

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042121\
 Data File : VX021790.D
 Acq On : 21 Apr 2021 14:18
 Operator : JC/MD
 Sample : M2122-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW8-GW-98-100

Quant Time: Apr 22 08:57:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042021W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 20 13:46:22 2021
 Response via : Initial Calibration

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

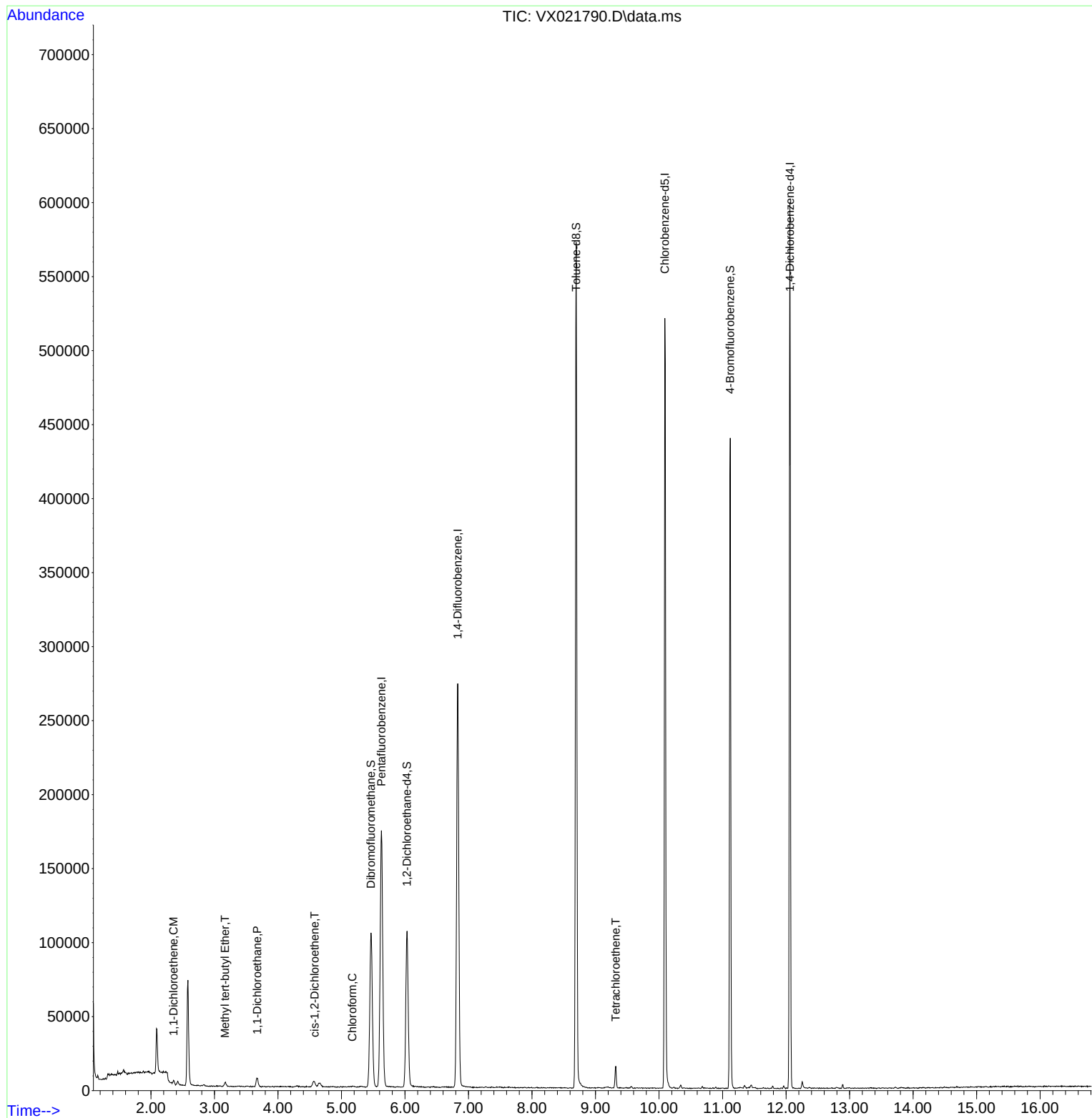
Internal Standards						
1) Pentafluorobenzene	5.629	168	173282	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	295732	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	265736	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	126904	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	99943	50.84	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.68%
35) Dibromofluoromethane	5.464	113	93131	49.24	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.48%
50) Toluene-d8	8.696	98	352829	48.52	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.04%
62) 4-Bromofluorobenzene	11.122	95	127616	46.99	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.98%
Target Compounds						
						Qvalue
12) 1,1-Dichloroethene	2.355	96	1021	0.64	ug/l	92
19) Methyl tert-butyl Ether	3.166	73	3043	0.55	ug/l #	69
24) 1,1-Dichloroethane	3.672	63	6699	2.19	ug/l	97
27) cis-1,2-Dichloroethene	4.574	96	2929	1.40	ug/l	78
30) Chloroform	5.172	83	866	0.26	ug/l #	75
64) Tetrachloroethene	9.317	164	2789	1.34	ug/l	95

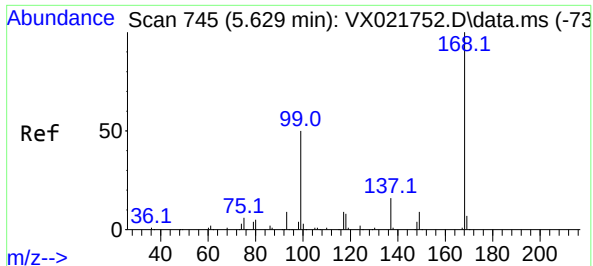
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042021W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 20 13:46:22 2021
Response via : Initial Calibration

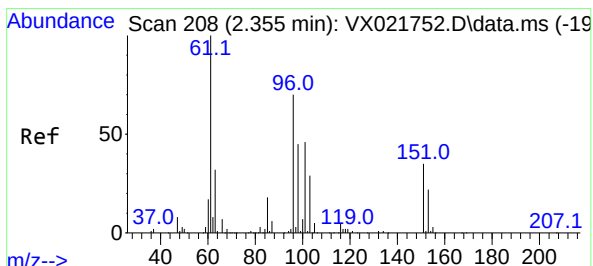
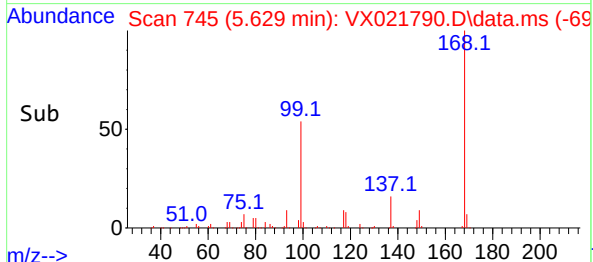
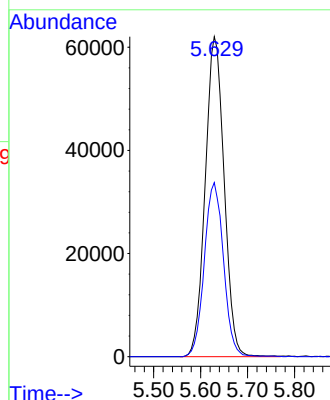
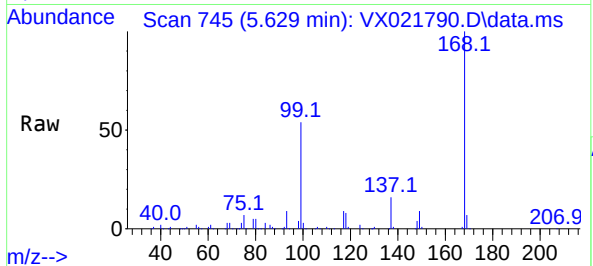




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.000 min
Lab File: VX021790.D
Acq: 21 Apr 2021 14:18

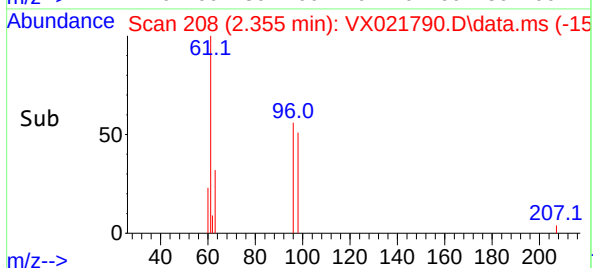
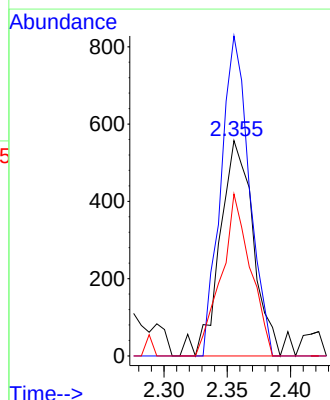
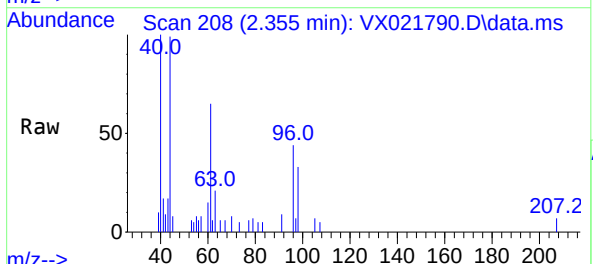
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW8-GW-98-100

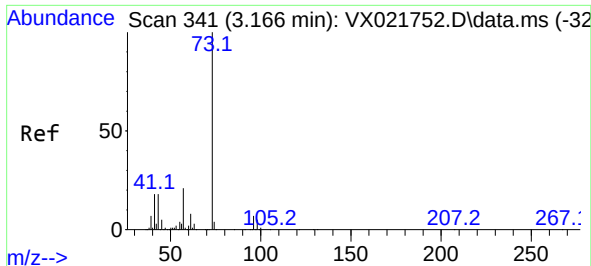
Tgt Ion:168 Resp: 173282
Ion Ratio Lower Upper
168 100
99 54.4 45.8 68.6



#12
1,1-Dichloroethene
Concen: 0.64 ug/l
RT: 2.355 min Scan# 208
Delta R.T. 0.000 min
Lab File: VX021790.D
Acq: 21 Apr 2021 14:18

Tgt Ion: 96 Resp: 1021
Ion Ratio Lower Upper
96 100
61 148.7 124.6 187.0
98 75.2 50.6 76.0



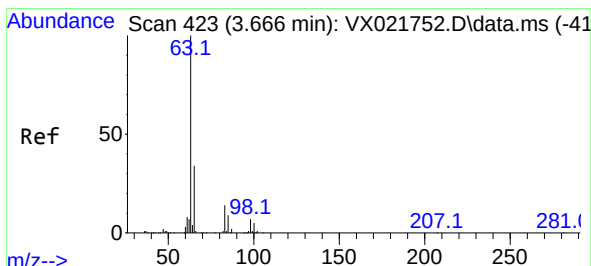
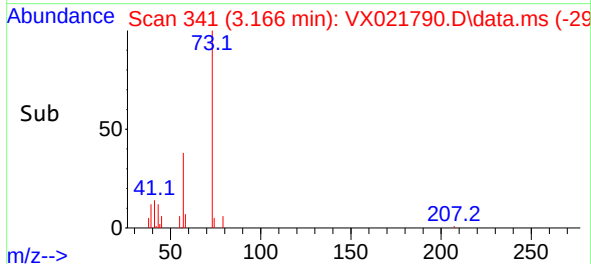
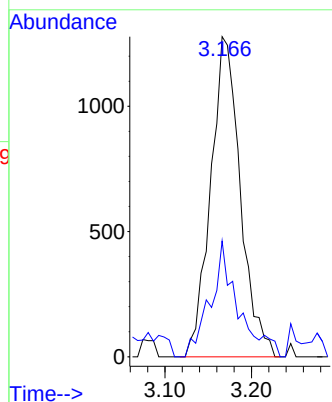
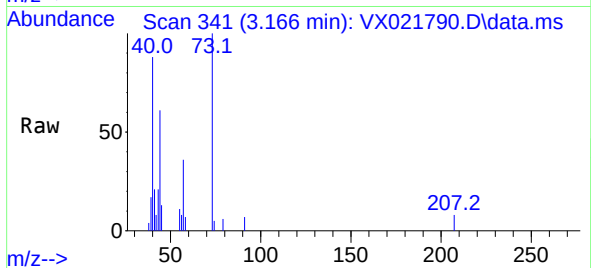


#19

Methyl tert-butyl Ether
 Concen: 0.55 ug/l
 RT: 3.166 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VX021790.D
 Acq: 21 Apr 2021 14:18

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW8-GW-98-100

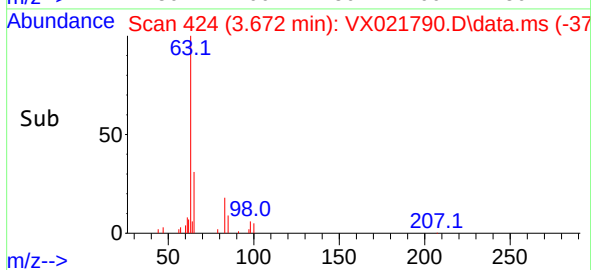
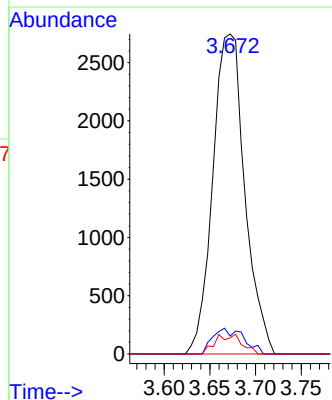
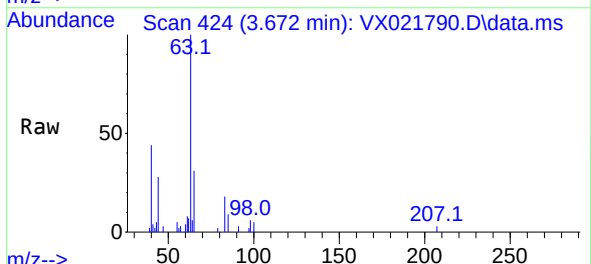
Tgt Ion: 73 Resp: 3043
 Ion Ratio Lower Upper
 73 100
 57 36.2 17.1 25.7#

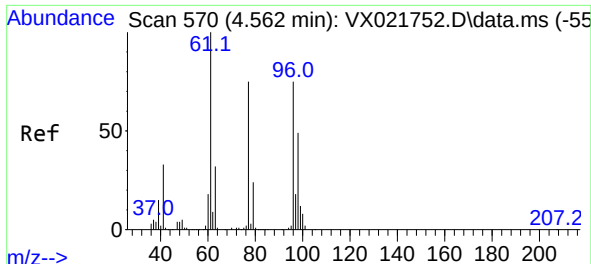


#24

1,1-Dichloroethane
 Concen: 2.19 ug/l
 RT: 3.672 min Scan# 424
 Delta R.T. 0.006 min
 Lab File: VX021790.D
 Acq: 21 Apr 2021 14:18

Tgt Ion: 63 Resp: 6699
 Ion Ratio Lower Upper
 63 100
 98 5.6 3.8 11.2
 100 5.0 2.5 7.5



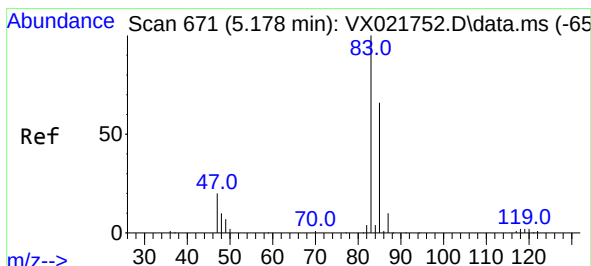
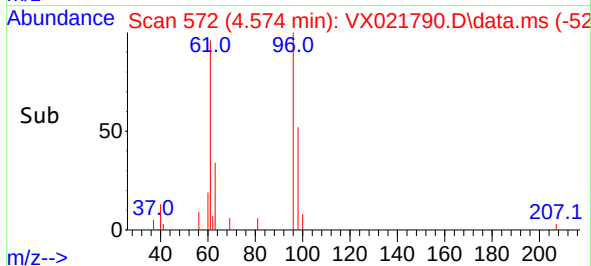
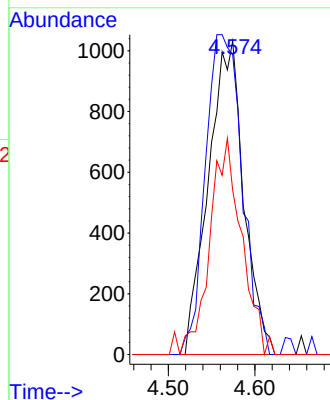
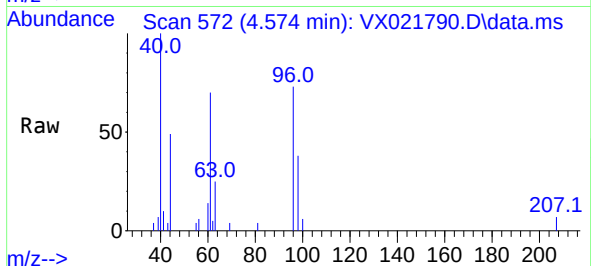


#27

cis-1,2-Dichloroethene
Concen: 1.40 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.012 min
Lab File: VX021790.D
Acq: 21 Apr 2021 14:18

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW8-GW-98-100

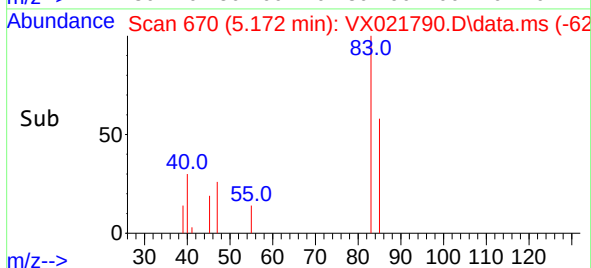
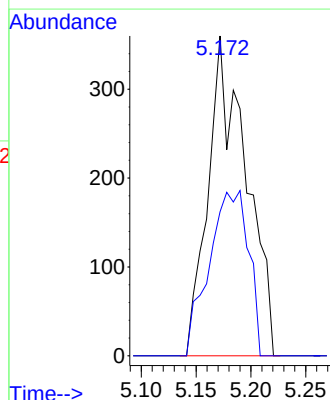
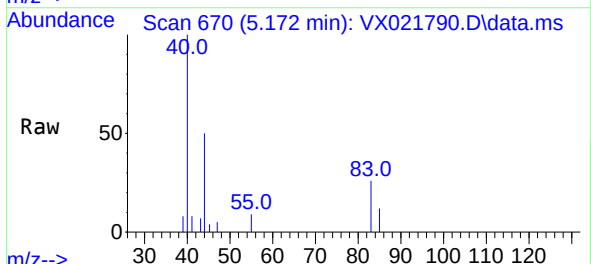
Tgt Ion: 96 Resp: 2929
Ion Ratio Lower Upper
96 100
61 106.0 0.0 285.6
98 61.8 0.0 129.6

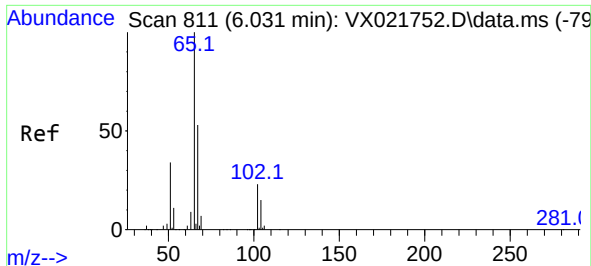


#30

Chloroform
Concen: 0.26 ug/l
RT: 5.172 min Scan# 670
Delta R.T. -0.006 min
Lab File: VX021790.D
Acq: 21 Apr 2021 14:18

Tgt Ion: 83 Resp: 866
Ion Ratio Lower Upper
83 100
85 45.0 52.0 78.0#

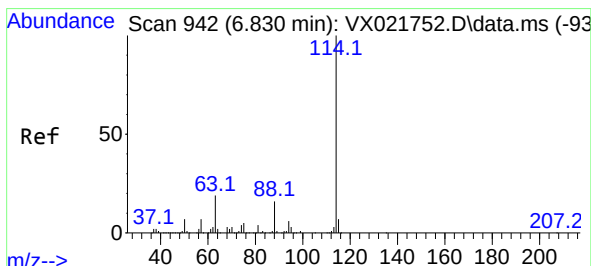
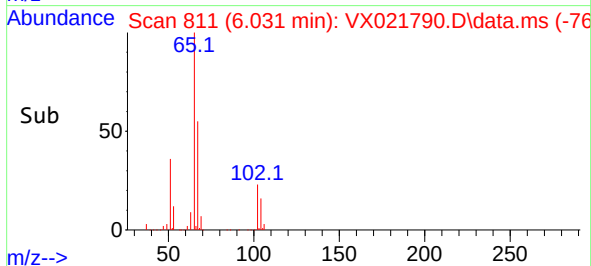
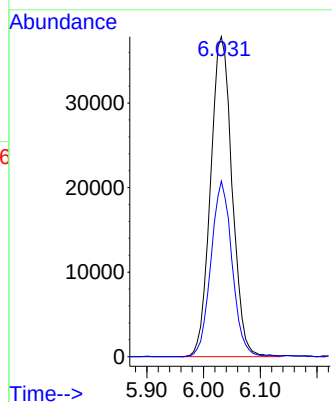
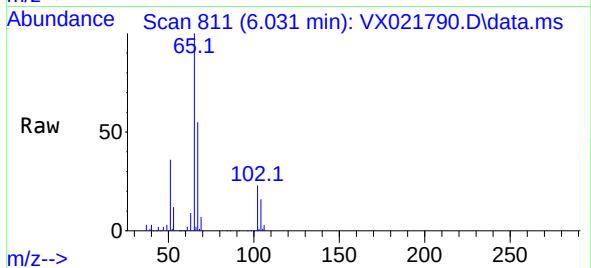




#33
1,2-Dichloroethane-d4
Concen: 50.84 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX021790.D
Acq: 21 Apr 2021 14:18

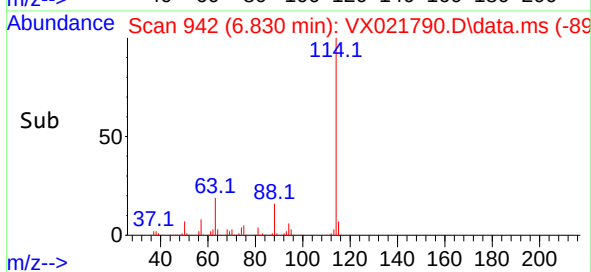
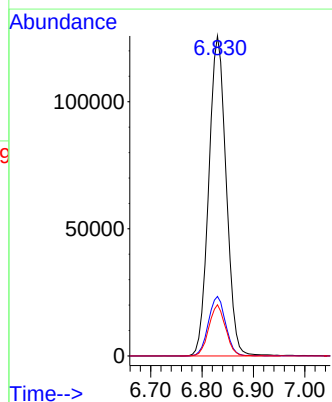
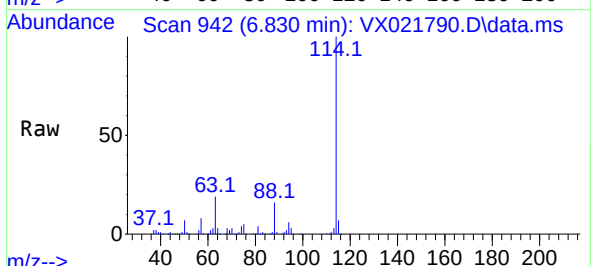
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW8-GW-98-100

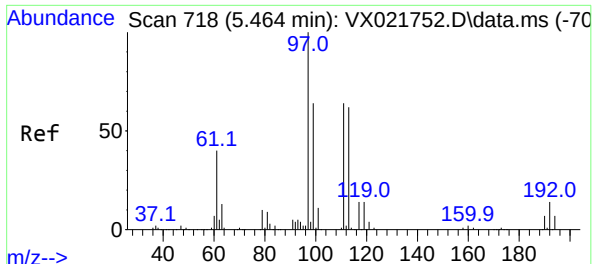
Tgt Ion: 65 Resp: 99943
Ion Ratio Lower Upper
65 100
67 53.6 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.000 min
Lab File: VX021790.D
Acq: 21 Apr 2021 14:18

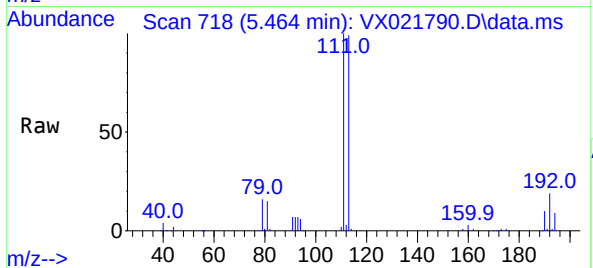
Tgt Ion: 114 Resp: 295732
Ion Ratio Lower Upper
114 100
63 18.6 0.0 40.8
88 16.0 0.0 32.8



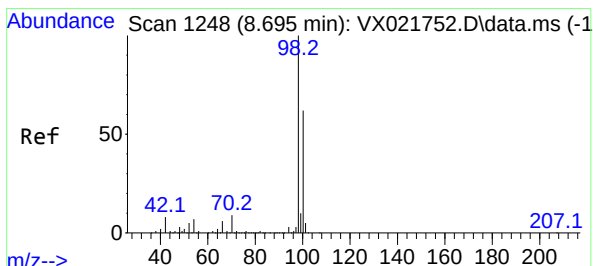
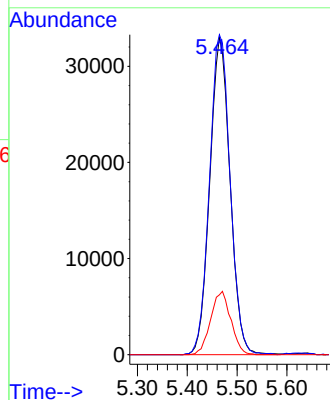
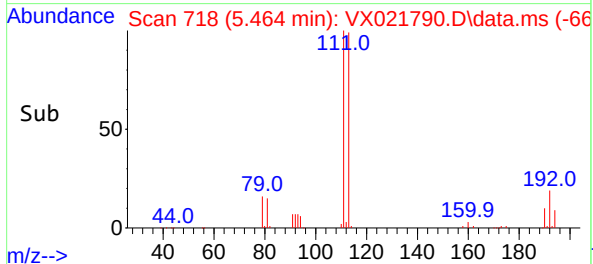


#35
Dibromofluoromethane
Concen: 49.24 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX021790.D
Acq: 21 Apr 2021 14:18

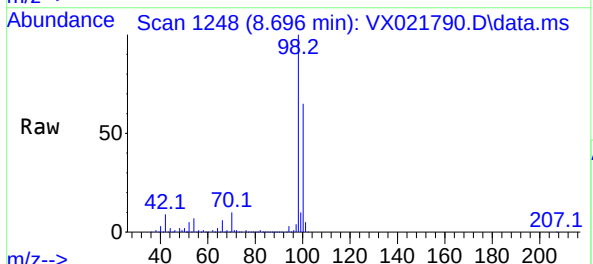
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW8-GW-98-100



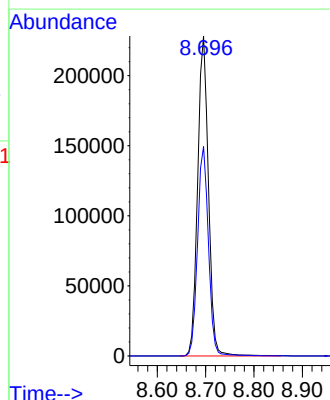
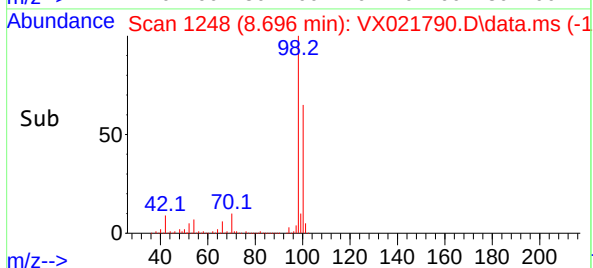
Tgt Ion:113 Resp: 93131
Ion Ratio Lower Upper
113 100
111 102.8 81.9 122.9
192 19.9 16.7 25.1

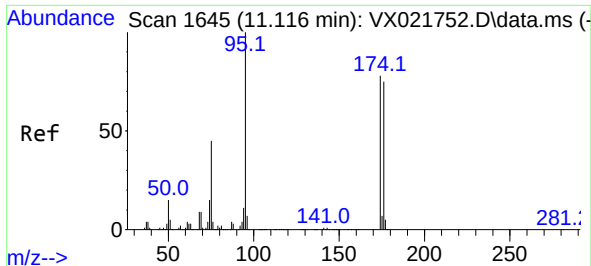


#50
Toluene-d8
Concen: 48.52 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.001 min
Lab File: VX021790.D
Acq: 21 Apr 2021 14:18



Tgt Ion: 98 Resp: 352829
Ion Ratio Lower Upper
98 100
100 65.9 51.9 77.9

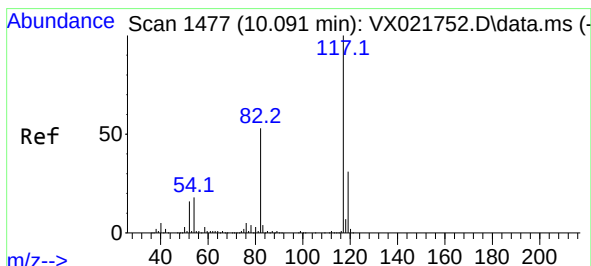
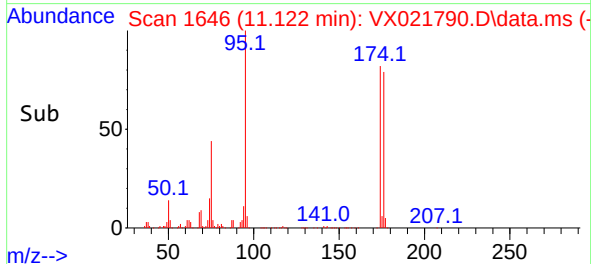
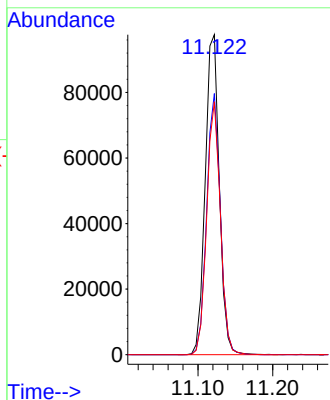
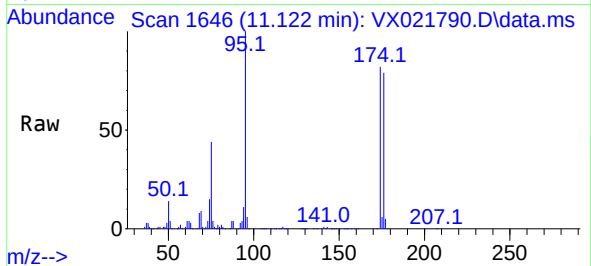




#62
4-Bromofluorobenzene
Concen: 46.99 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.006 min
Lab File: VX021790.D
Acq: 21 Apr 2021 14:18

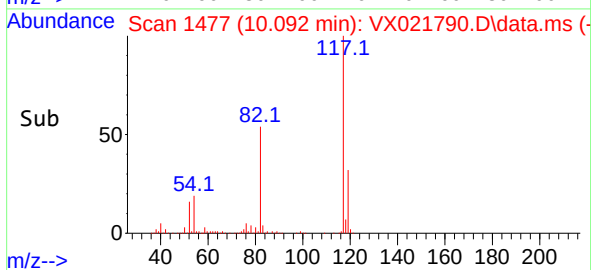
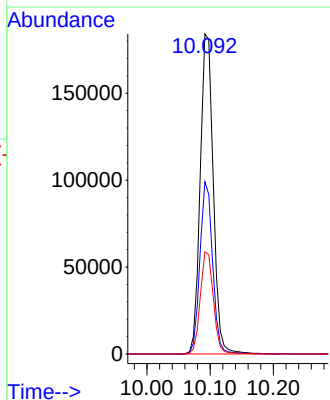
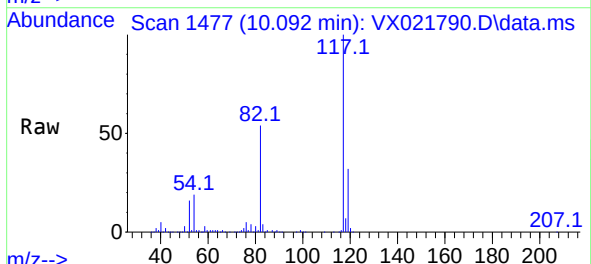
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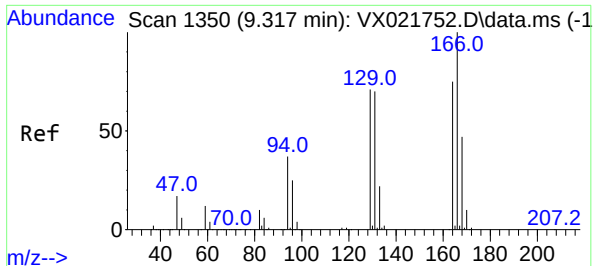
Tgt Ion: 95 Resp: 127616
Ion Ratio Lower Upper
95 100
174 79.2 0.0 154.6
176 76.8 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. 0.001 min
Lab File: VX021790.D
Acq: 21 Apr 2021 14:18

Tgt Ion: 117 Resp: 265736
Ion Ratio Lower Upper
117 100
82 53.8 47.4 71.2
119 31.9 26.6 39.8



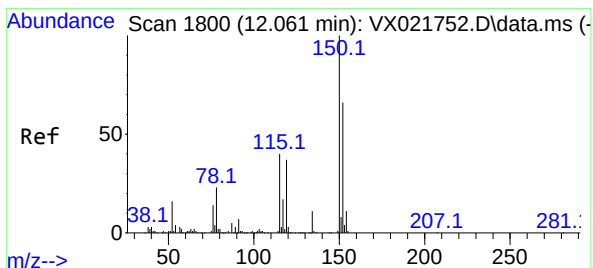
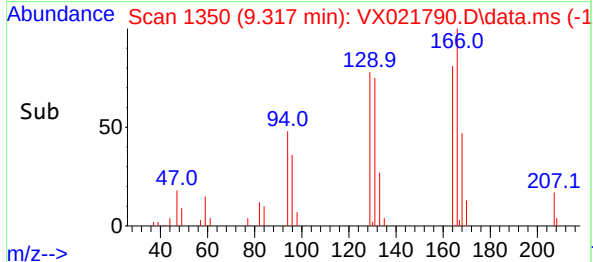
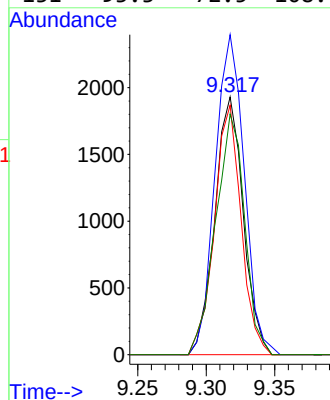
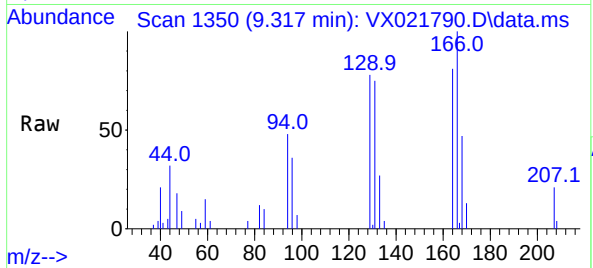


#64
Tetrachloroethene
Concen: 1.34 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VX021790.D
Acq: 21 Apr 2021 14:18

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW8-GW-98-100

Tgt Ion:164 Resp: 2789

Ion	Ratio	Lower	Upper
164	100		
166	124.1	103.4	155.2
129	96.8	70.8	106.2
131	93.3	72.5	108.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX021790.D
Acq: 21 Apr 2021 14:18

Tgt Ion:152 Resp: 126904

Ion	Ratio	Lower	Upper
152	100		
115	59.4	41.1	123.3
150	156.7	0.0	349.0

