

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122420\
 Data File : VX020394.D
 Acq On : 24 Dec 2020 17:43
 Operator : JC/MD
 Sample : L5124-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT181S-20201215

Quant Time: Dec 25 01:15:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 18 13:09:49 2020
 Response via : Initial Calibration

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

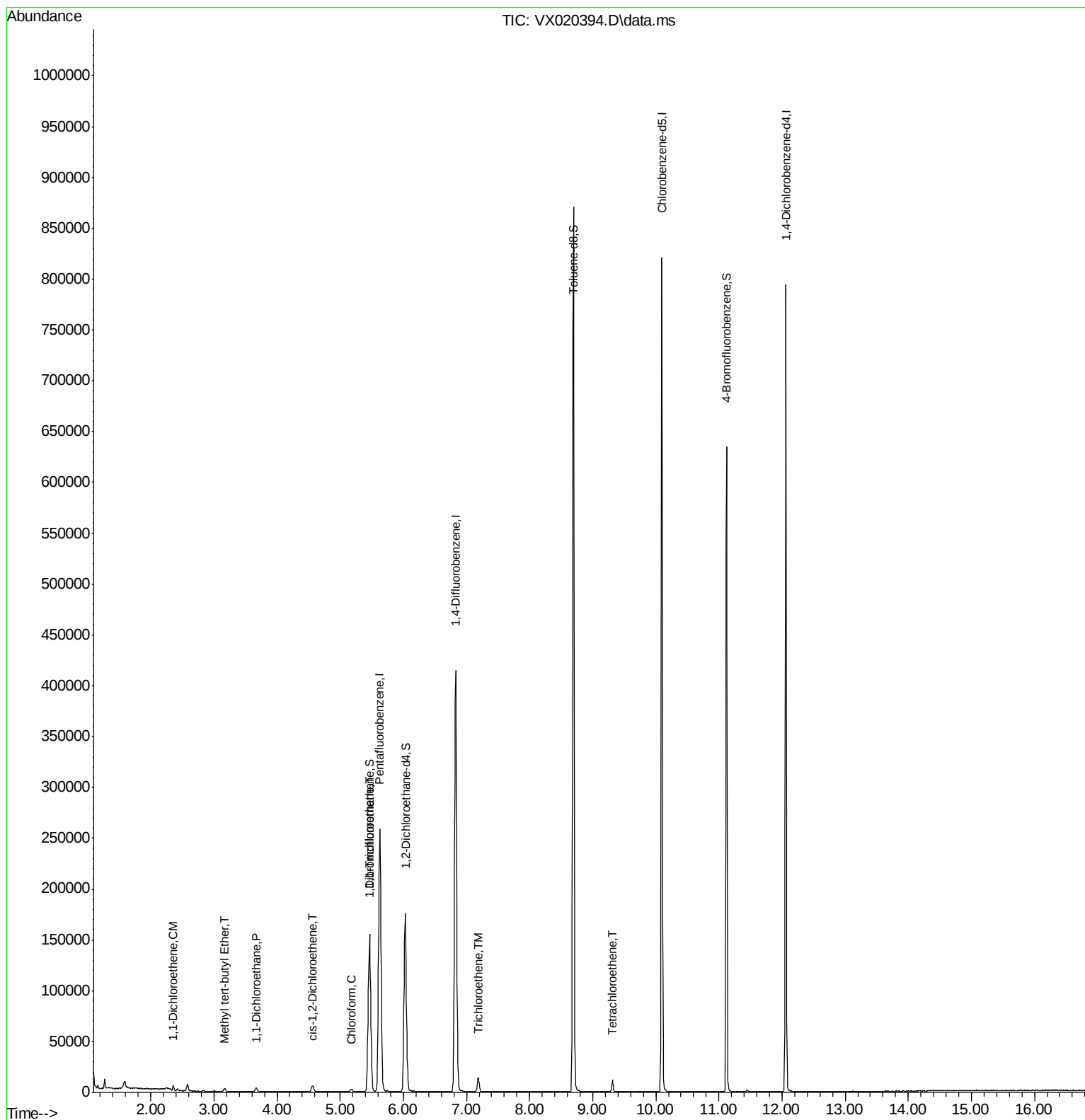
Internal Standards						
1) Pentafluorobenzene	5.629	168	243338	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	410104	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	384224	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	162102	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	166235	50.96	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.92%			
35) Dibromofluoromethane	5.464	113	133599	50.93	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.86%			
50) Toluene-d8	8.696	98	503431	49.85	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.70%			
62) 4-Bromofluorobenzene	11.122	95	172156	44.54	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 89.08%			
Target Compounds						
12) 1,1-Dichloroethene	2.355	96	1633	0.66	ug/l	96
19) Methyl tert-butyl Ether	3.166	73	3264	0.35	ug/l	93
24) 1,1-Dichloroethane	3.672	63	4298	0.81	ug/l	99
27) cis-1,2-Dichloroethene	4.562	96	3741	1.10	ug/l	91
30) Chloroform	5.178	83	3022	0.56	ug/l	94
32) 1,1,1-Trichloroethane	5.471	97	1871	0.42	ug/l #	48
44) Trichloroethene	7.190	130	5181	1.59	ug/l	90
64) Tetrachloroethene	9.317	164	2278	0.79	ug/l	92

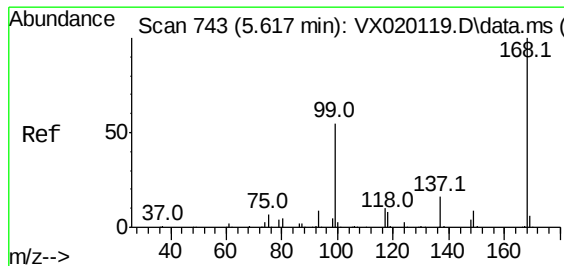
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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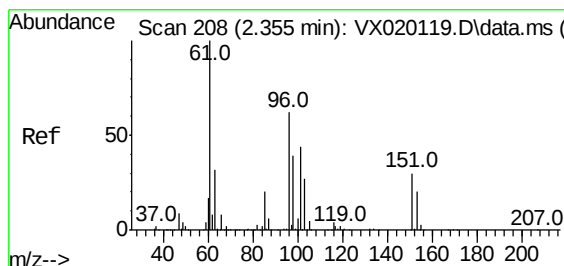
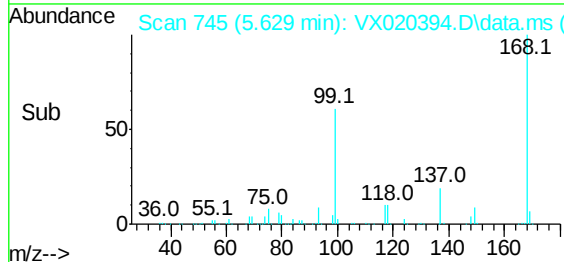
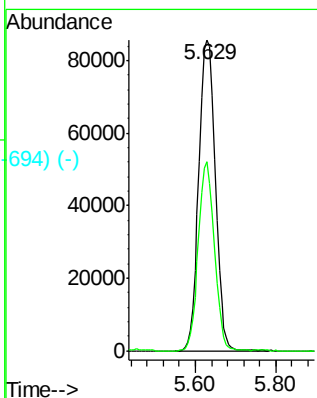
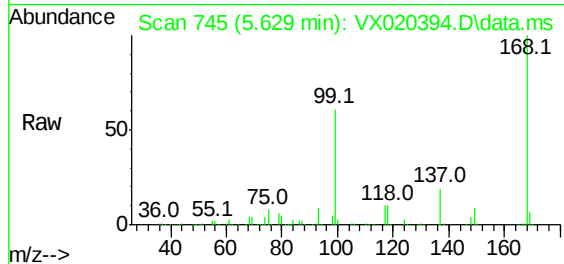




Scan 743 (5.617 min): VX020119.D\data.ms (-743) (-)
 Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 5.629 min Scan# 745
 Delta R.T. 0.012 min
 Lab File: VX020394.D
 Acq: 24 Dec 2020 17:43

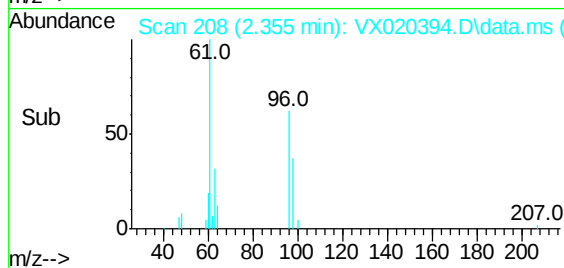
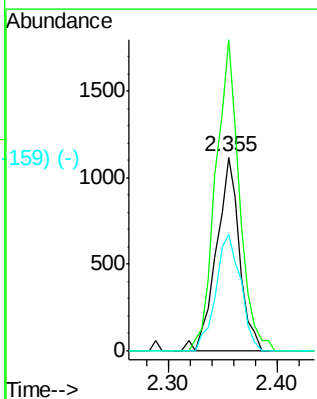
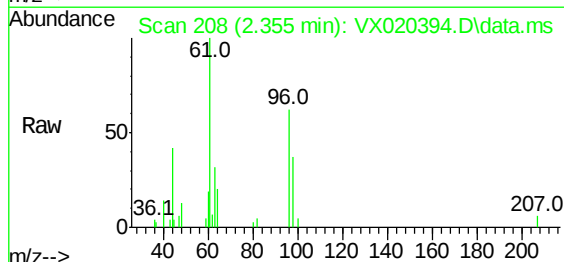
Instrument :
 MSVOA_X
 ClientSampleId :
 TT181S-20201215

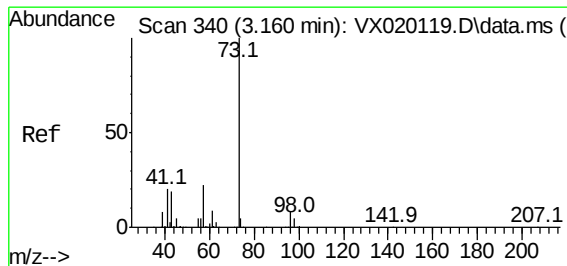
Tgt Ion: 168 Resp: 243338
 Ion Ratio Lower Upper
 168 100
 99 60.9 45.8 68.6



Scan 208 (2.355 min): VX020119.D\data.ms (-159) (-)
 1,1-Dichloroethene
 Concen: 0.66 ug/l
 RT: 2.355 min Scan# 208
 Delta R.T. 0.000 min
 Lab File: VX020394.D
 Acq: 24 Dec 2020 17:43

Tgt Ion: 96 Resp: 1633
 Ion Ratio Lower Upper
 96 100
 61 160.7 124.6 187.0
 98 59.9 50.6 76.0

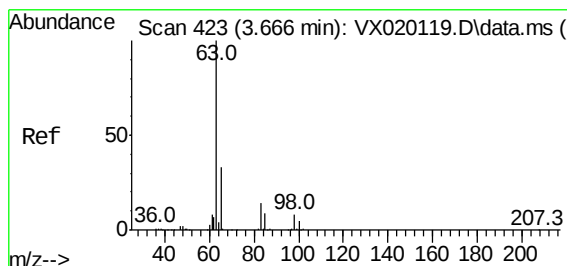
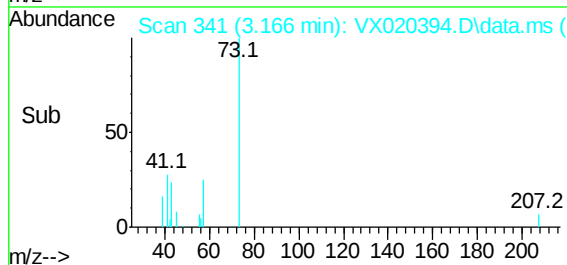
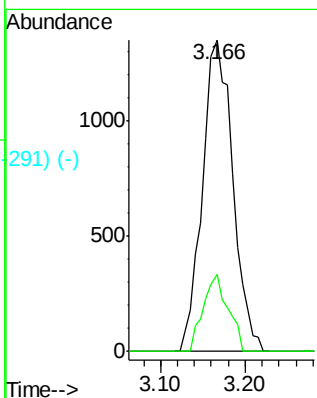
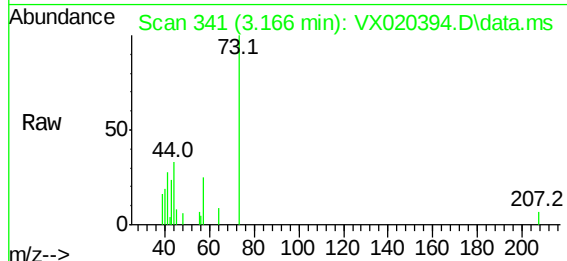




Methyl tert-butyl Ether
 Concen: 0.35 ug/l
 RT: 3.166 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VX020394.D
 Acq: 24 Dec 2020 17:43

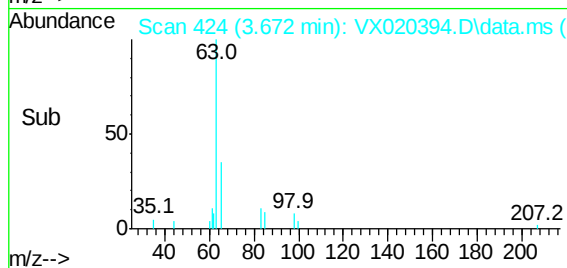
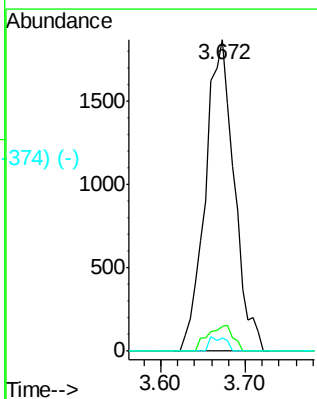
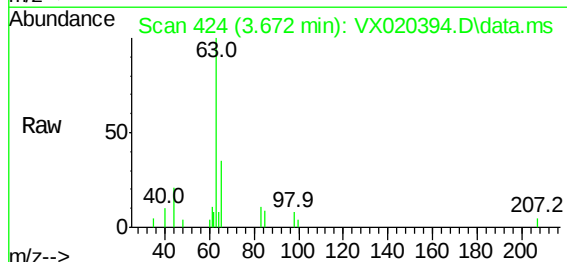
Instrument :
 MSVOA_X
 ClientSampleId :
 TT181S-20201215

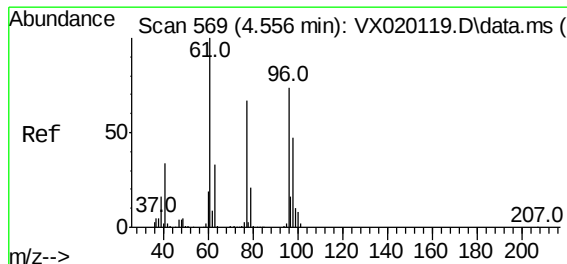
Tgt Ion: 73 Resp: 3264
 Ion Ratio Lower Upper
 73 100
 57 24.5 17.1 25.7



1,1-Dichloroethane
 Concen: 0.81 ug/l
 RT: 3.672 min Scan# 424
 Delta R.T. 0.006 min
 Lab File: VX020394.D
 Acq: 24 Dec 2020 17:43

Tgt Ion: 63 Resp: 4298
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.8 11.2
 100 4.1 2.5 7.5

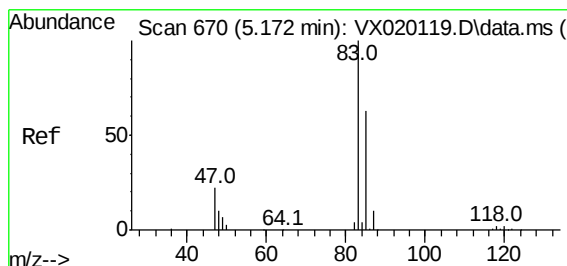
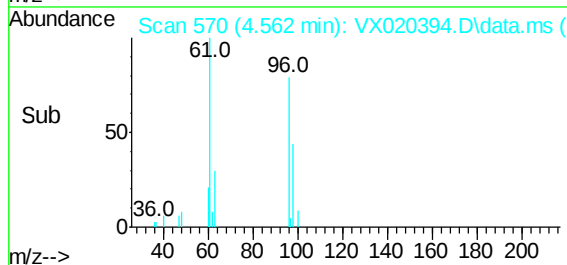
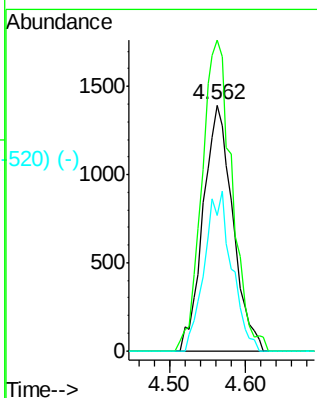
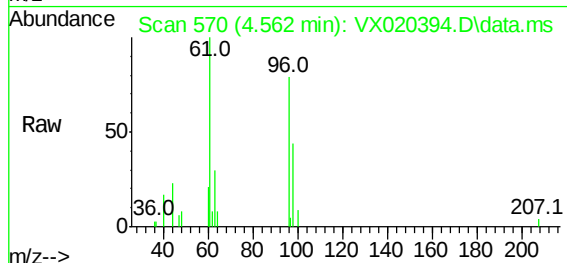




cis-1,2-Dichloroethene
 Concen: 1.10 ug/l
 RT: 4.562 min Scan# 570
 Delta R.T. 0.006 min
 Lab File: VX020394.D
 Acq: 24 Dec 2020 17:43

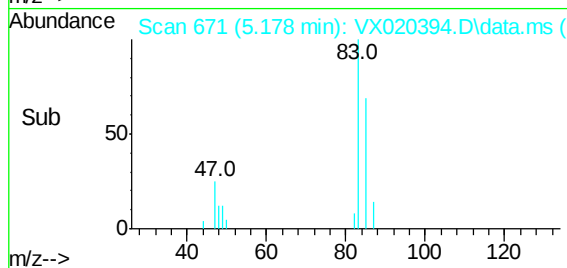
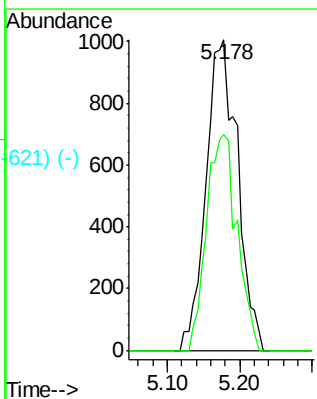
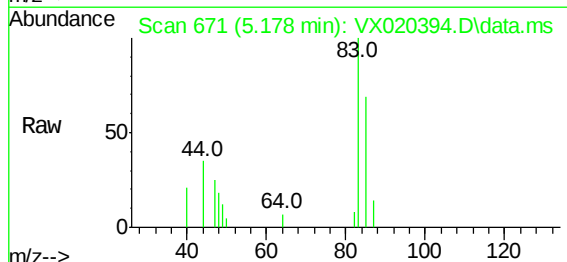
Instrument :
 MSVOA_X
 ClientSampleId :
 TT181S-20201215

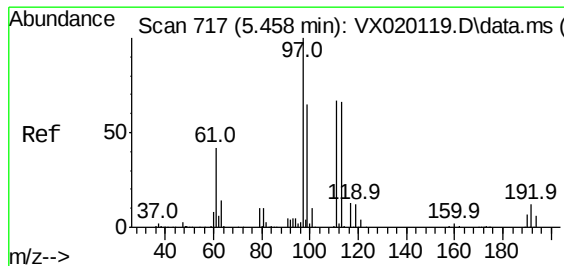
Tgt Ion:	96	Resp:	3741
Ion	Ratio	Lower	Upper
96	100		
61	128.9	0.0	285.6
98	60.5	0.0	129.6



Chloroform
 Concen: 0.56 ug/l
 RT: 5.178 min Scan# 671
 Delta R.T. 0.006 min
 Lab File: VX020394.D
 Acq: 24 Dec 2020 17:43

Tgt Ion:	83	Resp:	3022
Ion	Ratio	Lower	Upper
83	100		
85	69.4	52.0	78.0

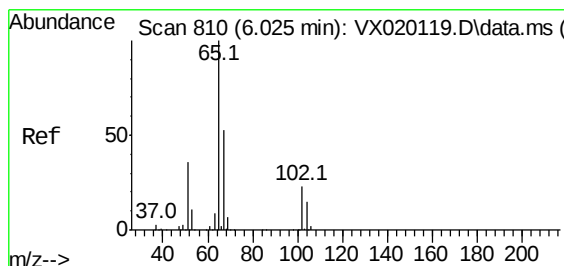
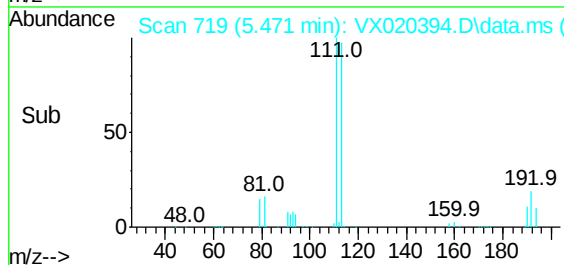
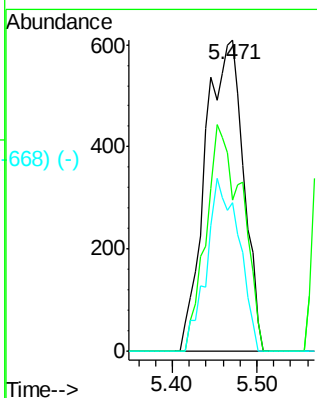
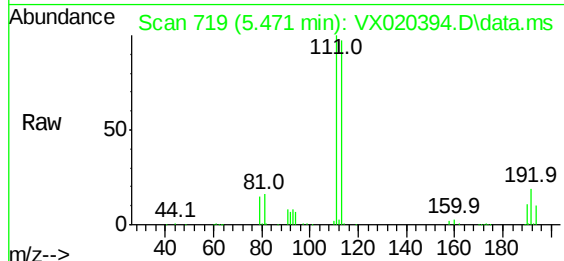




1,1,1-Trichloroethane
 Concen: 0.42 ug/l
 RT: 5.471 min Scan# 719
 Delta R.T. 0.013 min
 Lab File: VX020394.D
 Acq: 24 Dec 2020 17:43

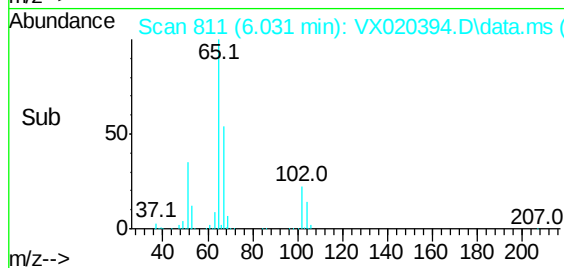
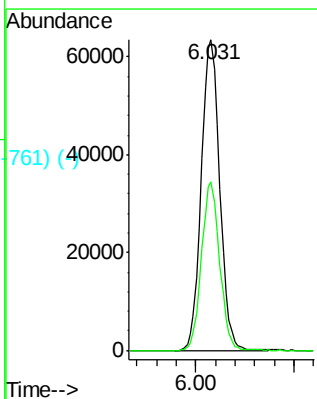
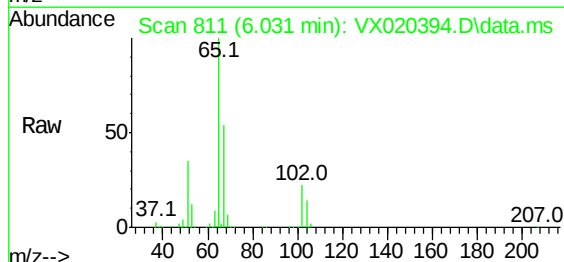
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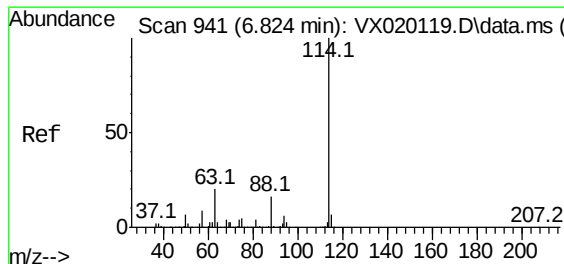
Tgt Ion: 97 Resp: 1871
 Ion Ratio Lower Upper
 97 100
 99 0.0 51.5 77.3#
 61 47.0 34.2 51.4



1,2-Dichloroethane-d4
 Concen: 50.96 ug/l
 RT: 6.031 min Scan# 811
 Delta R.T. 0.006 min
 Lab File: VX020394.D
 Acq: 24 Dec 2020 17:43

Tgt Ion: 65 Resp: 166235
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 105.4

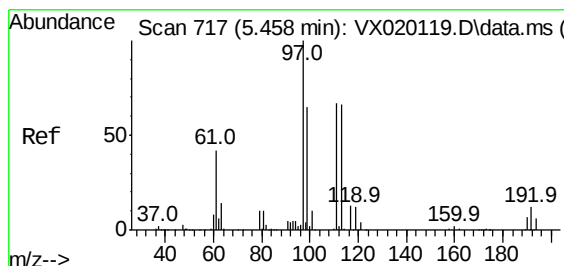
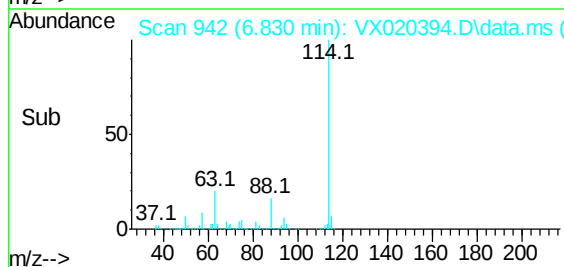
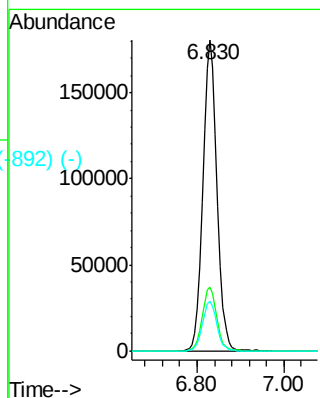
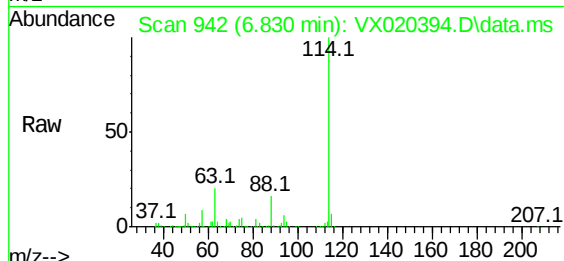




1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020394.D
Acq: 24 Dec 2020 17:43

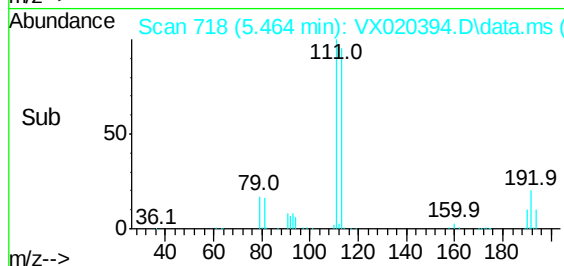
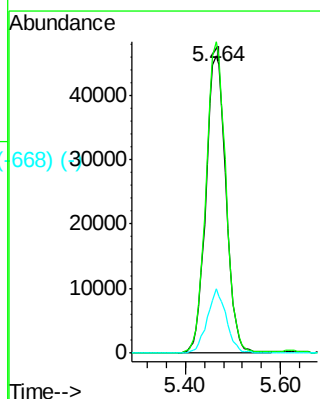
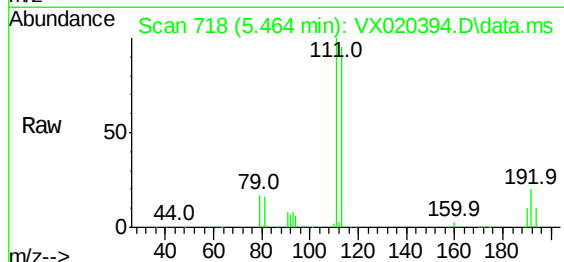
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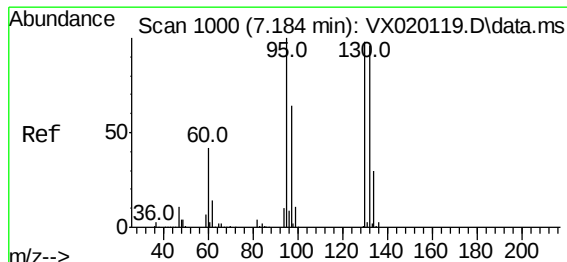
Tgt Ion:114 Resp: 410104
Ion Ratio Lower Upper
114 100
63 20.5 0.0 40.8
88 16.0 0.0 32.8



Dibromofluoromethane
Concen: 50.93 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020394.D
Acq: 24 Dec 2020 17:43

Tgt Ion:113 Resp: 133599
Ion Ratio Lower Upper
113 100
111 103.1 81.9 122.9
192 19.9 16.7 25.1

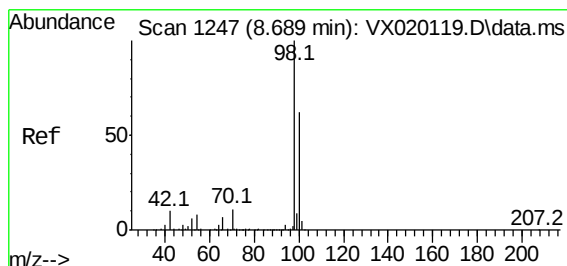
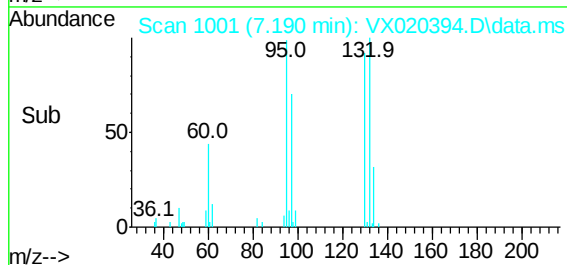
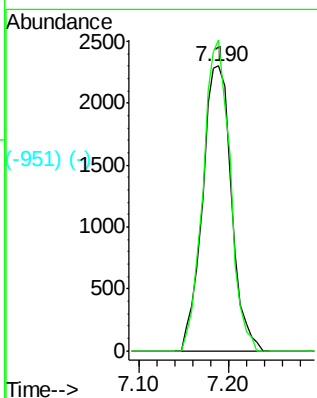
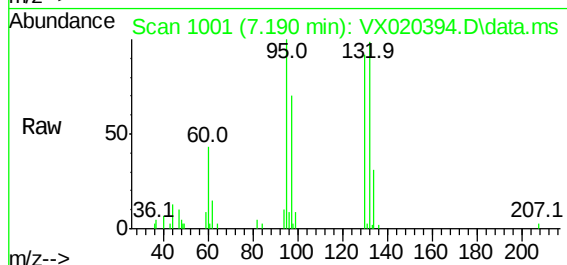




Trichloroethene
Concen: 1.59 ug/l
RT: 7.190 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VX020394.D
Acq: 24 Dec 2020 17:43

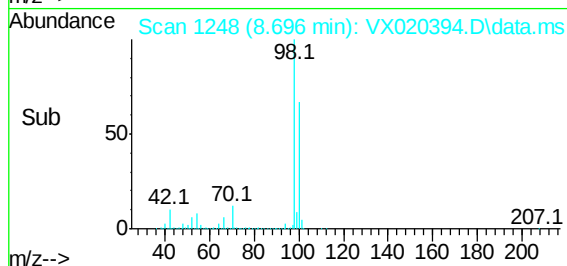
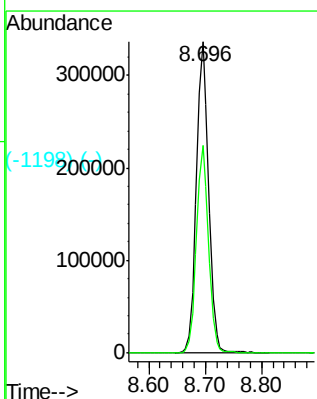
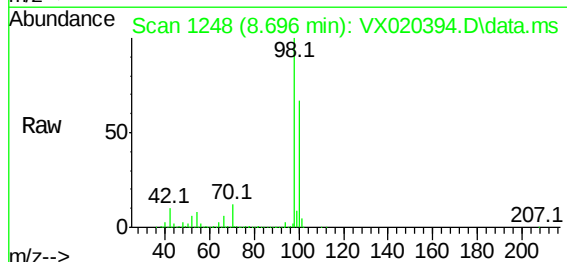
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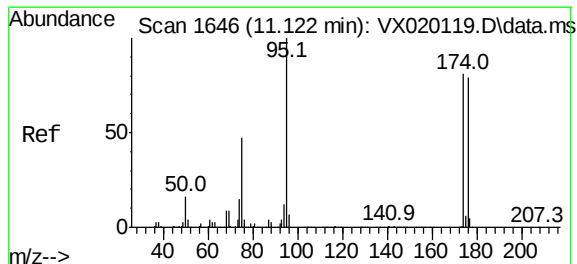
Tgt Ion:130 Resp: 5181
Ion Ratio Lower Upper
130 100
95 109.1 0.0 198.0



Toluene-d8
Concen: 49.85 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020394.D
Acq: 24 Dec 2020 17:43

Tgt Ion: 98 Resp: 503431
Ion Ratio Lower Upper
98 100
100 66.0 51.9 77.9

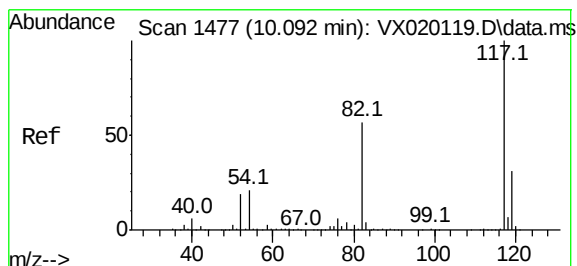
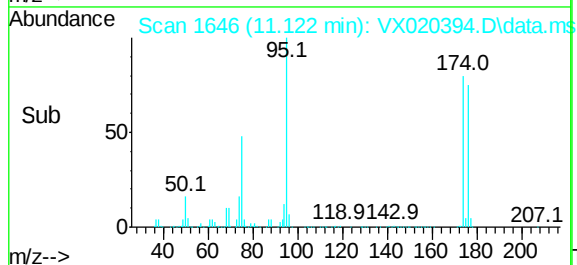
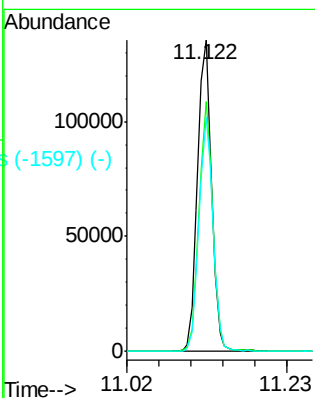
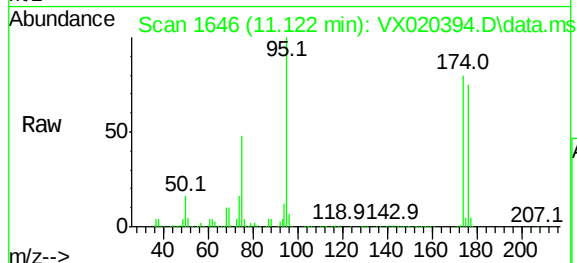




Scan 1646 (11.122 min): VX020119.D\data.ms (#639) (-)
 4-Bromofluorobenzene
 Concen: 44.54 ug/l
 RT: 11.122 min Scan# 1646
 Delta R.T. -0.000 min
 Lab File: VX020394.D
 Acq: 24 Dec 2020 17:43

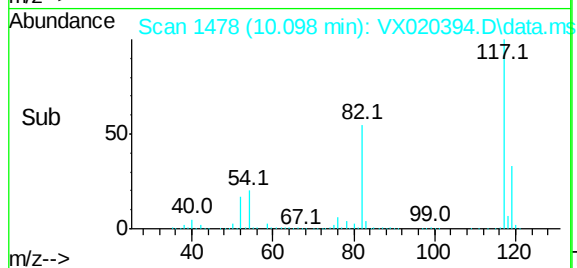
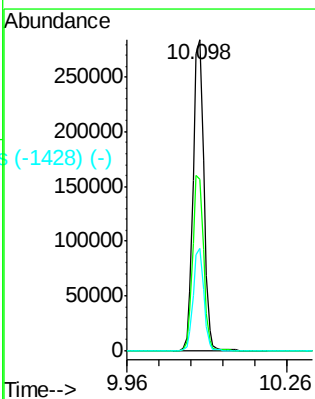
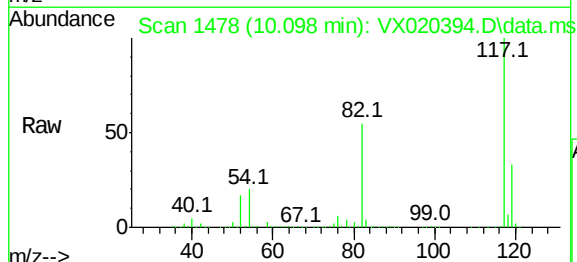
Instrument :
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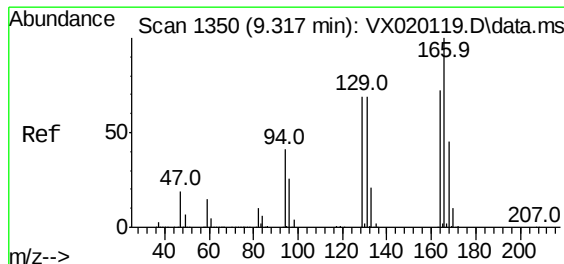
Tgt Ion:	95	Resp:	172156
Ion Ratio	Lower	Upper	
95	100		
174	78.6	0.0	154.6
176	74.5	0.0	155.8



Scan 1478 (10.098 min): VX020119.D\data.ms (#640) (-)
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 10.098 min Scan# 1478
 Delta R.T. 0.006 min
 Lab File: VX020394.D
 Acq: 24 Dec 2020 17:43

Tgt Ion:	117	Resp:	384224
Ion Ratio	Lower	Upper	
117	100		
82	55.2	47.4	71.2
119	32.7	26.6	39.8



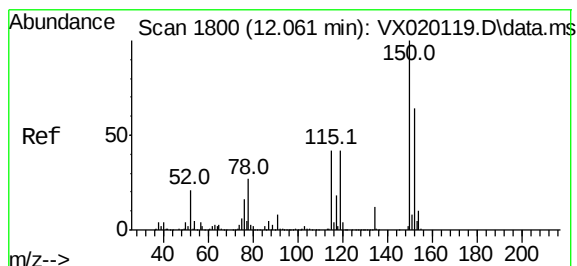
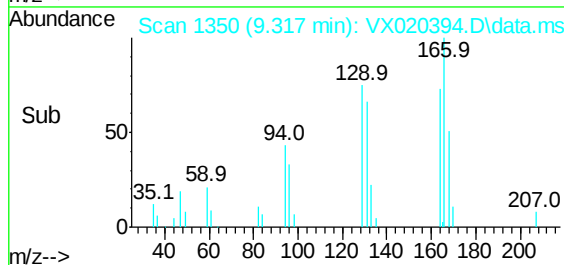
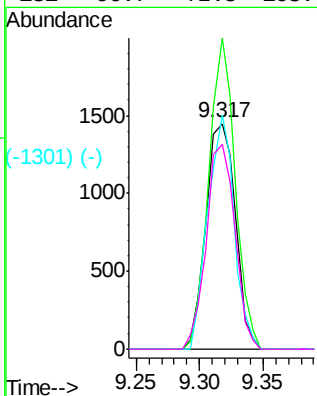
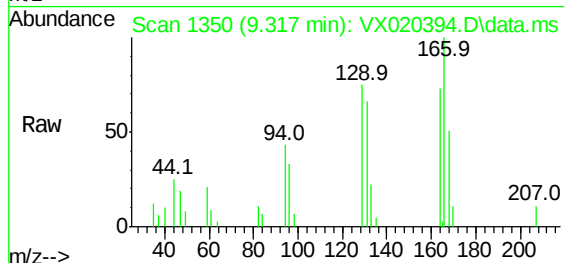


#642 (-)
Tetrachloroethene
Concen: 0.79 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VX020394.D
Acq: 24 Dec 2020 17:43

Instrument :
MSVOA_X
ClientSampleId :
TT181S-20201215

Tgt Ion:164 Resp: 2278

Ion	Ratio	Lower	Upper
164	100		
166	137.9	103.4	155.2
129	103.7	70.8	106.2
131	90.7	72.5	108.7



#1794 (-)
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020394.D
Acq: 24 Dec 2020 17:43

Tgt Ion:152 Resp: 162102

Ion	Ratio	Lower	Upper
152	100		
115	59.5	41.1	123.3
150	157.4	0.0	349.0

