

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081721\
 Data File : VN068175.D
 Acq On : 18 Aug 2021 5:33
 Operator : JC/MD
 Sample : M3410-05
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1

Quant Time: Aug 18 08:42:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 13:09:49 2021
 Response via : Initial Calibration

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

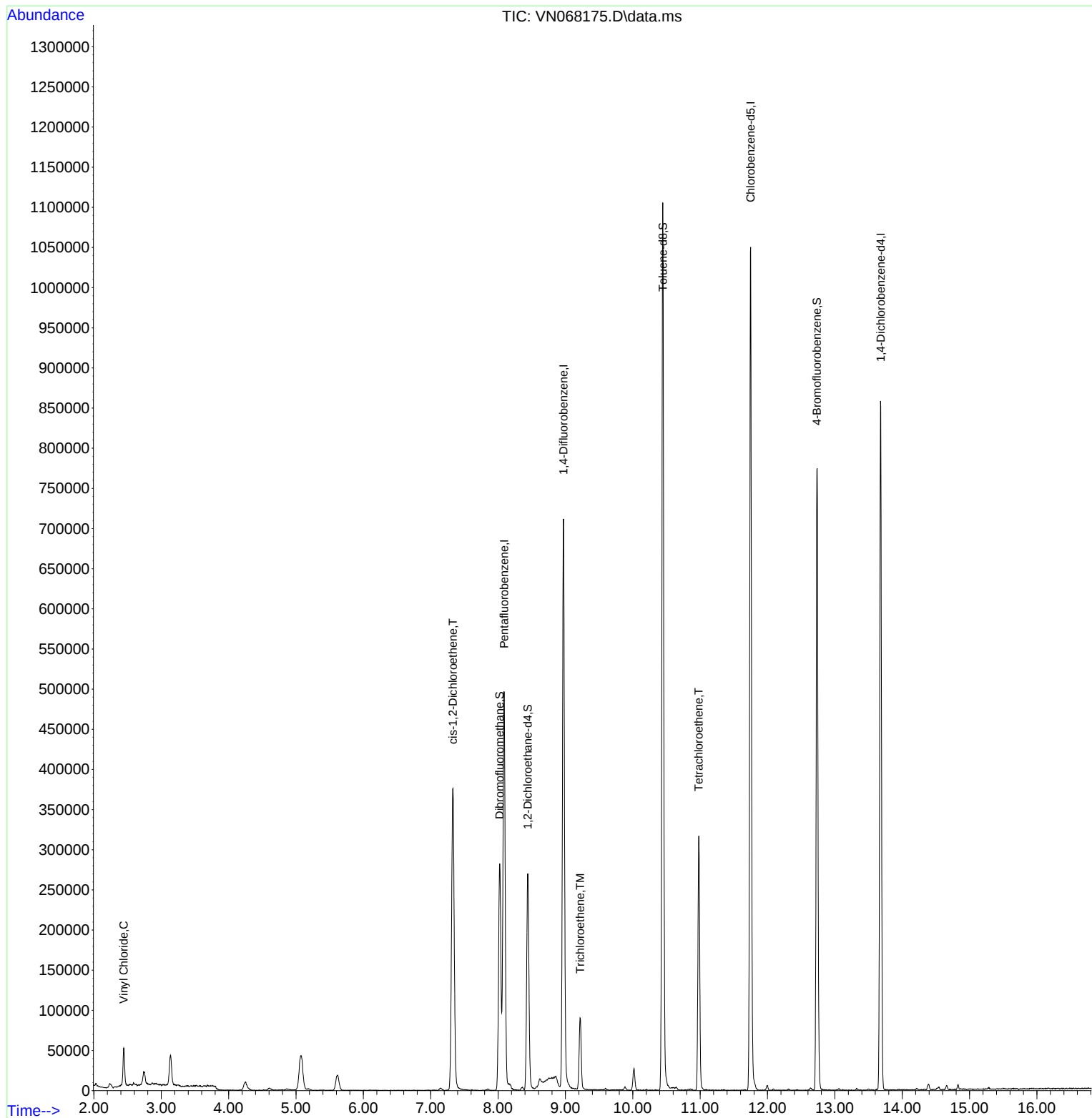
Internal Standards						
1) Pentafluorobenzene	8.091	168	415664	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	681878	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	673034	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.680	152	258046	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	229571	51.727	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 103.460%		
35) Dibromofluoromethane	8.024	113	211383	49.377	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 98.760%		
50) Toluene-d8	10.446	98	823403	50.478	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 100.960%		
62) 4-Bromofluorobenzene	12.733	95	264852	48.774	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 97.540%		
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.443	62	38116	6.537	ug/l	100
27) cis-1,2-Dichloroethene	7.329	96	253532	56.126	ug/l	68
44) Trichloroethene	9.217	130	36000	7.037	ug/l	80
64) Tetrachloroethene	10.979	164	76792	14.756	ug/l	90

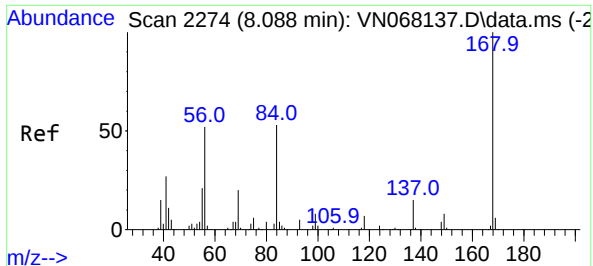
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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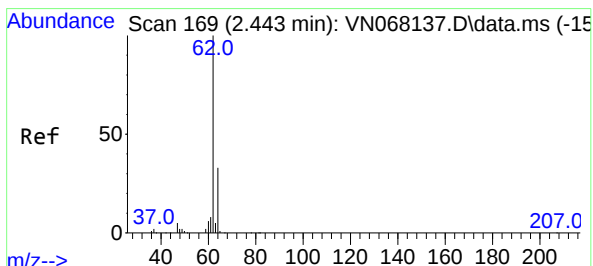
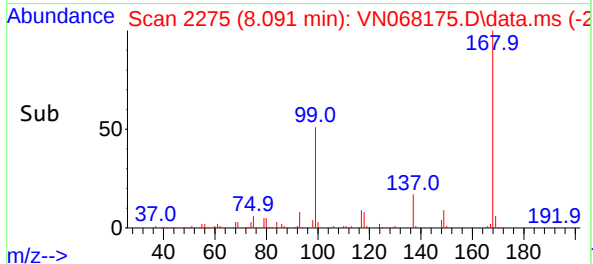
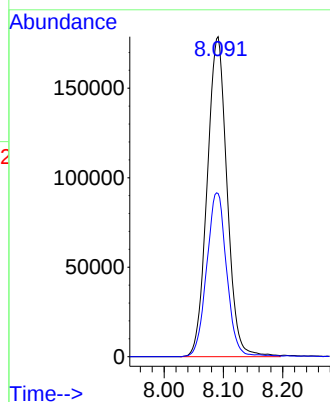
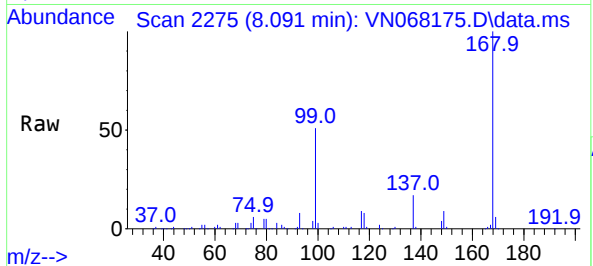




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. 0.003 min
Lab File: VN068175.D
Acq: 18 Aug 2021 5:33

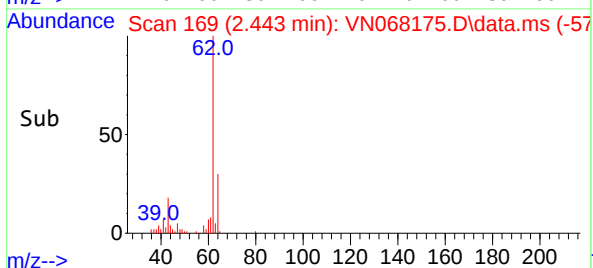
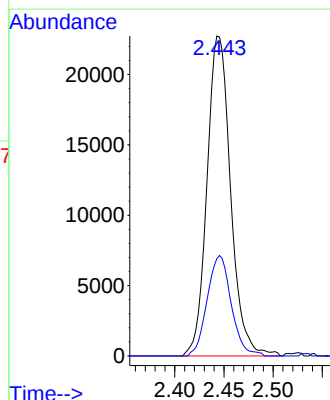
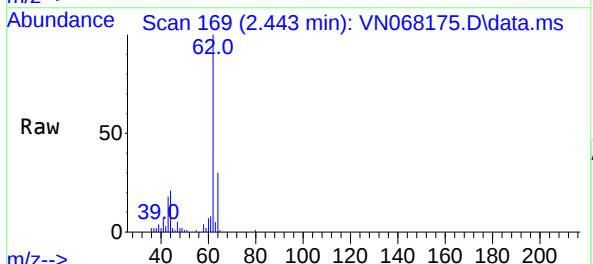
Instrument :
MSVOA_N
ClientSampled :
MW-1

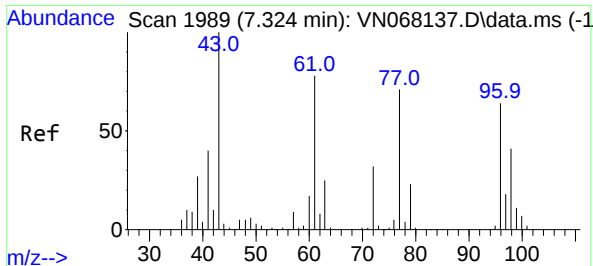
Tgt Ion:168 Resp: 415664
Ion Ratio Lower Upper
168 100
99 51.0 62.9 94.3#



#4
Vinyl Chloride
Concen: 6.537 ug/l
RT: 2.443 min Scan# 169
Delta R.T. -0.000 min
Lab File: VN068175.D
Acq: 18 Aug 2021 5:33

Tgt Ion: 62 Resp: 38116
Ion Ratio Lower Upper
62 100
64 30.4 24.4 36.6



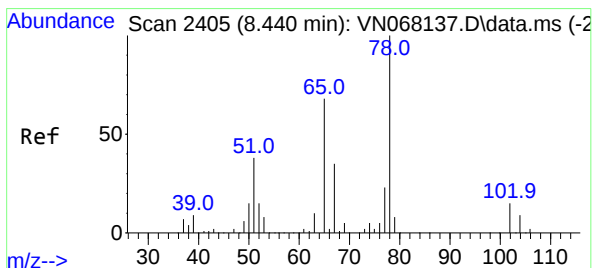
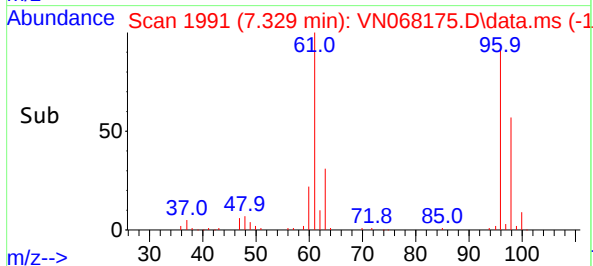
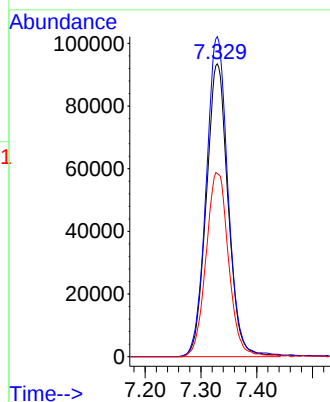
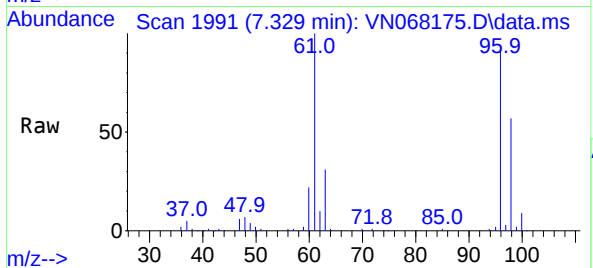


#27
 cis-1,2-Dichloroethene
 Concen: 56.126 ug/l
 RT: 7.329 min Scan# 1991
 Delta R.T. 0.005 min
 Lab File: VN068175.D
 Acq: 18 Aug 2021 5:33

Instrument :
 MSVOA_N
 ClientSampled :
 MW-1

Tgt Ion: 96 Resp: 253532

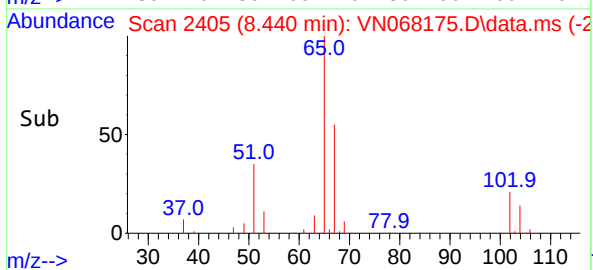
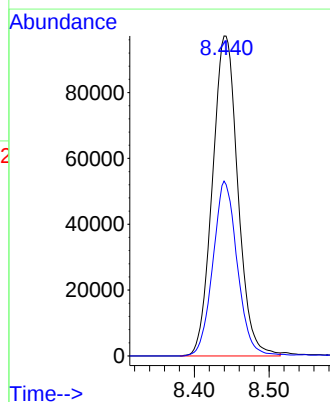
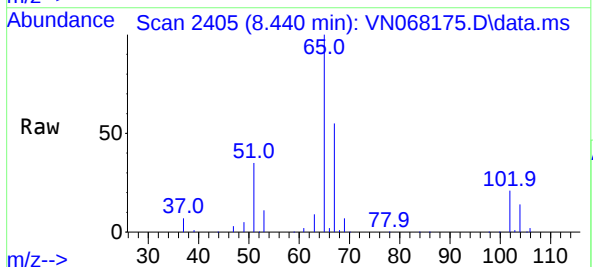
Ion	Ratio	Lower	Upper
96	100		
61	109.6	0.0	338.8
98	64.5	0.0	129.8

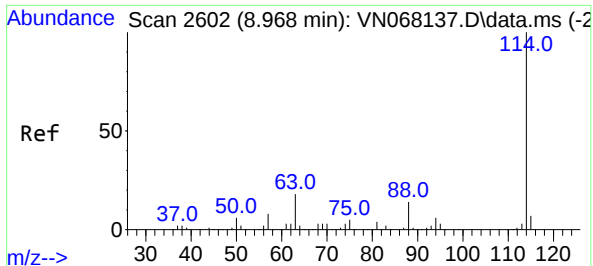


#33
 1,2-Dichloroethane-d4
 Concen: 51.727 ug/l
 RT: 8.440 min Scan# 2405
 Delta R.T. -0.000 min
 Lab File: VN068175.D
 Acq: 18 Aug 2021 5:33

Tgt Ion: 65 Resp: 229571

Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	98.6

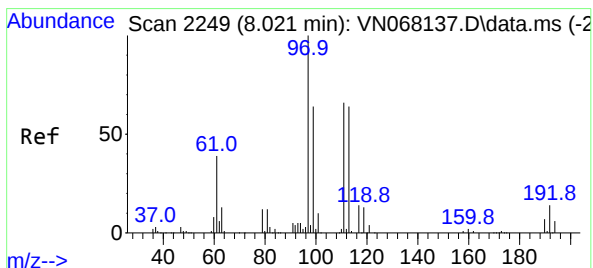
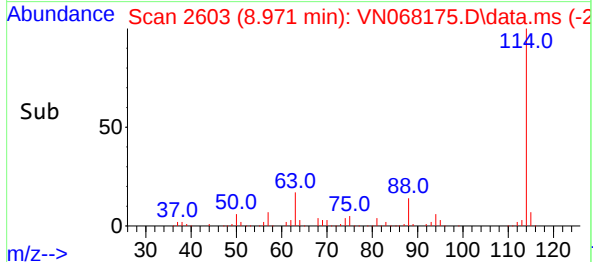
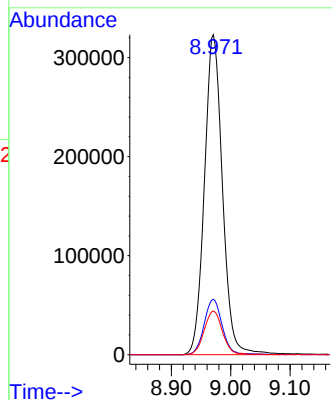
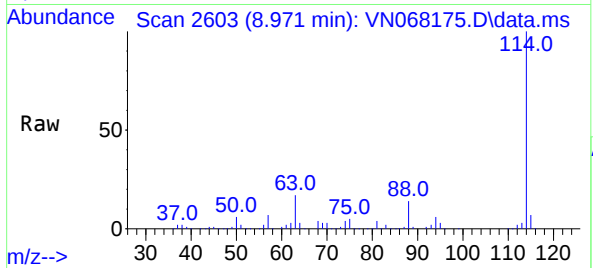




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068175.D
Acq: 18 Aug 2021 5:33

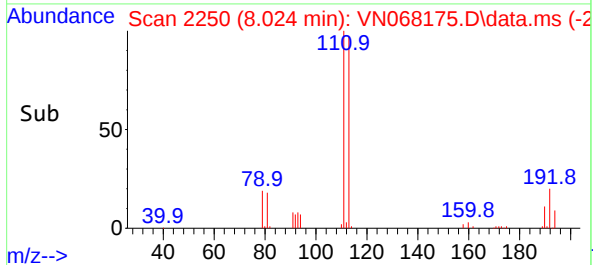
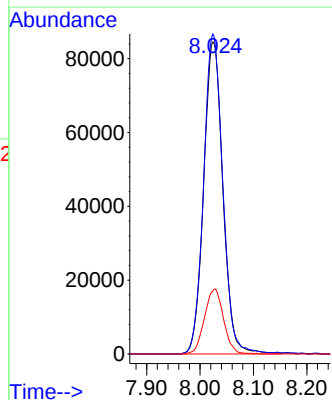
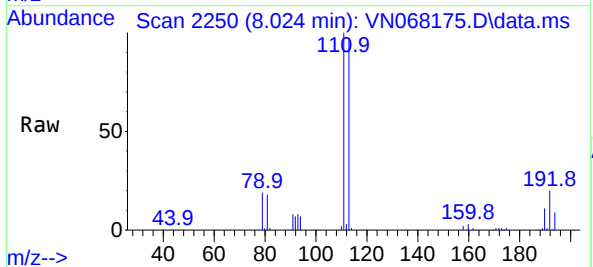
Instrument :
MSVOA_N
ClientSampleId :
MW-1

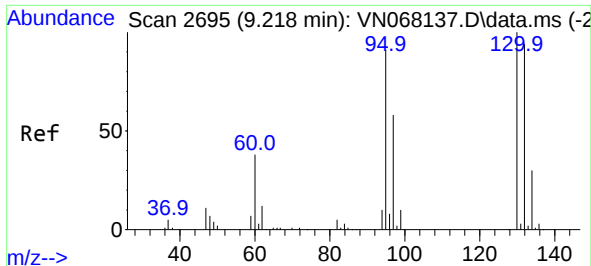
Tgt Ion:114 Resp: 681878
Ion Ratio Lower Upper
114 100
63 17.3 0.0 49.0
88 13.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 49.377 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN068175.D
Acq: 18 Aug 2021 5:33

Tgt Ion:113 Resp: 211383
Ion Ratio Lower Upper
113 100
111 101.9 83.8 125.8
192 20.6 13.4 20.0#

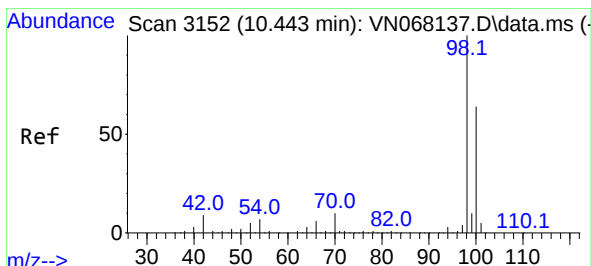
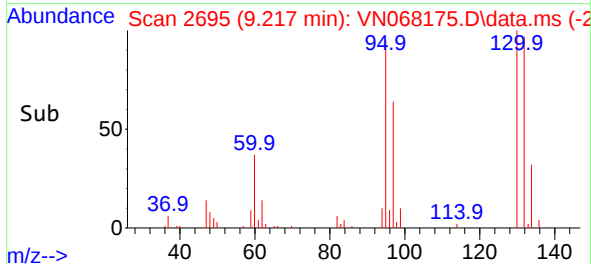
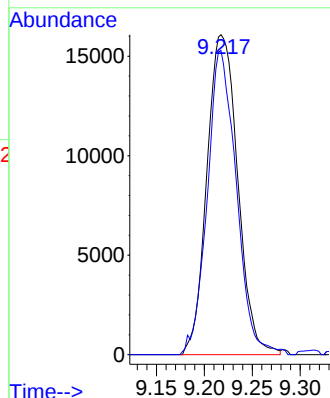
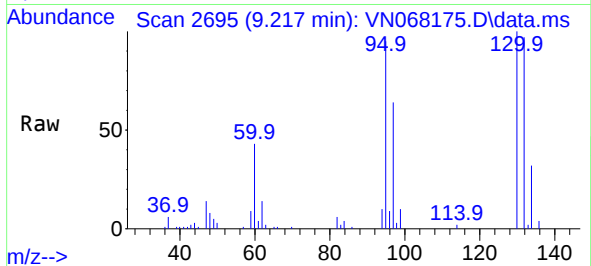




#44
Trichloroethene
Concen: 7.037 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. -0.001 min
Lab File: VN068175.D
Acq: 18 Aug 2021 5:33

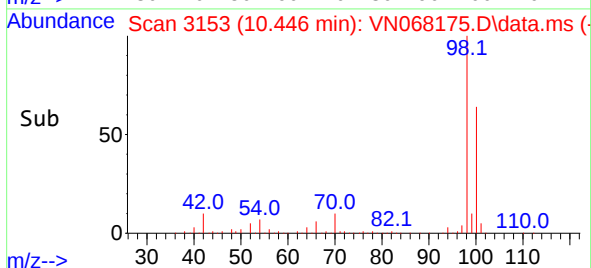
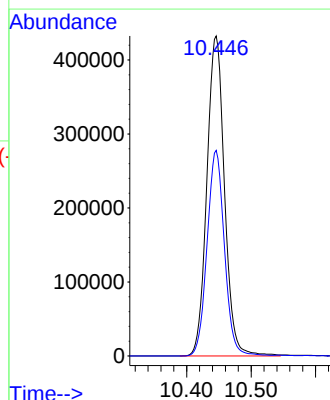
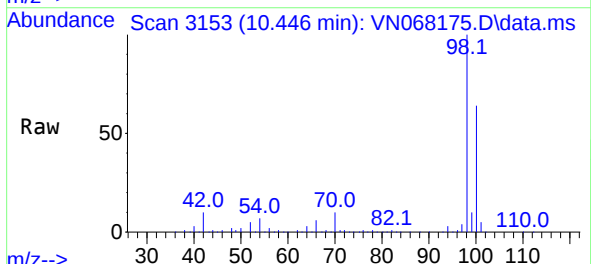
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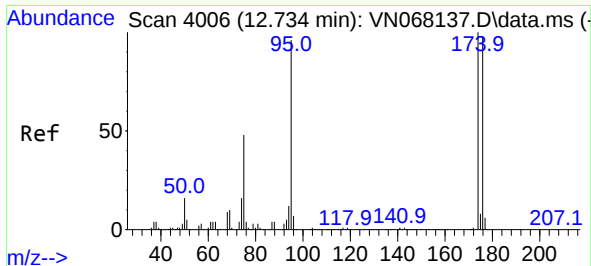
Tgt Ion:130 Resp: 36000
Ion Ratio Lower Upper
130 100
95 95.1 0.0 234.4



#50
Toluene-d8
Concen: 50.478 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN068175.D
Acq: 18 Aug 2021 5:33

Tgt Ion: 98 Resp: 823403
Ion Ratio Lower Upper
98 100
100 63.1 51.7 77.5

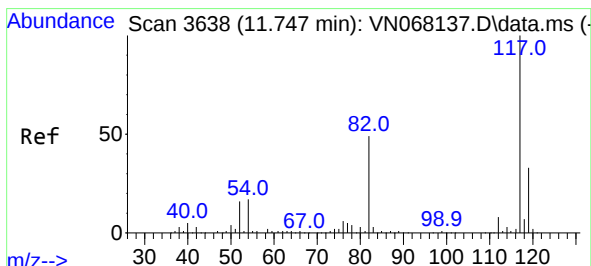
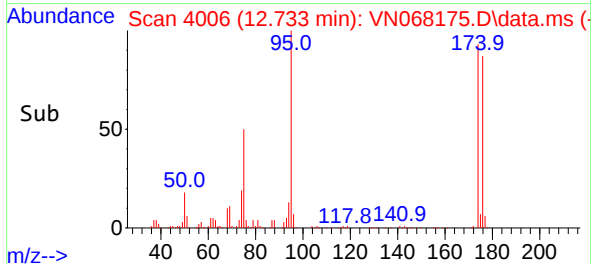
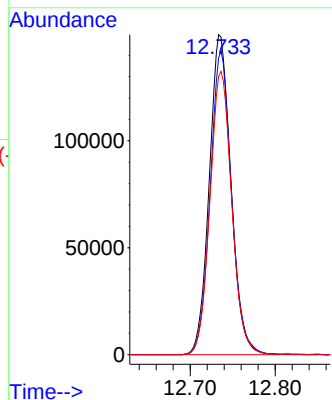
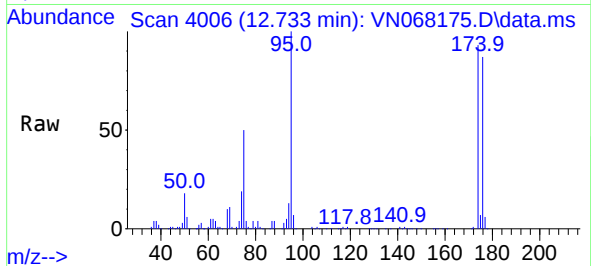




#62
4-Bromofluorobenzene
Concen: 48.774 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.001 min
Lab File: VN068175.D
Acq: 18 Aug 2021 5:33

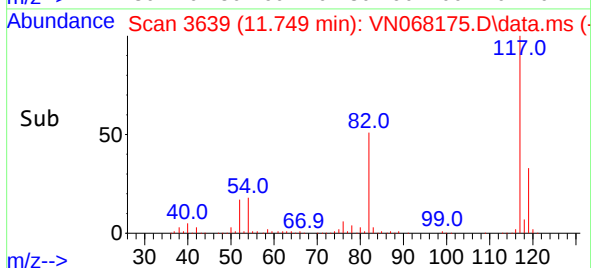
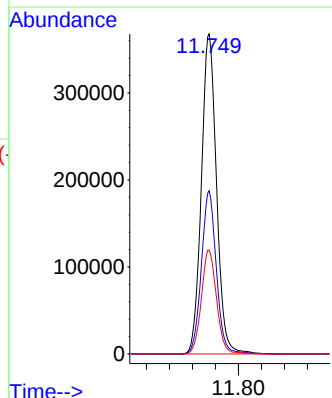
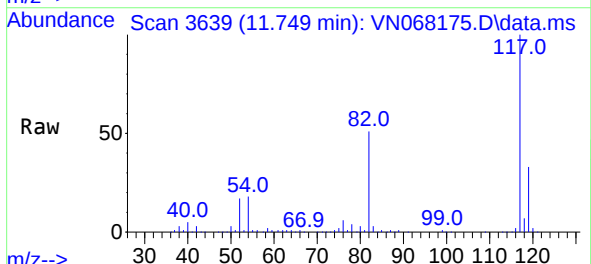
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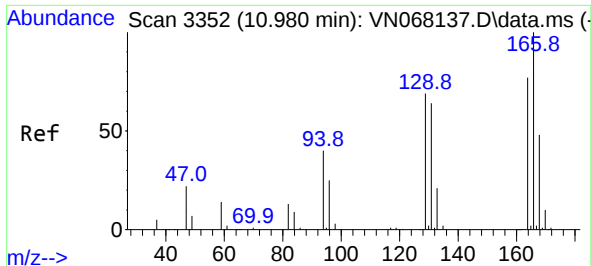
Tgt Ion: 95 Resp: 264852
Ion Ratio Lower Upper
95 100
174 94.0 0.0 122.0
176 89.1 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.002 min
Lab File: VN068175.D
Acq: 18 Aug 2021 5:33

Tgt Ion: 117 Resp: 673034
Ion Ratio Lower Upper
117 100
82 51.0 53.1 79.7#
119 32.5 25.5 38.3

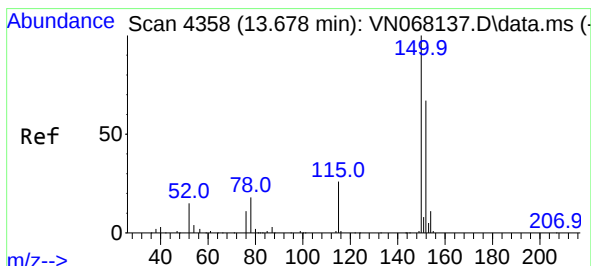
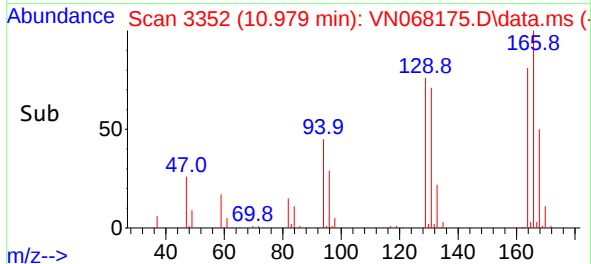
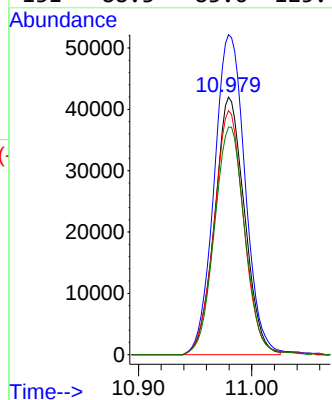
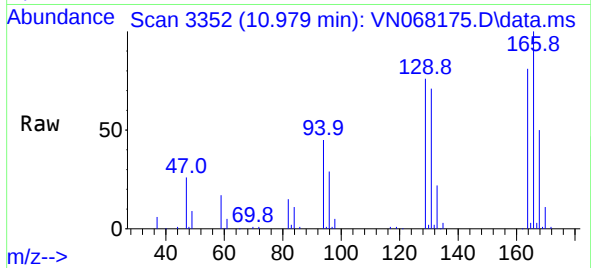




#64
Tetrachloroethene
Concen: 14.756 ug/l
RT: 10.979 min Scan# 3352
Delta R.T. -0.001 min
Lab File: VN068175.D
Acq: 18 Aug 2021 5:33

Instrument :
MSVOA_N
ClientSampleId :
MW-1

Tgt Ion:164 Resp: 76792
Ion Ratio Lower Upper
164 100
166 124.2 102.1 153.1
129 94.7 86.9 130.3
131 88.3 83.6 125.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.680 min Scan# 4359
Delta R.T. 0.002 min
Lab File: VN068175.D
Acq: 18 Aug 2021 5:33

Tgt Ion:152 Resp: 258046
Ion Ratio Lower Upper
152 100
115 56.7 36.1 108.5
150 158.3 0.0 351.8

