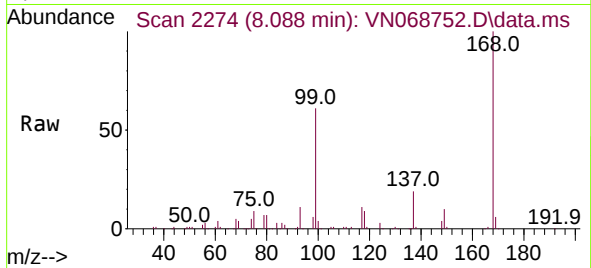




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN068752.D
Acq: 29 Sep 2021 20:46

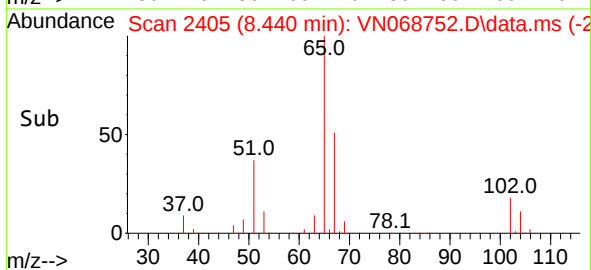
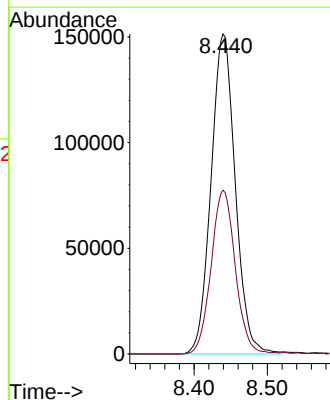
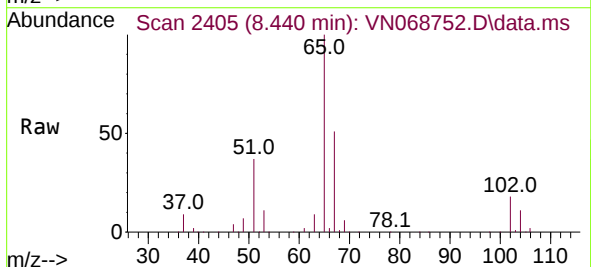
Instrument :
MSVOA_N
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RW3-MW1-20210921

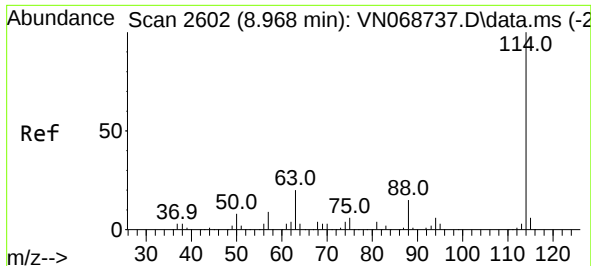
Tgt Ion:168 Resp: 517104
Ion Ratio Lower Upper
168 100
99 60.8 62.9 94.3#



#33
1,2-Dichloroethane-d4
Concen: 48.281 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN068752.D
Acq: 29 Sep 2021 20:46

Tgt Ion: 65 Resp: 347858
Ion Ratio Lower Upper
65 100
67 50.9 0.0 98.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.971 min Scan# 2603

Delta R.T. 0.003 min

Lab File: VN068752.D

Acq: 29 Sep 2021 20:46

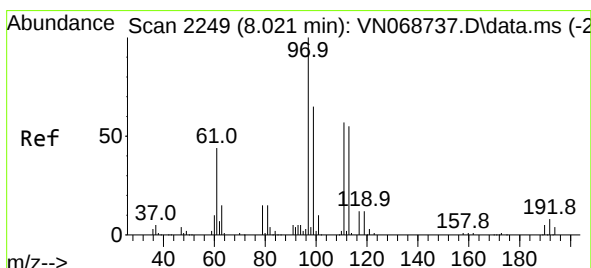
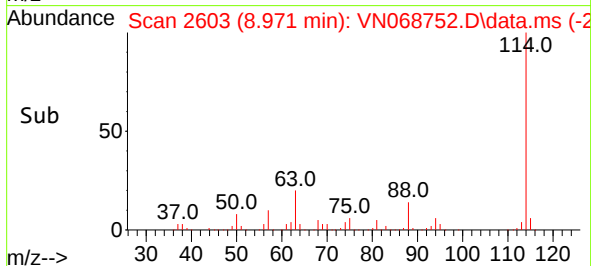
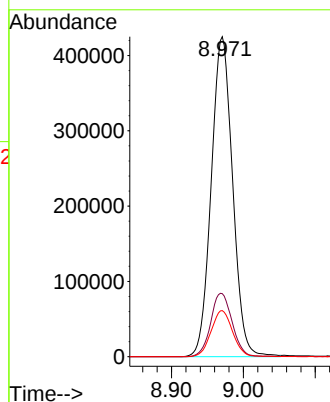
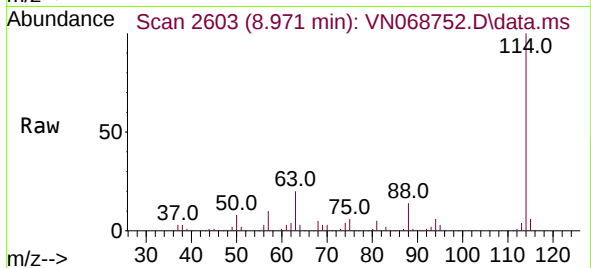
Tgt Ion:114 Resp: 876872

Ion Ratio Lower Upper

114 100

63 19.7 0.0 49.0

88 14.4 0.0 36.6



#35

Dibromofluoromethane

Concen: 49.594 ug/l

RT: 8.024 min Scan# 2250

Delta R.T. 0.003 min

Lab File: VN068752.D

Acq: 29 Sep 2021 20:46

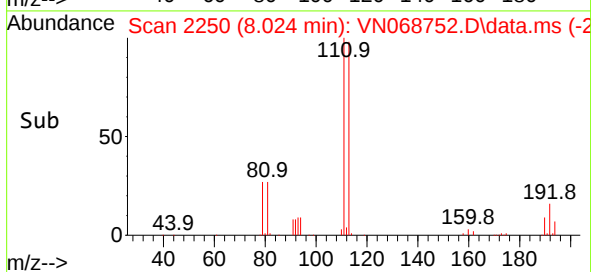
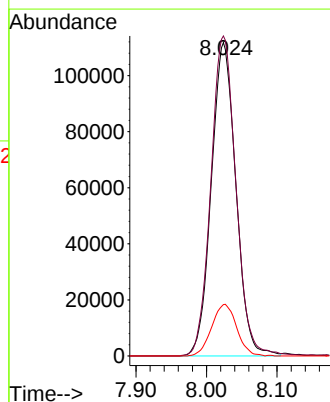
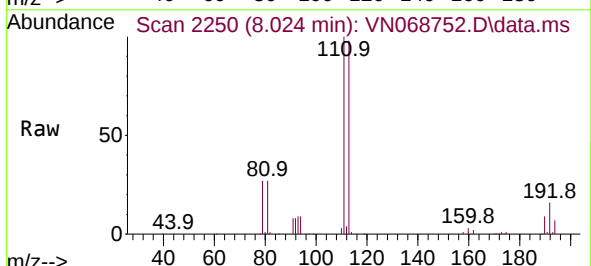
Tgt Ion:113 Resp: 270198

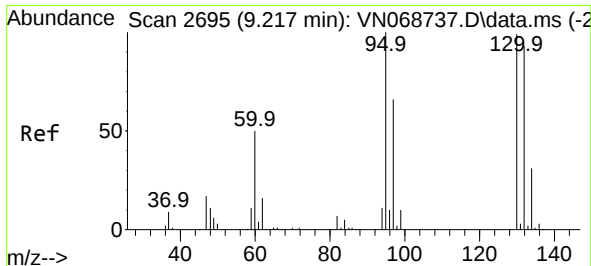
Ion Ratio Lower Upper

113 100

111 104.3 83.8 125.8

192 16.8 13.4 20.0

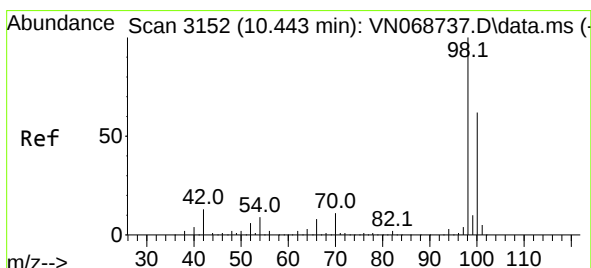
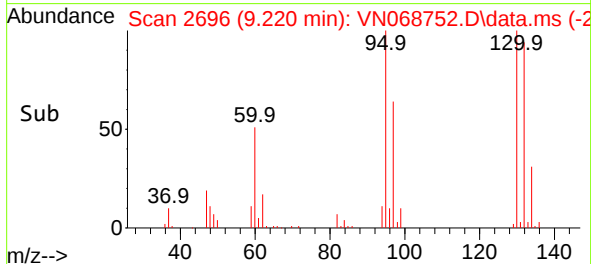
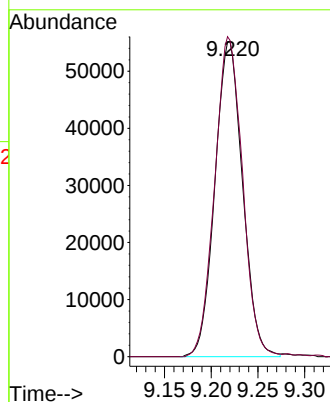
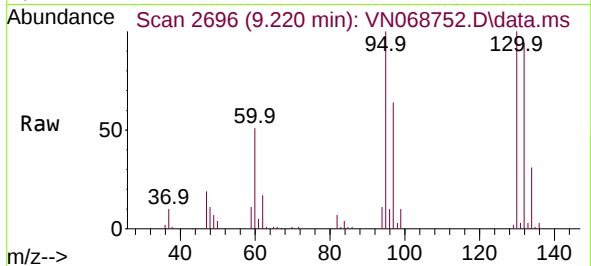




#44
Trichloroethene
Concen: 16.943 ug/l
RT: 9.220 min Scan# 2696
Delta R.T. 0.003 min
Lab File: VN068752.D
Acq: 29 Sep 2021 20:46

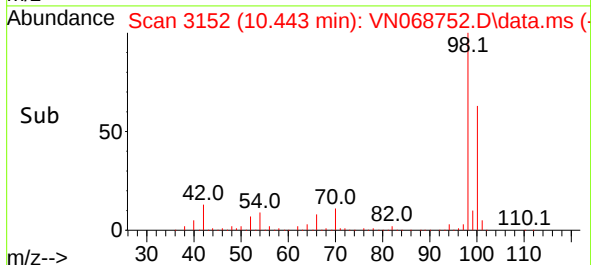
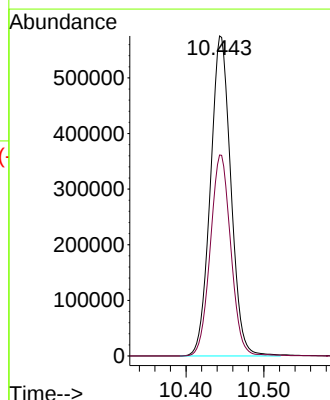
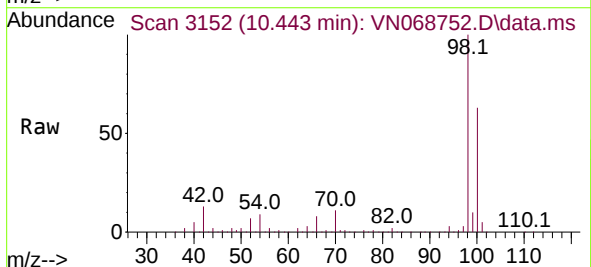
Instrument :
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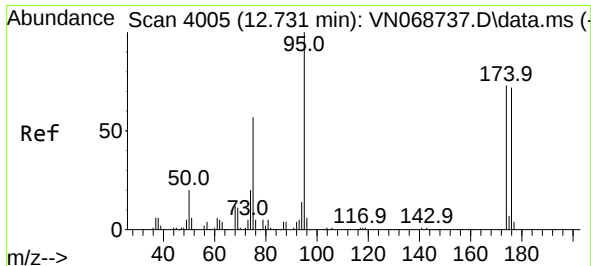
Tgt Ion:130 Resp: 113565
Ion Ratio Lower Upper
130 100
95 100.3 0.0 234.4



#50
Toluene-d8
Concen: 52.777 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068752.D
Acq: 29 Sep 2021 20:46

Tgt Ion: 98 Resp: 1050727
Ion Ratio Lower Upper
98 100
100 62.9 51.7 77.5

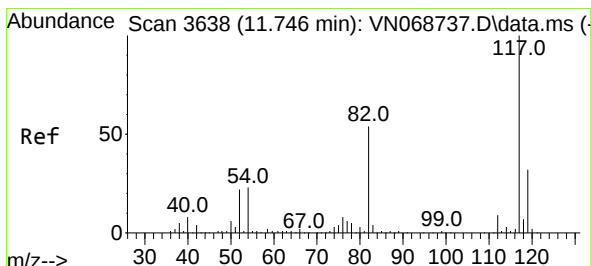
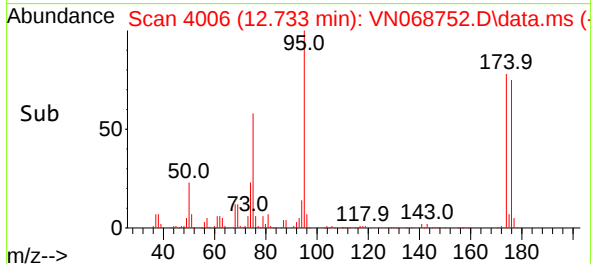
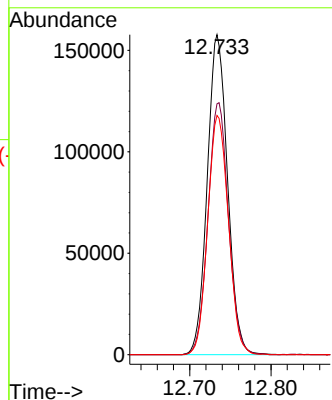
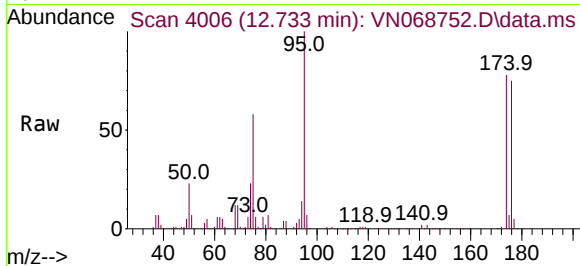




#62
4-Bromofluorobenzene
Concen: 39.560 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.002 min
Lab File: VN068752.D
Acq: 29 Sep 2021 20:46

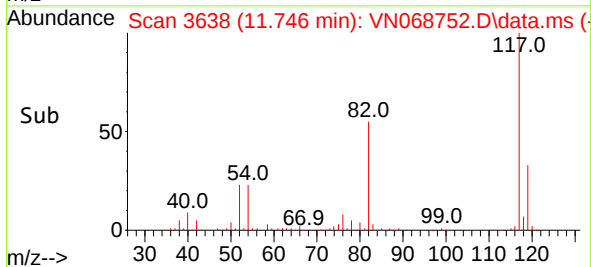
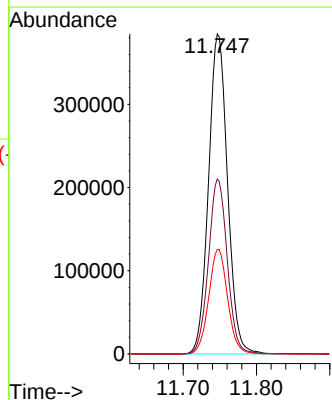
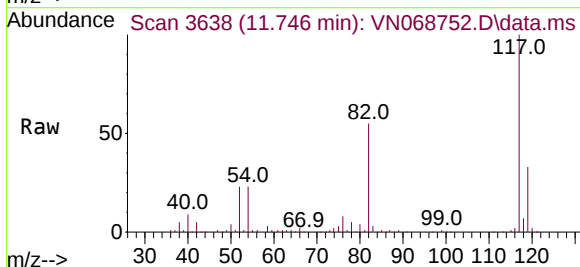
Instrument :
MSVOA_N
ClientSampleId :
RW3-MW1-20210921

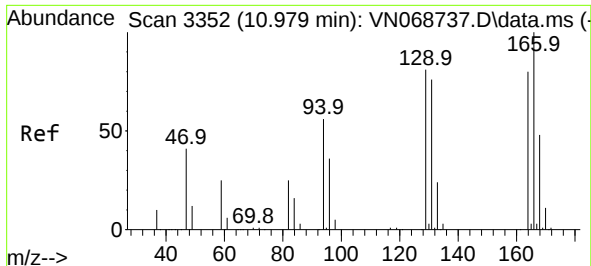
Tgt Ion: 95 Resp: 273667
Ion Ratio Lower Upper
95 100
174 79.6 0.0 122.0
176 76.2 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN068752.D
Acq: 29 Sep 2021 20:46

Tgt Ion: 117 Resp: 692369
Ion Ratio Lower Upper
117 100
82 54.7 53.1 79.7
119 32.7 25.5 38.3



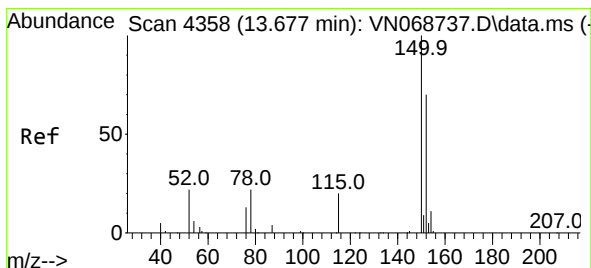
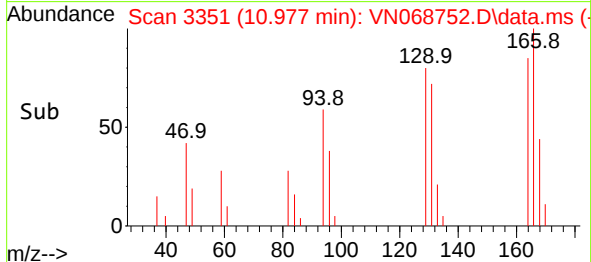
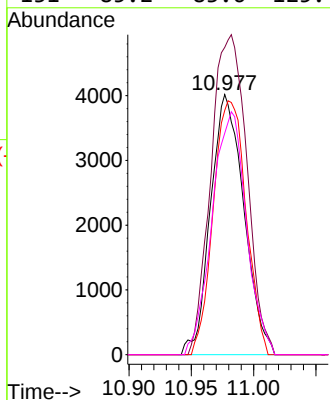
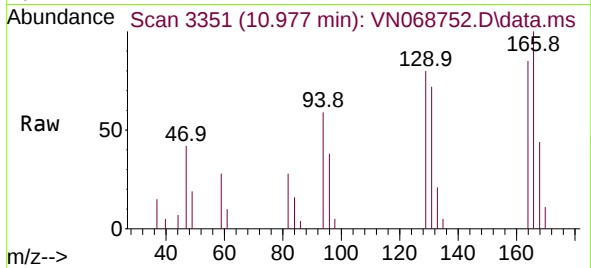


#64
Tetrachloroethene
Concen: 1.444 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.002 min
Lab File: VN068752.D
Acq: 29 Sep 2021 20:46

Instrument :
MSVOA_N
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Tgt Ion:164 Resp: 7461

Ion	Ratio	Lower	Upper
164	100		
166	118.2	102.1	153.1
129	94.0	86.9	130.3
131	85.2	83.6	125.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.001 min
Lab File: VN068752.D
Acq: 29 Sep 2021 20:46

Tgt Ion:152 Resp: 251979

Ion	Ratio	Lower	Upper
152	100		
115	61.1	36.1	108.5
150	157.0	0.0	351.8

