

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121820\
 Data File : VX020154.D
 Acq On : 19 Dec 2020 07:01
 Operator : JC/MD
 Sample : L5053-15 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP0420201210

Quant Time: Dec 21 00:12:12 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)

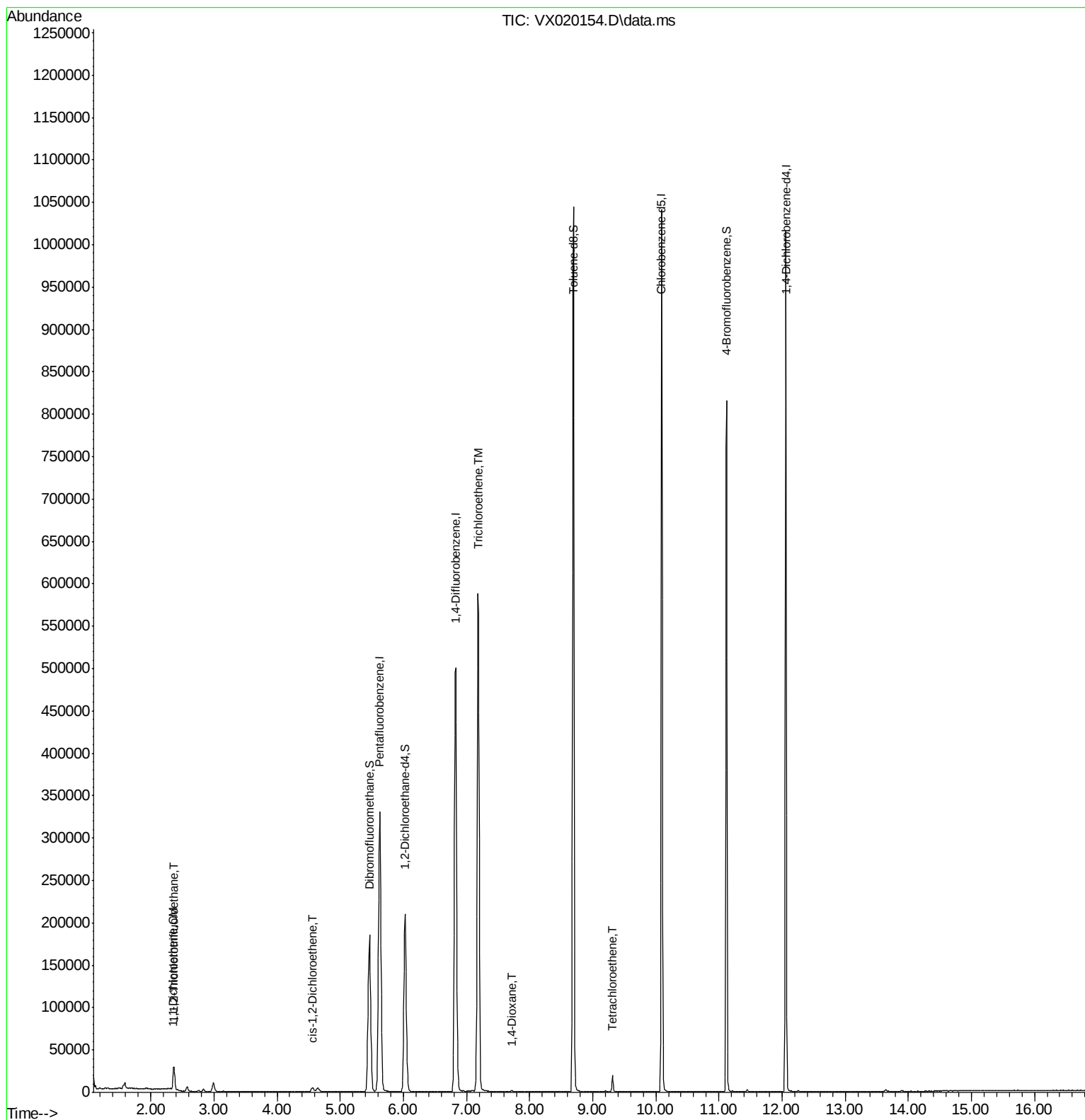
Internal Standards						
1) Pentafluorobenzene	5.629	168	312931	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	516910	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	481210	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	211262	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	201614	48.06	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	=	96.12%	
35) Dibromofluoromethane	5.464	113	163310	49.39	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	=	98.78%	
50) Toluene-d8	8.695	98	630830	49.56	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	=	99.12%	
62) 4-Bromofluorobenzene	11.122	95	226810	46.56	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	=	93.12%	
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.367	101	9362	3.00	ug/l	99
12) 1,1-Dichloroethene	2.355	96	2268	0.71	ug/l	92
27) cis-1,2-Dichloroethene	4.556	96	3447	0.79	ug/l	97
44) Trichloroethene	7.184	130	230668	56.11	ug/l	99
49) 1,4-Dioxane	7.714	88	483	5.02	ug/l #	81
64) Tetrachloroethene	9.317	164	3706	1.02	ug/l	92

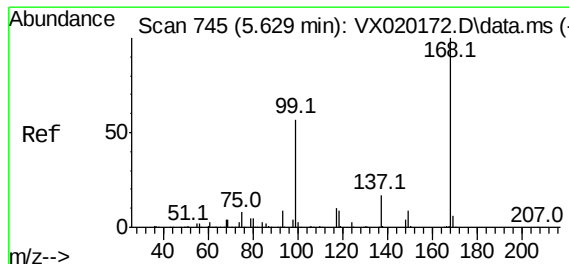
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

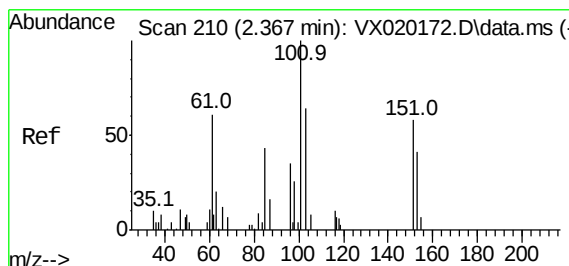
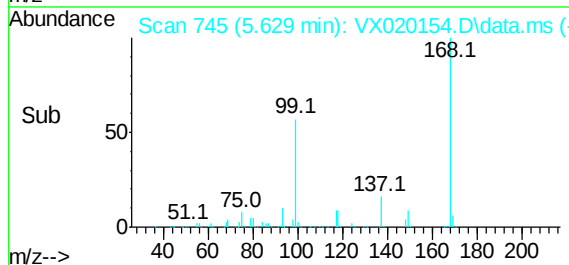
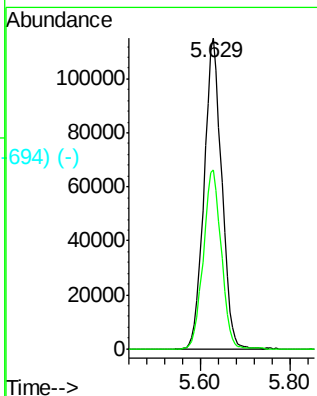
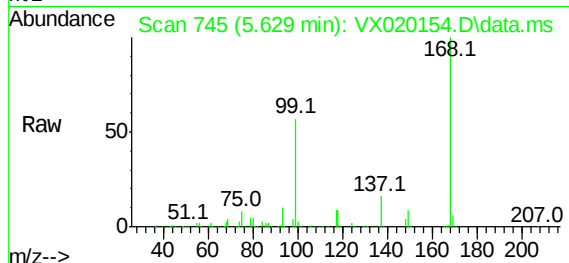




Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 5.629 min Scan# 745
 Delta R.T. 0.012 min
 Lab File: VX020154.D
 Acq: 19 Dec 2020 07:01

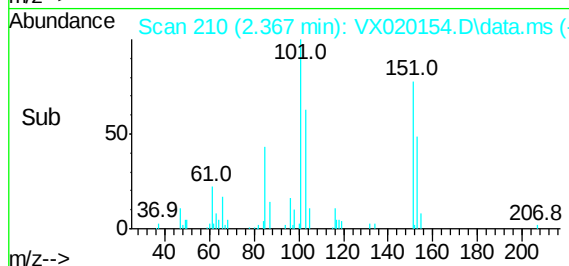
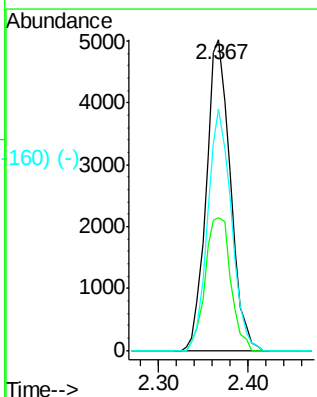
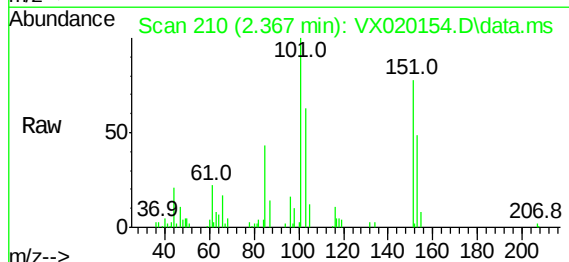
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP0420201210

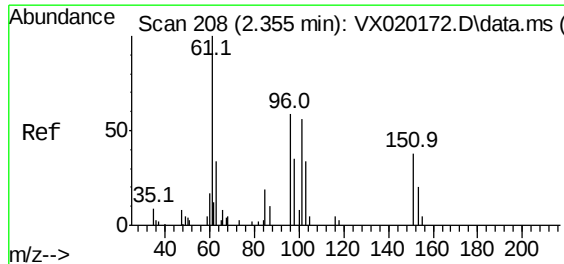
Tgt Ion:	168	Resp:	312931
Ion Ratio	Lower	Upper	
168	100		
99	57.5	45.8	68.6



1,1,2-Trichlorotrifluoroethane
 Concen: 3.00 ug/l
 RT: 2.367 min Scan# 210
 Delta R.T. 0.006 min
 Lab File: VX020154.D
 Acq: 19 Dec 2020 07:01

Tgt Ion:	101	Resp:	9362
Ion Ratio	Lower	Upper	
101	100		
85	45.4	34.9	52.3
151	76.4	61.4	92.2

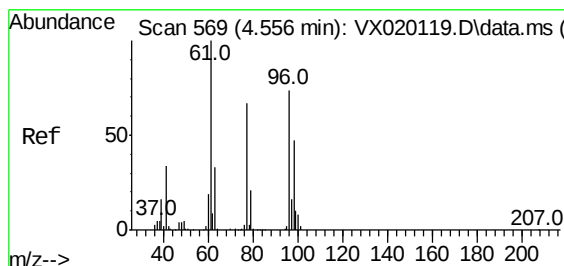
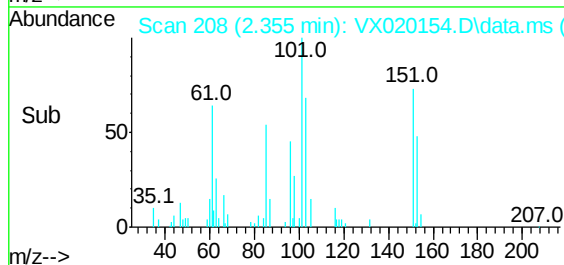
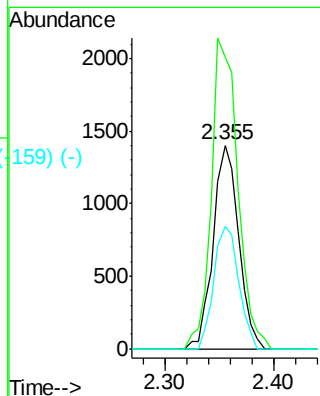
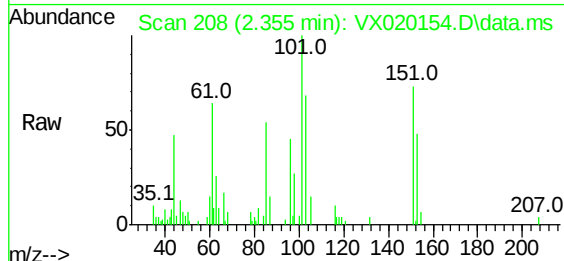




1,1-Dichloroethene
 Concen: 0.71 ug/l
 RT: 2.355 min Scan# 208
 Delta R.T. 0.000 min
 Lab File: VX020154.D
 Acq: 19 Dec 2020 07:01

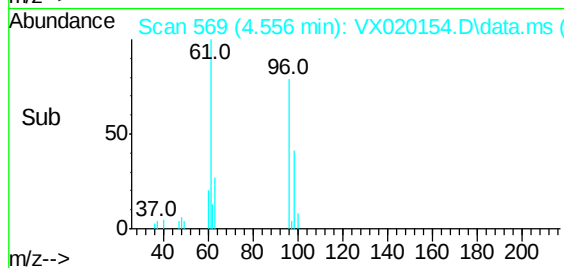
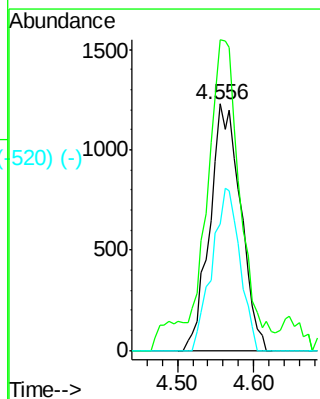
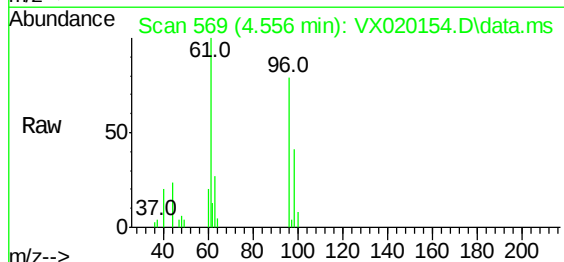
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP0420201210

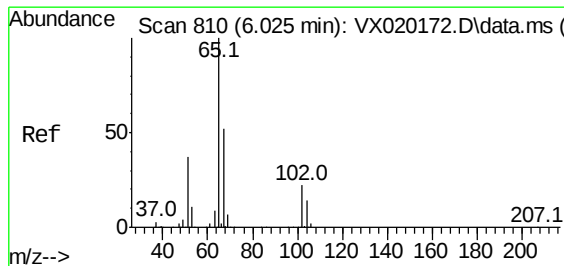
Tgt Ion: 96 Resp: 2268
 Ion Ratio Lower Upper
 96 100
 61 143.4 124.6 187.0
 98 60.4 50.6 76.0



cis-1,2-Dichloroethene
 Concen: 0.79 ug/l
 RT: 4.556 min Scan# 569
 Delta R.T. -0.000 min
 Lab File: VX020154.D
 Acq: 19 Dec 2020 07:01

Tgt Ion: 96 Resp: 3447
 Ion Ratio Lower Upper
 96 100
 61 143.8 0.0 285.6
 98 59.5 0.0 129.6

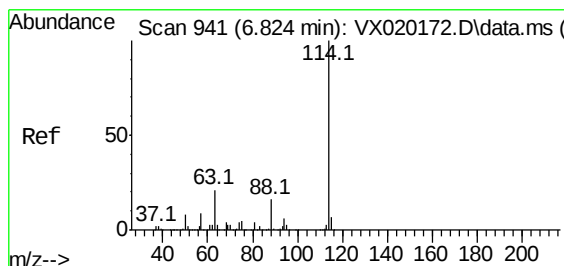
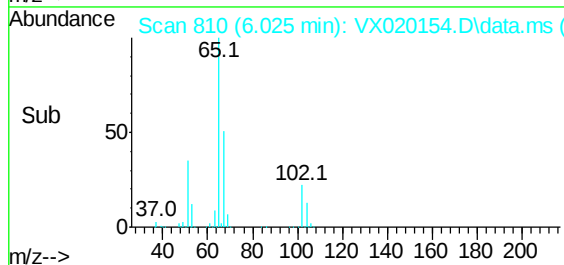
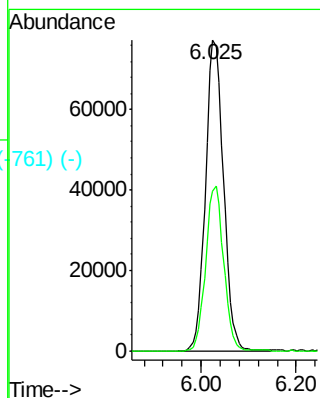
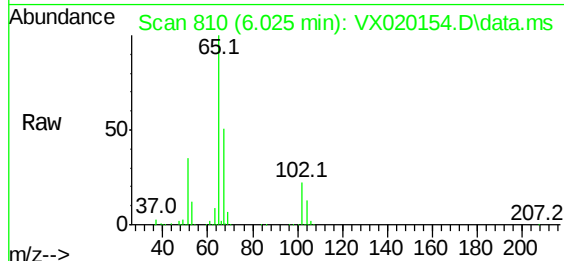




1,2-Dichloroethane-d4
Concen: 48.06 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX020154.D
Acq: 19 Dec 2020 07:01

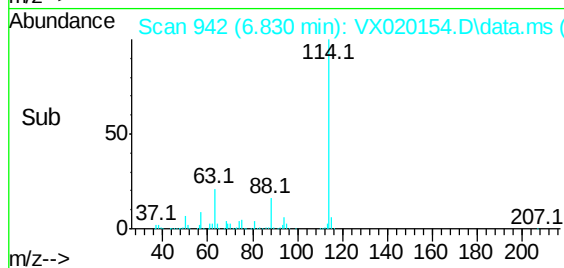
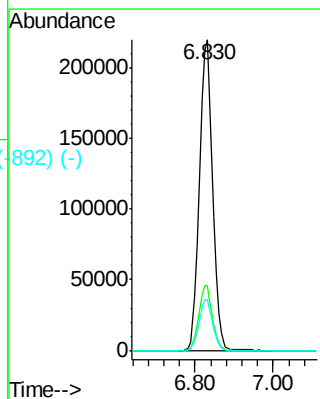
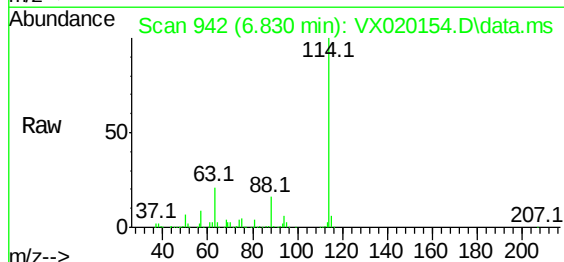
Instrument :
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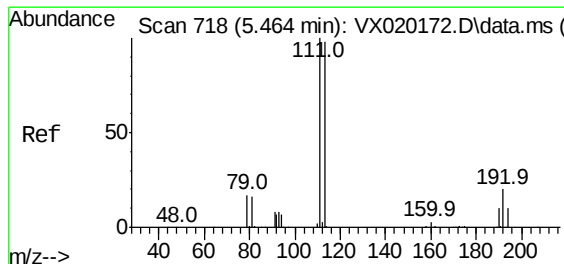
Tgt Ion: 65 Resp: 201614
Ion Ratio Lower Upper
65 100
67 52.9 0.0 105.4



1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020154.D
Acq: 19 Dec 2020 07:01

Tgt Ion: 114 Resp: 516910
Ion Ratio Lower Upper
114 100
63 20.9 0.0 40.8
88 16.5 0.0 32.8

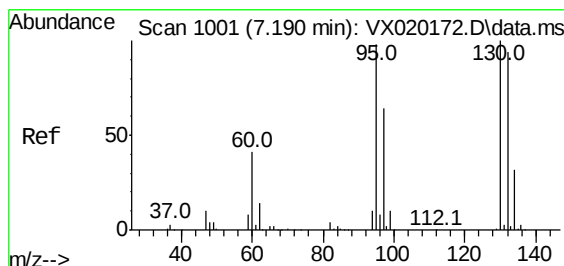
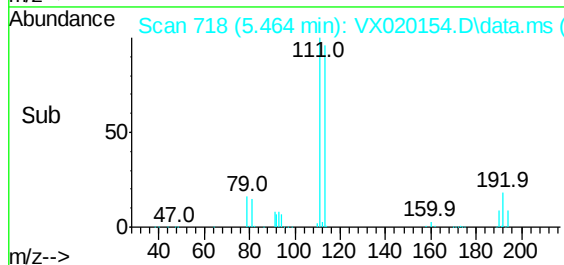
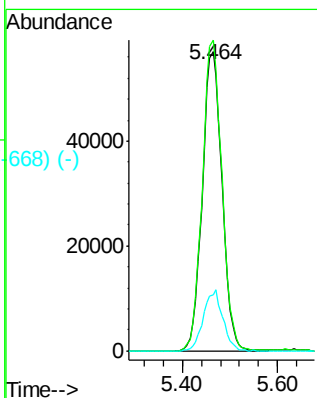
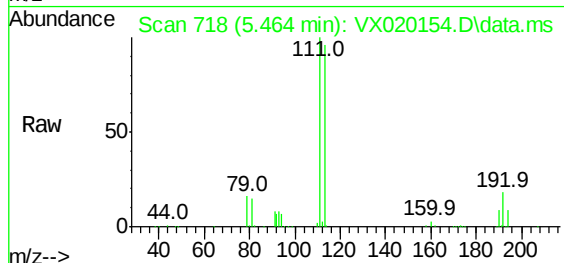




Dibromofluoromethane
Concen: 49.39 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020154.D
Acq: 19 Dec 2020 07:01

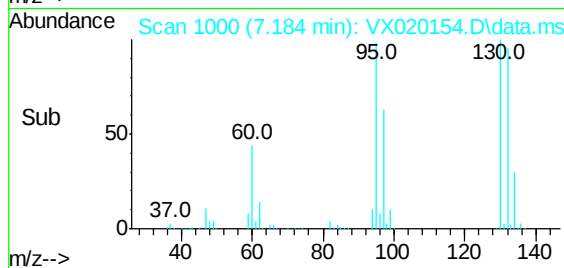
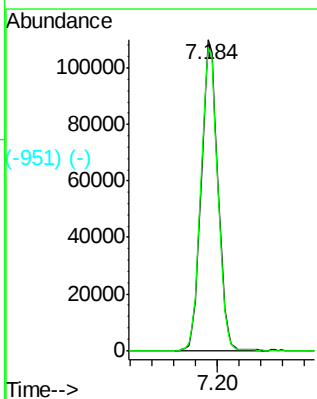
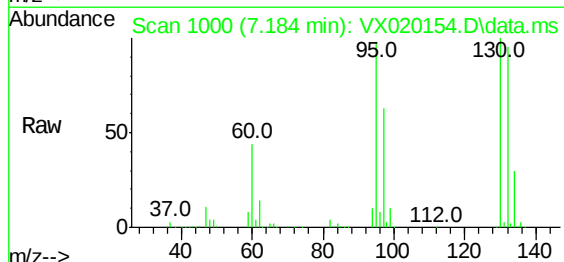
Instrument :
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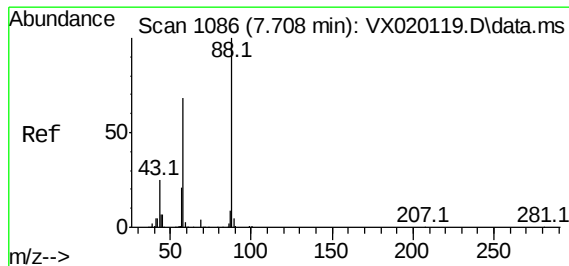
Tgt Ion:113 Resp: 163310
Ion Ratio Lower Upper
113 100
111 102.6 81.9 122.9
192 19.8 16.7 25.1



Trichloroethene
Concen: 56.11 ug/l
RT: 7.184 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VX020154.D
Acq: 19 Dec 2020 07:01

Tgt Ion:130 Resp: 230668
Ion Ratio Lower Upper
130 100
95 97.7 0.0 198.0

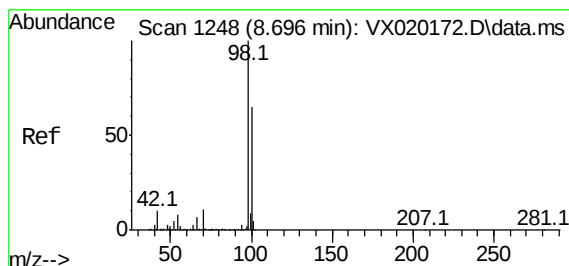
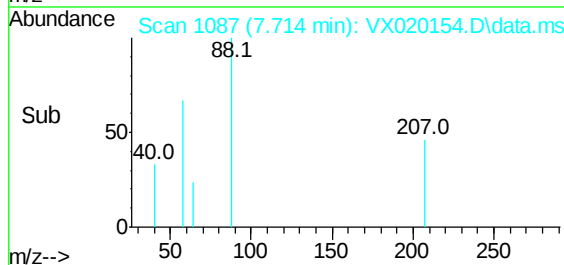
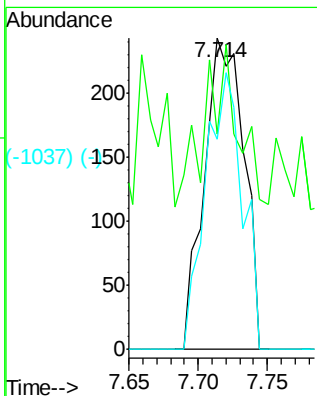
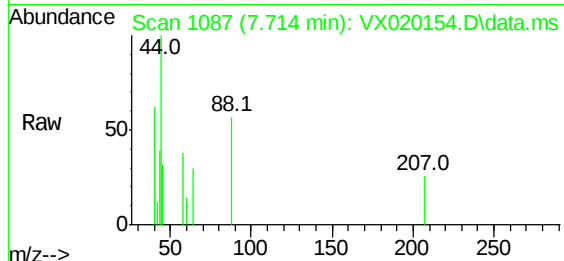




(-1099) (-)
1,4-Dioxane
Concen: 5.02 ug/l
RT: 7.714 min Scan# 1087
Delta R.T. 0.006 min
Lab File: VX020154.D
Acq: 19 Dec 2020 07:01

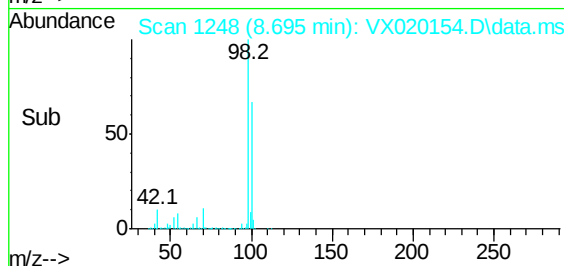
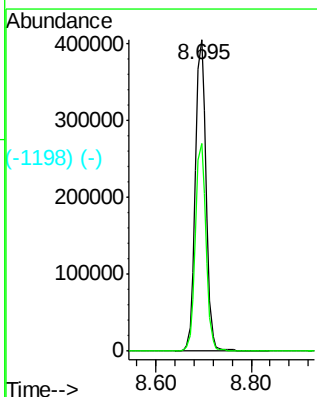
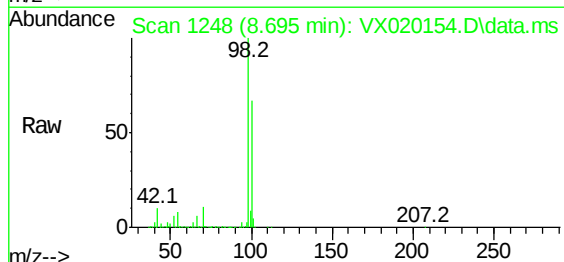
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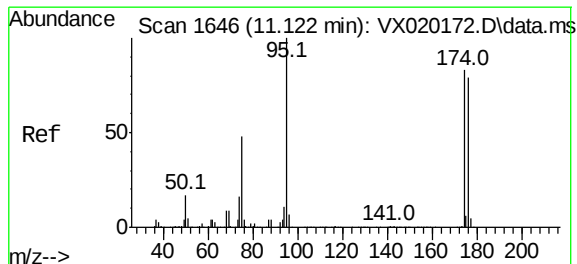
Tgt Ion: 88 Resp: 483
Ion Ratio Lower Upper
88 100
43 40.6 23.2 34.8#
58 83.0 55.0 82.4#



(-1299) (-)
Toluene-d8
Concen: 49.56 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.006 min
Lab File: VX020154.D
Acq: 19 Dec 2020 07:01

Tgt Ion: 98 Resp: 630830
Ion Ratio Lower Upper
98 100
100 66.3 51.9 77.9

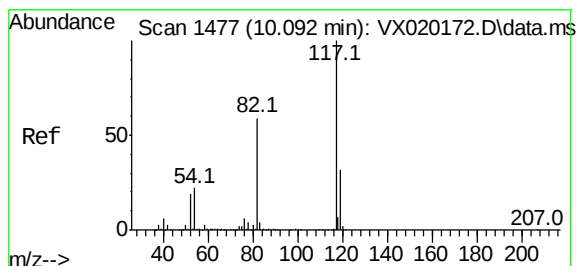
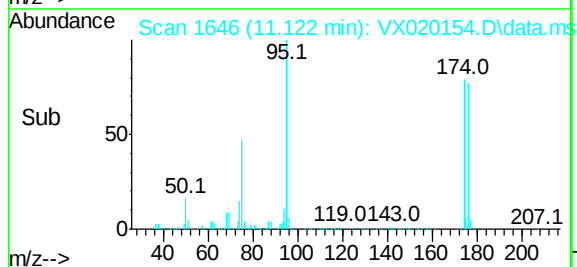
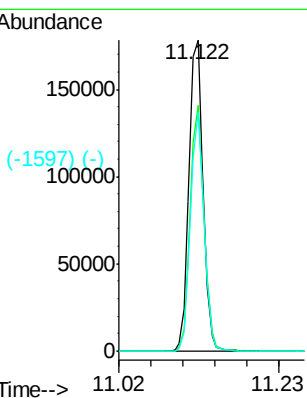
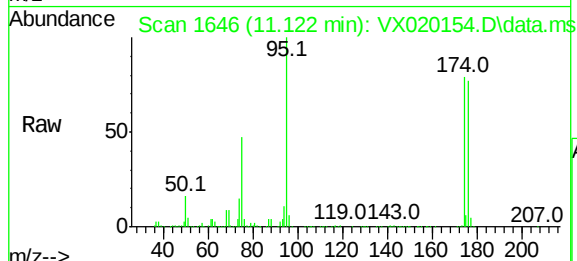




Scan 1646 (11.122 min): VX020172.D\data.ms
 #639 (-)
 4-Bromofluorobenzene
 Concen: 46.56 ug/l
 RT: 11.122 min Scan# 1646
 Delta R.T. -0.000 min
 Lab File: VX020154.D
 Acq: 19 Dec 2020 07:01

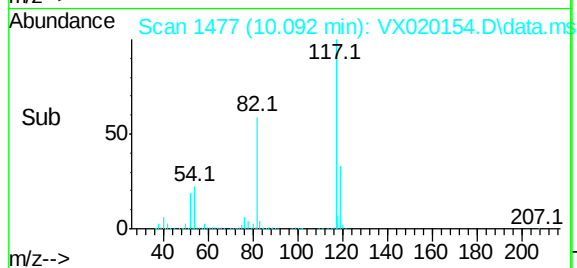
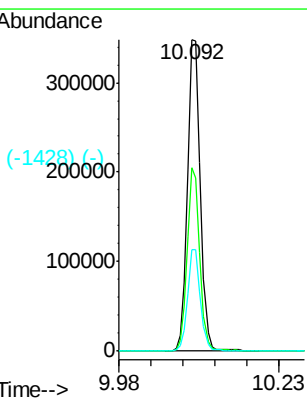
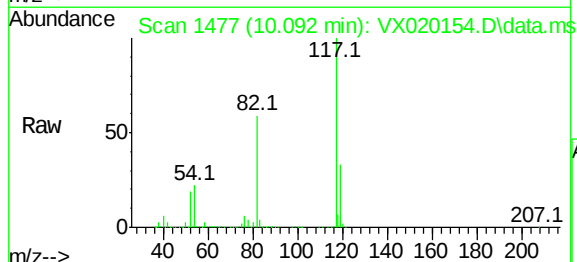
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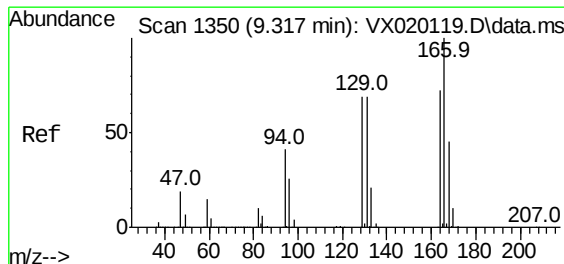
Tgt Ion:	95	Resp:	226810
Ion Ratio	Lower	Upper	
95	100		
174	77.7	0.0	154.6
176	74.6	0.0	155.8



Scan 1477 (10.092 min): VX020172.D\data.ms
 #640 (-)
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 10.092 min Scan# 1477
 Delta R.T. -0.000 min
 Lab File: VX020154.D
 Acq: 19 Dec 2020 07:01

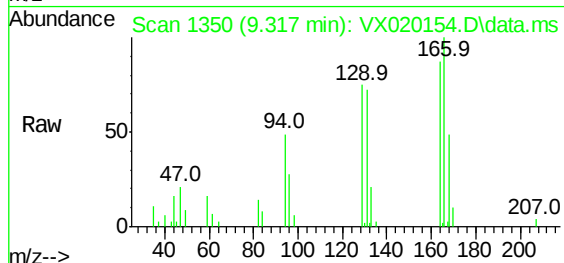
Tgt Ion:	117	Resp:	481210
Ion Ratio	Lower	Upper	
117	100		
82	58.9	47.4	71.2
119	32.6	26.6	39.8





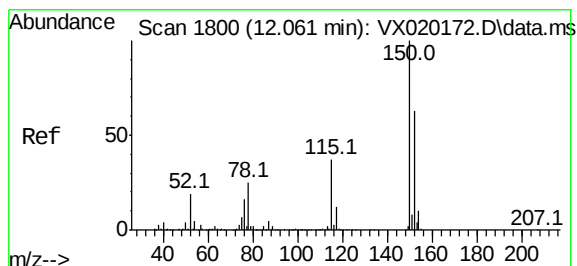
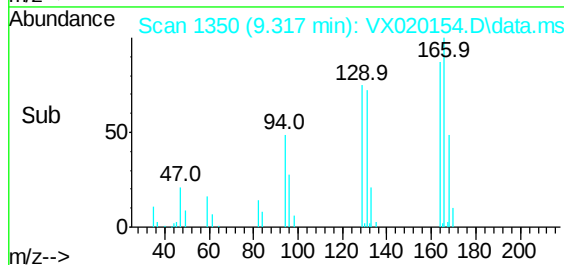
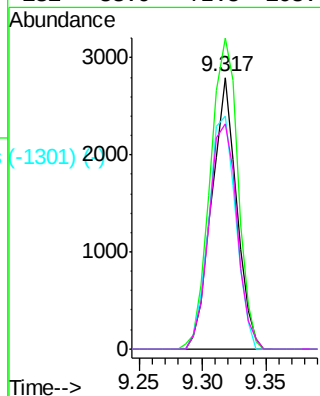
#642 (-)
Tetrachloroethene
Concen: 1.02 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VX020154.D
Acq: 19 Dec 2020 07:01

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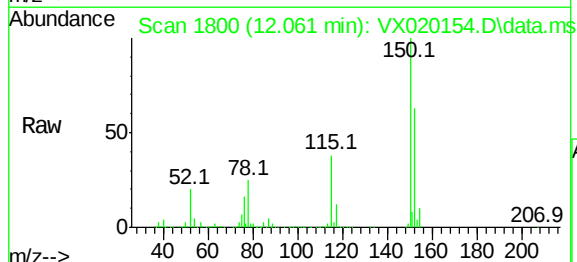


Tgt Ion:164 Resp: 3706

Ion	Ratio	Lower	Upper
164	100		
166	114.6	103.4	155.2
129	85.9	70.8	106.2
131	83.0	72.5	108.7



#1723 (-)
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020154.D
Acq: 19 Dec 2020 07:01



Tgt Ion:152 Resp: 211262

Ion	Ratio	Lower	Upper
152	100		
115	60.5	41.1	123.3
150	158.0	0.0	349.0

