

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082521\
 Data File : VX023950.D
 Acq On : 25 Aug 2021 19:49
 Operator : JC/MD
 Sample : M3525-18
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WVLY-SW-20-GW-082221

Quant Time: Aug 26 09:33:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

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

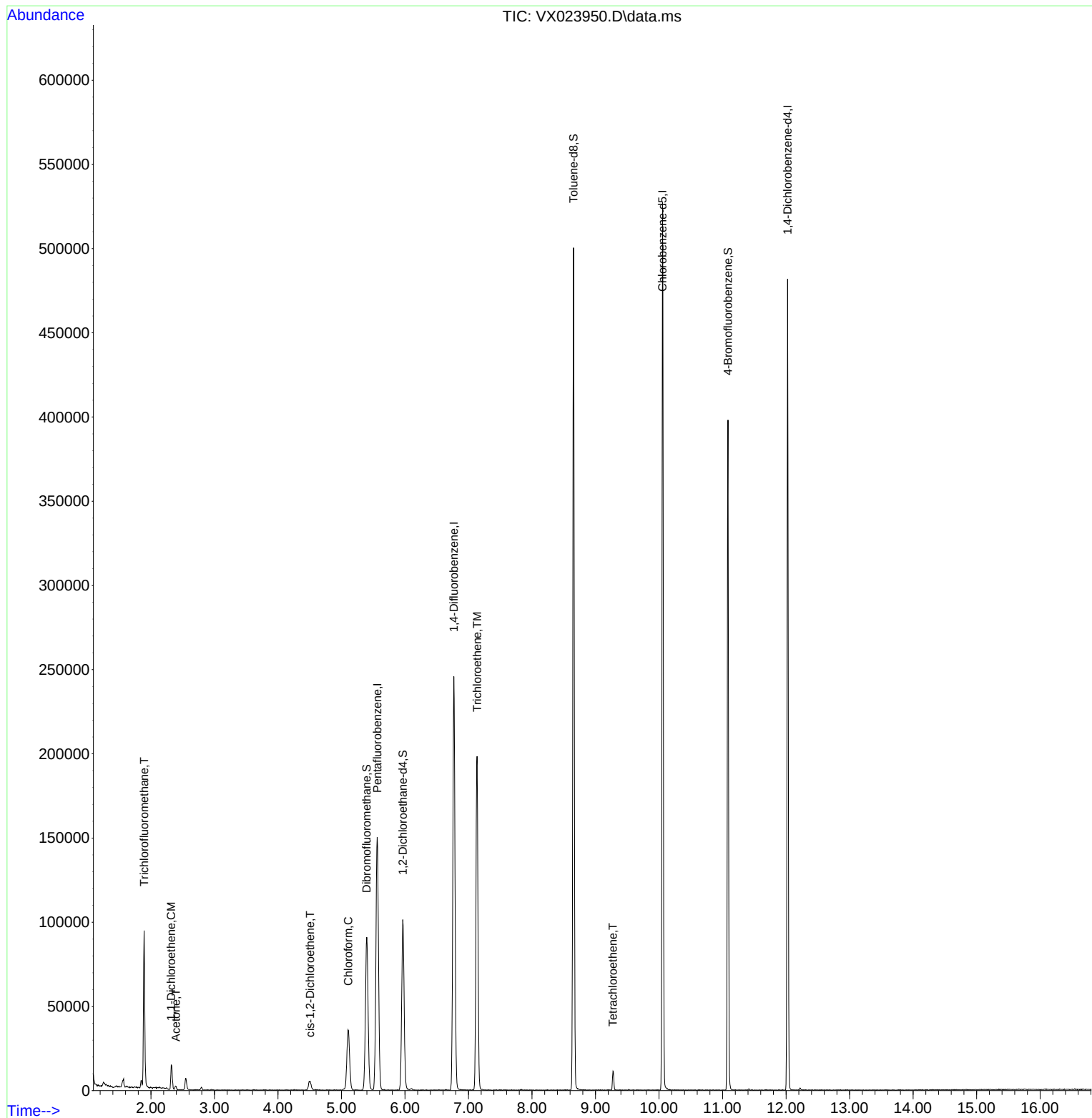
Internal Standards						
1) Pentafluorobenzene	5.562	168	137767	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	239352	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	226391	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95044	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	99855	51.932	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.860%	
35) Dibromofluoromethane	5.397	113	77578	48.970	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.940%	
50) Toluene-d8	8.653	98	280966	46.598	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 93.200%	
62) 4-Bromofluorobenzene	11.085	95	99557	44.852	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 89.700%	
Target Compounds						
						Qvalue
7) Trichlorofluoromethane	1.892	101	57256	23.298	ug/l	97
12) 1,1-Dichloroethene	2.319	96	4459	3.373	ug/l	96
16) Acetone	2.392	43	2362	2.747	ug/l #	77
27) cis-1,2-Dichloroethene	4.507	96	3391	2.018	ug/l	95
30) Chloroform	5.105	83	42634	14.908	ug/l	93
44) Trichloroethene	7.135	130	75180	41.523	ug/l	98
64) Tetrachloroethene	9.275	164	2321	1.284	ug/l #	80

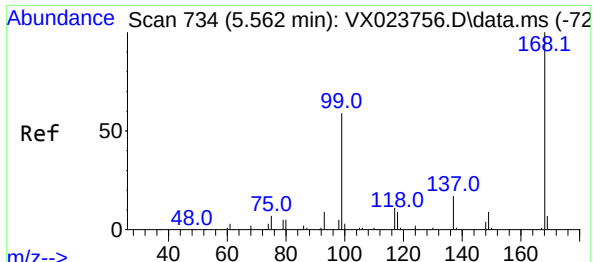
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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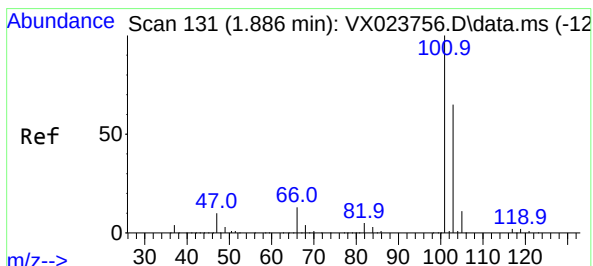
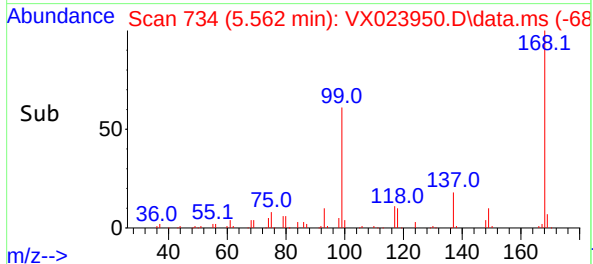
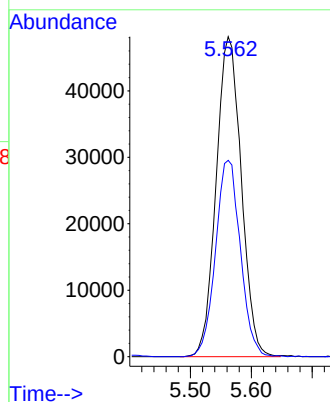
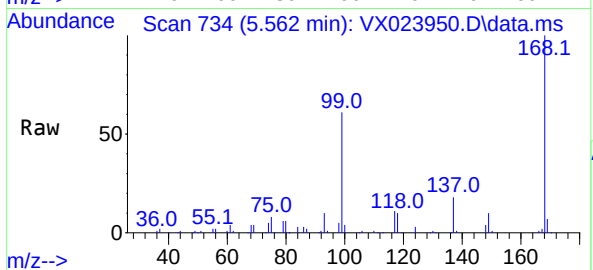




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023950.D
Acq: 25 Aug 2021 19:49

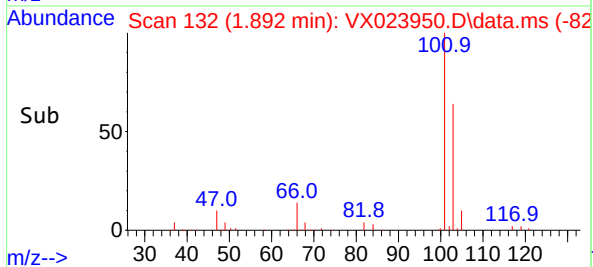
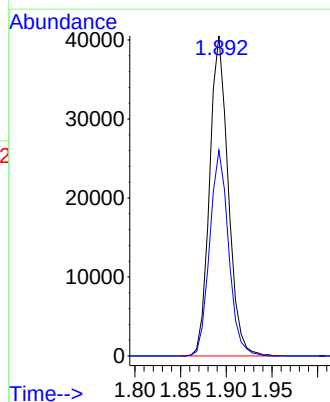
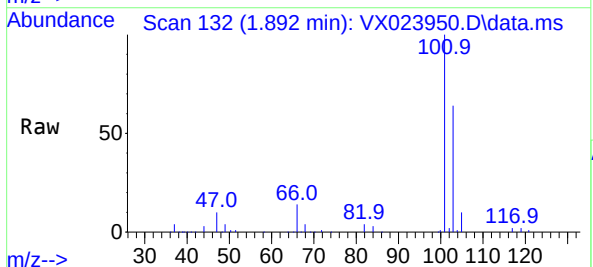
Instrument :
MSVOA_X
ClientSampleId :
WVLY-SW-20-GW-082221

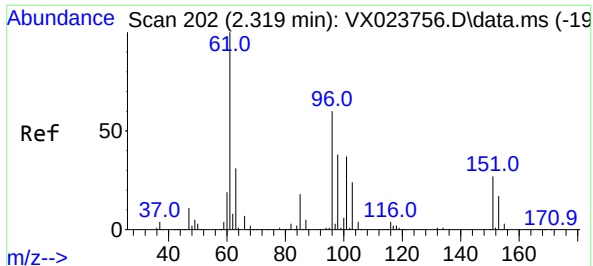
Tgt Ion:168 Resp: 137767
Ion Ratio Lower Upper
168 100
99 61.4 45.8 68.6



#7
Trichlorofluoromethane
Concen: 23.298 ug/l
RT: 1.892 min Scan# 132
Delta R.T. 0.006 min
Lab File: VX023950.D
Acq: 25 Aug 2021 19:49

Tgt Ion:101 Resp: 57256
Ion Ratio Lower Upper
101 100
103 64.3 53.2 79.8





#12

1,1-Dichloroethene

Concen: 3.373 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX023950.D

Acq: 25 Aug 2021 19:49

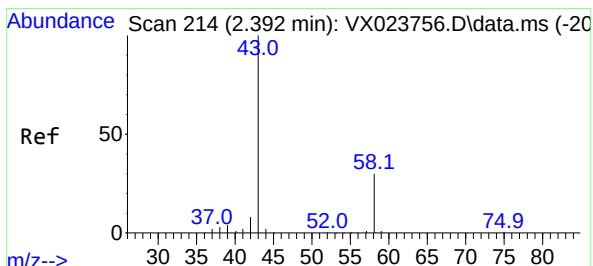
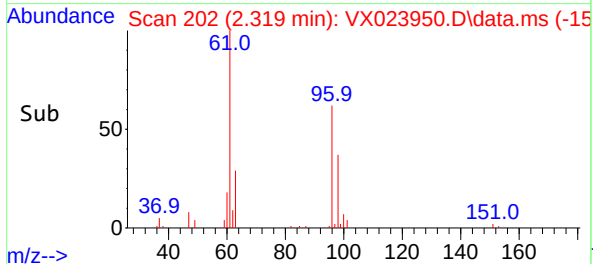
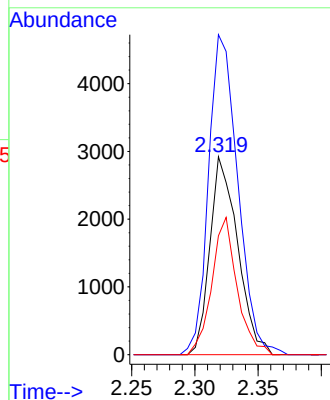
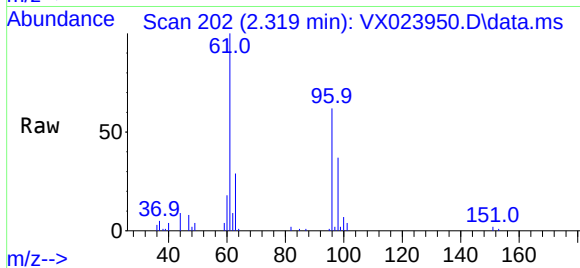
Tgt Ion: 96 Resp: 4459

Ion Ratio Lower Upper

96 100

61 161.7 124.6 187.0

98 60.1 50.6 76.0



#16

Acetone

Concen: 2.747 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX023950.D

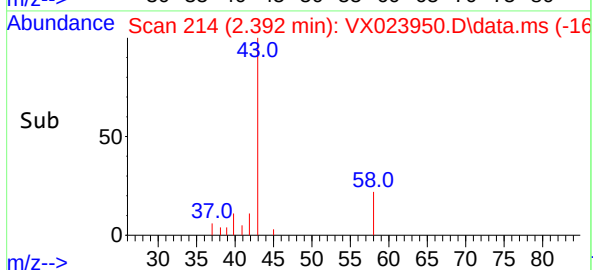
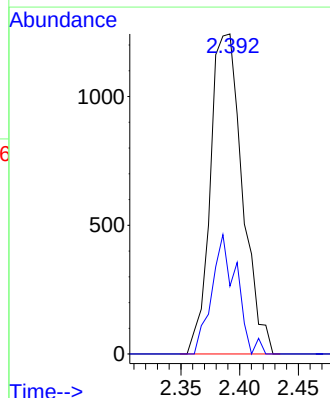
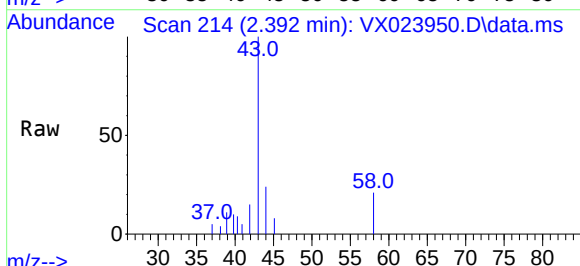
Acq: 25 Aug 2021 19:49

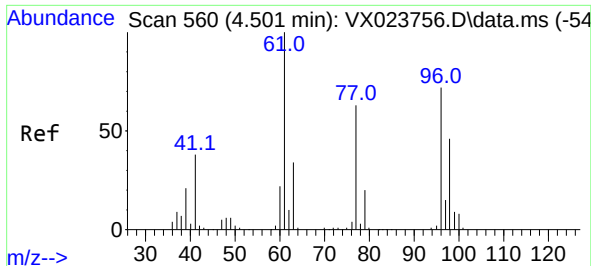
Tgt Ion: 43 Resp: 2362

Ion Ratio Lower Upper

43 100

58 21.2 27.8 41.8#





#27

cis-1,2-Dichloroethene

Concen: 2.018 ug/l

RT: 4.507 min Scan# 561

Delta R.T. 0.006 min

Lab File: VX023950.D

Acq: 25 Aug 2021 19:49

Tgt Ion: 96 Resp: 3391

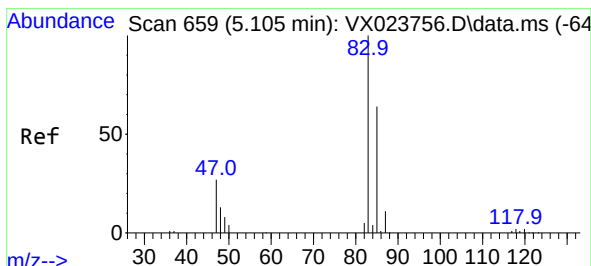
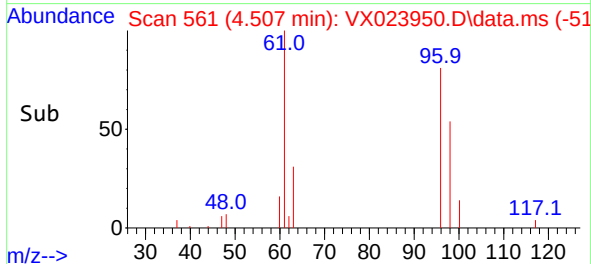
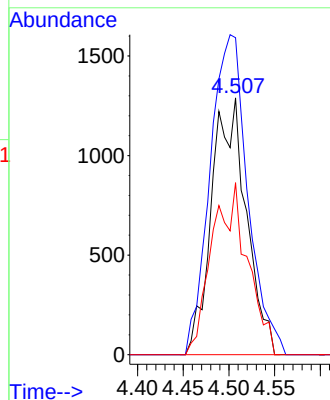
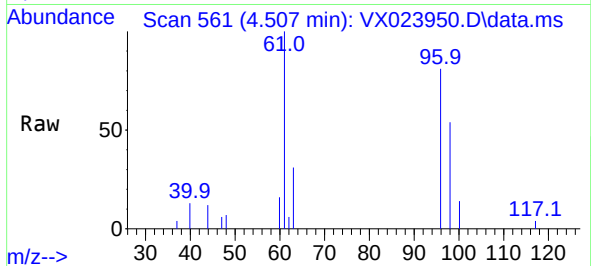
Ion	Ratio	Lower	Upper
96	100		
61	136.1	0.0	285.6
98	68.9	0.0	129.6

Instrument :

MSVOA_X

ClientSampleId :

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#30

Chloroform

Concen: 14.908 ug/l

RT: 5.105 min Scan# 659

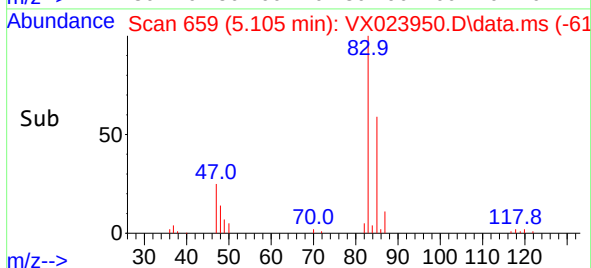
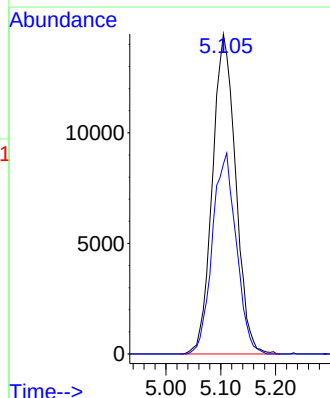
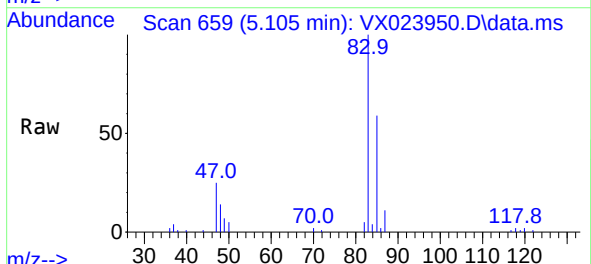
Delta R.T. -0.000 min

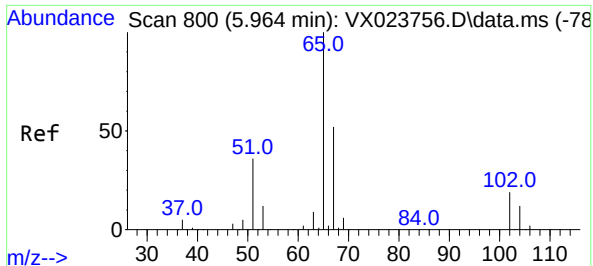
Lab File: VX023950.D

Acq: 25 Aug 2021 19:49

Tgt Ion: 83 Resp: 42634

Ion	Ratio	Lower	Upper
83	100		
85	59.3	52.0	78.0



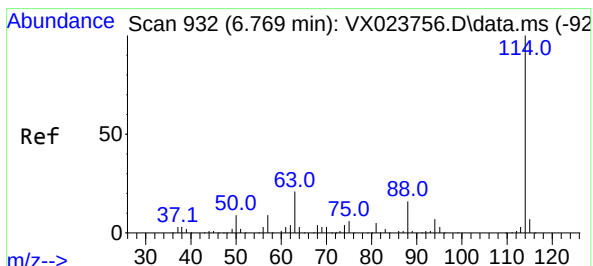
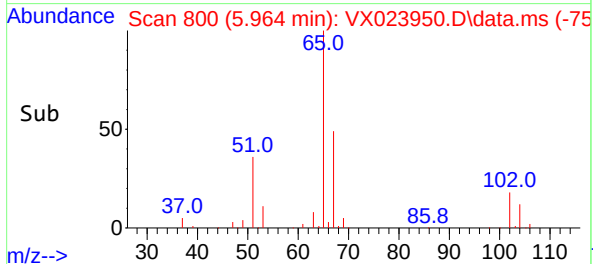
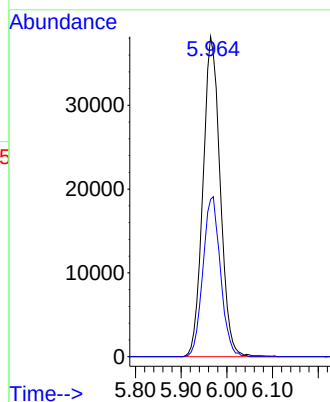
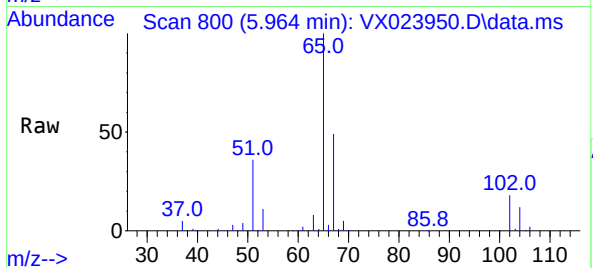


#33

1,2-Dichloroethane-d4
Concen: 51.932 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023950.D
Acq: 25 Aug 2021 19:49

Instrument :
MSVOA_X
ClientSampleId :
WVLY-SW-20-GW-082221

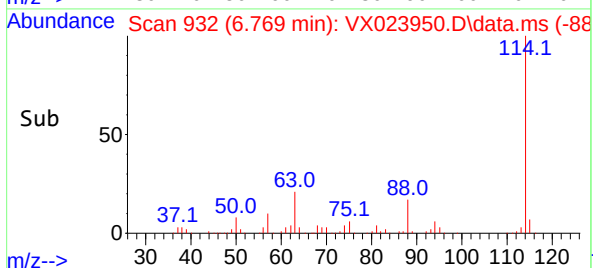
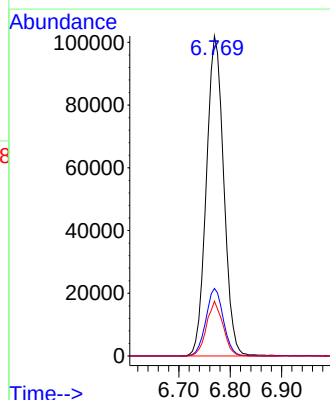
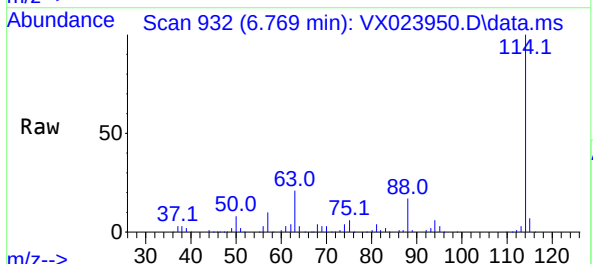
Tgt Ion: 65 Resp: 99855
Ion Ratio Lower Upper
65 100
67 50.8 0.0 105.4

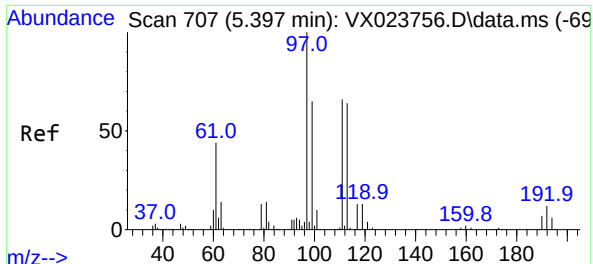


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023950.D
Acq: 25 Aug 2021 19:49

Tgt Ion:114 Resp: 239352
Ion Ratio Lower Upper
114 100
63 21.1 0.0 40.8
88 17.1 0.0 32.8

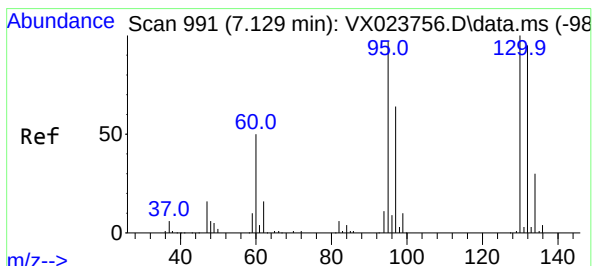
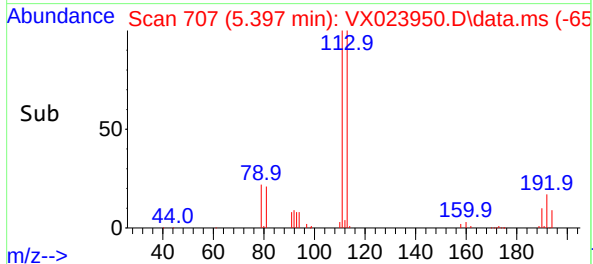
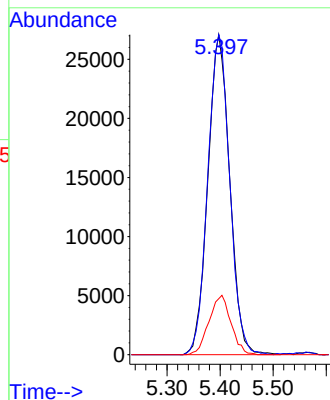
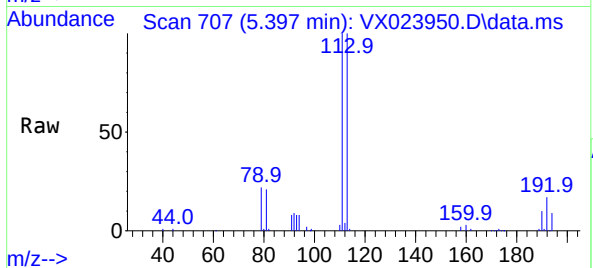




#35
Dibromofluoromethane
Concen: 48.970 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023950.D
Acq: 25 Aug 2021 19:49

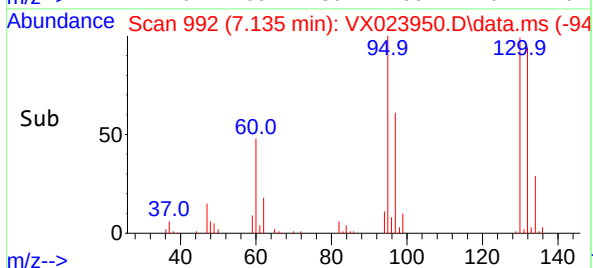
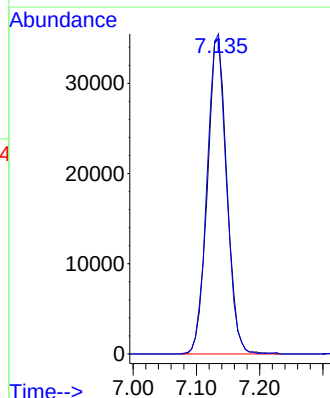
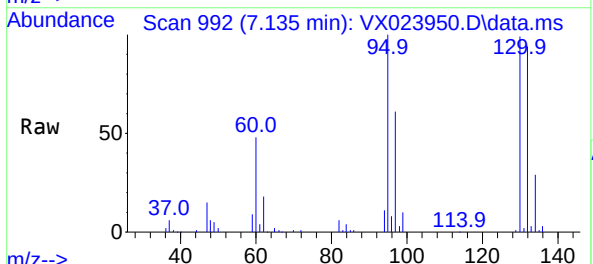
Instrument :
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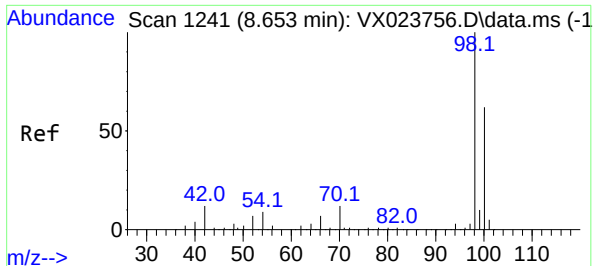
Tgt Ion:113 Resp: 77578
Ion Ratio Lower Upper
113 100
111 100.2 81.9 122.9
192 18.7 16.7 25.1



#44
Trichloroethene
Concen: 41.523 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX023950.D
Acq: 25 Aug 2021 19:49

Tgt Ion:130 Resp: 75180
Ion Ratio Lower Upper
130 100
95 101.3 0.0 198.0

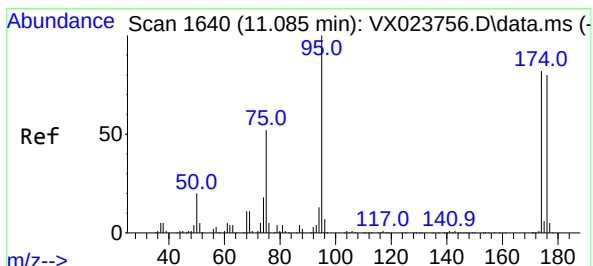
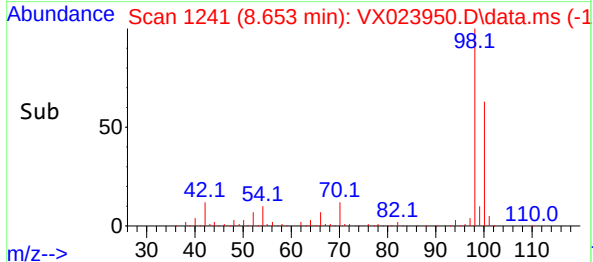
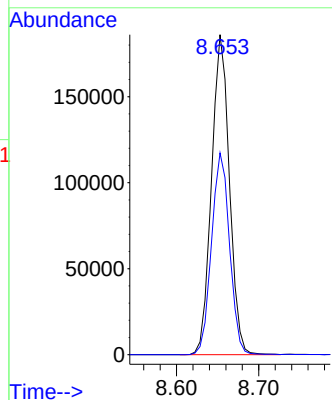
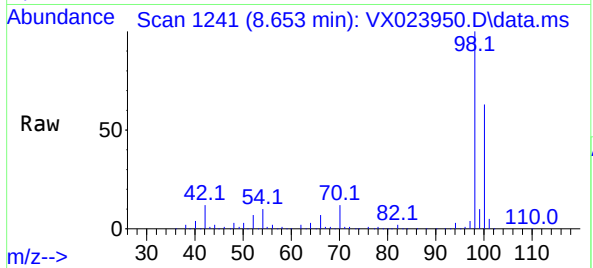




#50
Toluene-d8
Concen: 46.598 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023950.D
Acq: 25 Aug 2021 19:49

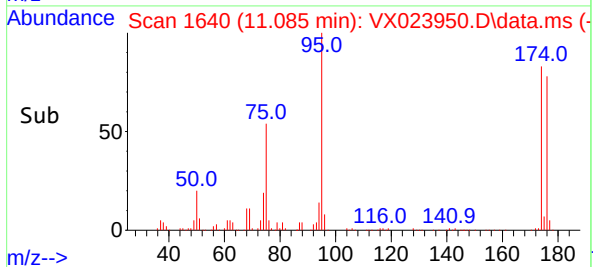
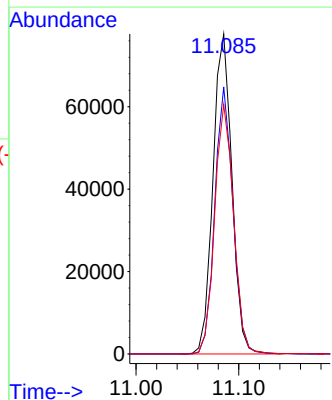
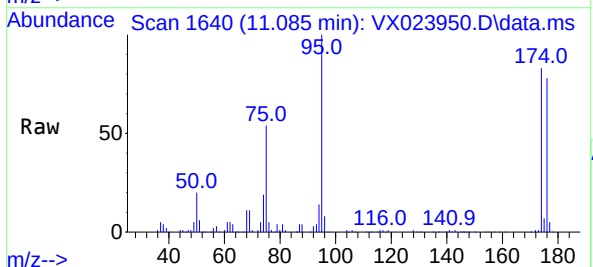
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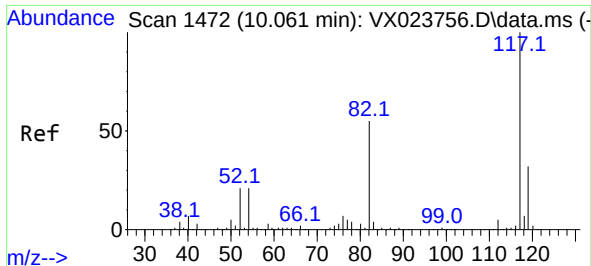
Tgt Ion: 98 Resp: 280966
Ion Ratio Lower Upper
98 100
100 63.8 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 44.852 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023950.D
Acq: 25 Aug 2021 19:49

Tgt Ion: 95 Resp: 99557
Ion Ratio Lower Upper
95 100
174 80.2 0.0 154.6
176 77.8 0.0 155.8

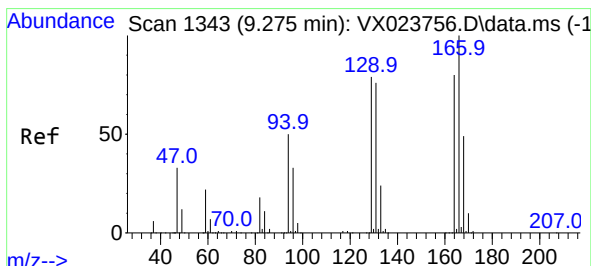
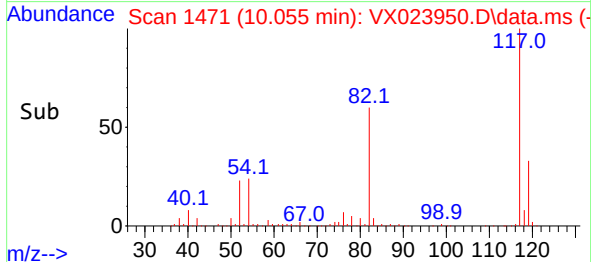
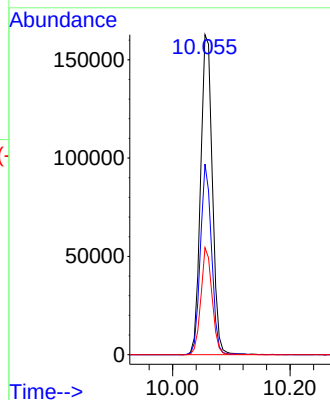
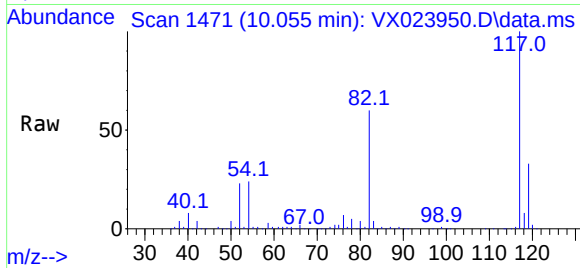




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023950.D
Acq: 25 Aug 2021 19:49

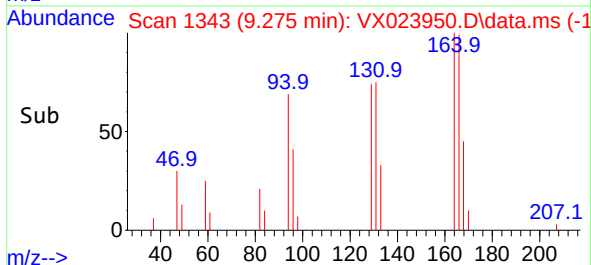
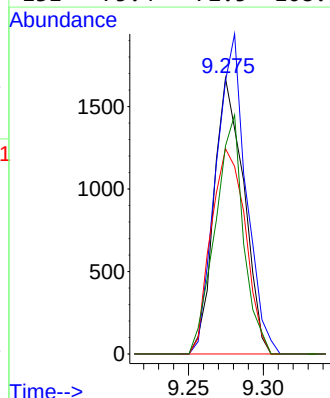
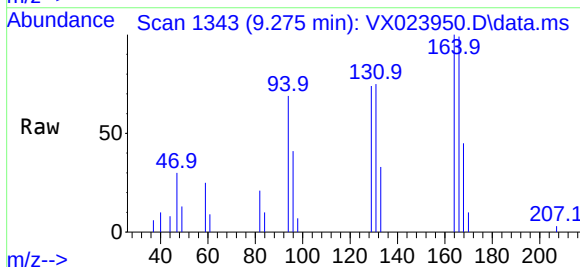
Instrument :
MSVOA_X
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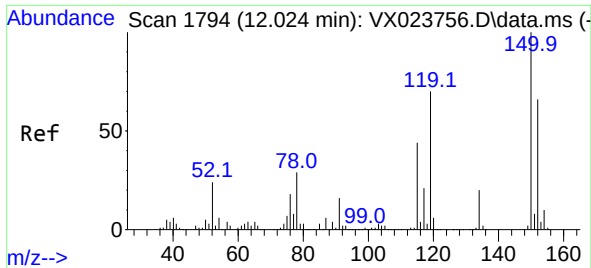
Tgt Ion:117 Resp: 226391
Ion Ratio Lower Upper
117 100
82 59.6 47.4 71.2
119 33.4 26.6 39.8



#64
Tetrachloroethene
Concen: 1.284 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX023950.D
Acq: 25 Aug 2021 19:49

Tgt Ion:164 Resp: 2321
Ion Ratio Lower Upper
164 100
166 98.9 103.4 155.2#
129 74.5 70.8 106.2
131 75.4 72.5 108.7





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023950.D
Acq: 25 Aug 2021 19:49

Instrument :
MSVOA_X
ClientSampleId :
WVLY-SW-20-GW-082221

Tgt Ion:152 Resp: 95044
Ion Ratio Lower Upper
152 100
115 60.2 41.1 123.3
150 156.5 0.0 349.0

