

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\WX122420\
 Data File : VX020383.D
 Acq On : 24 Dec 2020 13:25
 Operator : JC/MD
 Sample : L5124-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE139D1-20201214

Quant Time: Dec 25 01:12:14 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)

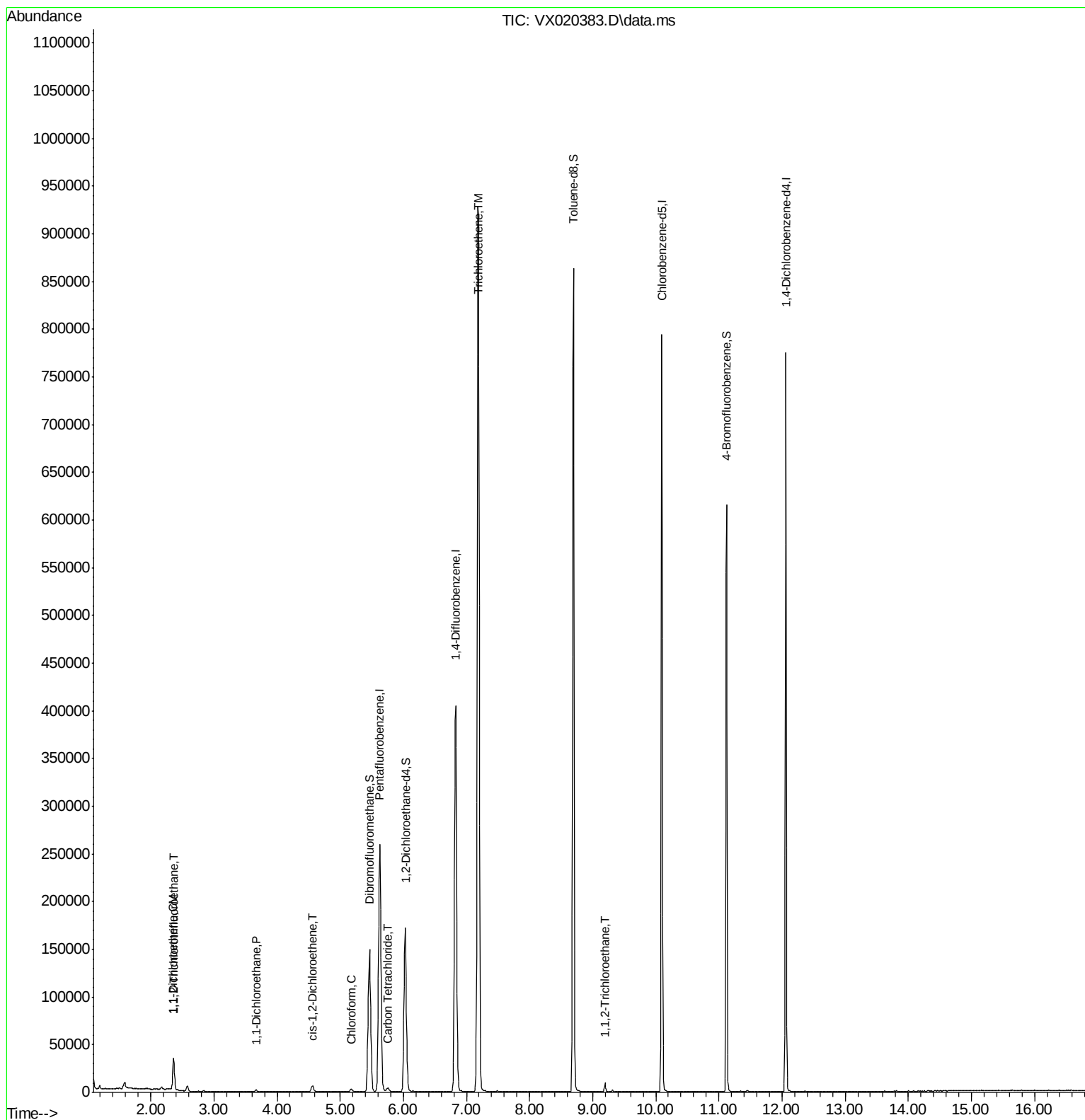
Internal Standards						
1) Pentafluorobenzene	5.629	168	242928	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	411109	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	376080	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	157234	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	164422	50.49	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	=	100.98%	
35) Dibromofluoromethane	5.465	113	131240	49.90	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	=	99.80%	
50) Toluene-d8	8.696	98	501378	49.53	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	=	99.06%	
62) 4-Bromofluorobenzene	11.122	95	167233	43.16	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	=	86.32%	
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.361	101	7889	3.25	ug/l	97
12) 1,1-Dichloroethene	2.355	96	5894	2.38	ug/l	92
24) 1,1-Dichloroethane	3.672	63	2270	0.43	ug/l	96
27) cis-1,2-Dichloroethene	4.562	96	4141	1.22	ug/l	90
30) Chloroform	5.178	83	3538	0.66	ug/l	94
38) Carbon Tetrachloride	5.751	117	3528	0.91	ug/l	90
44) Trichloroethene	7.190	130	366466	112.09	ug/l	100
55) 1,1,2-Trichloroethane	9.196	97	2693	0.85	ug/l #	92

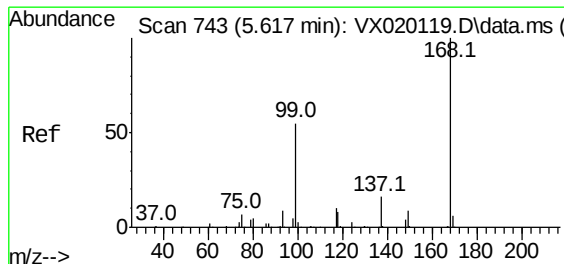
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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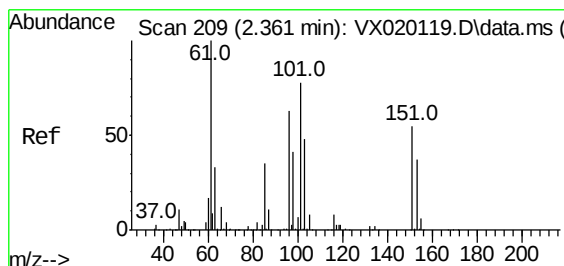
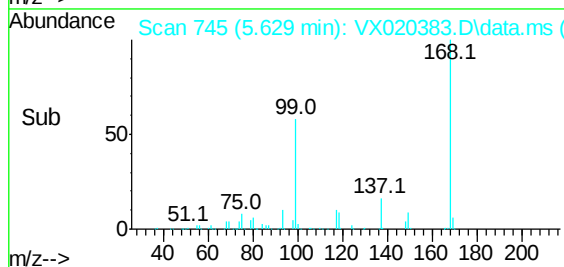
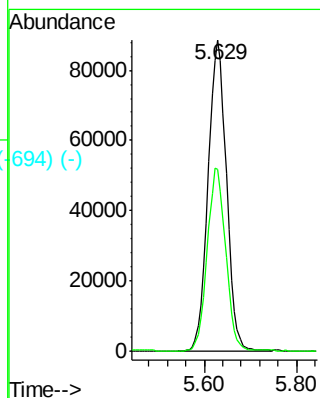
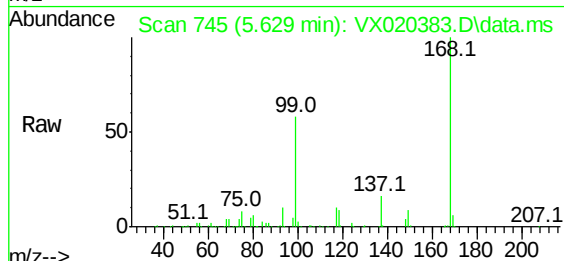




Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020383.D
Acq: 24 Dec 2020 13:25

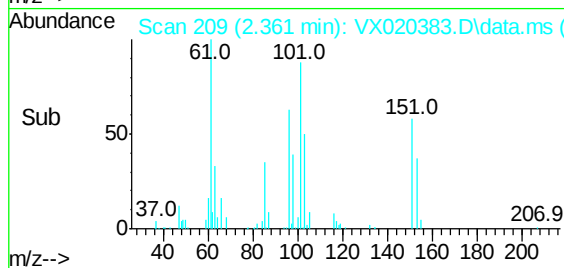
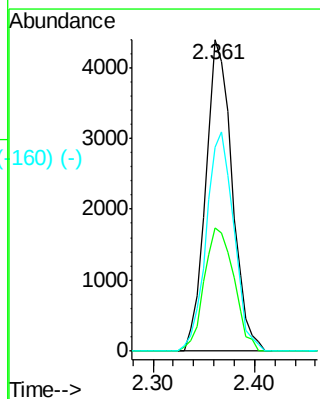
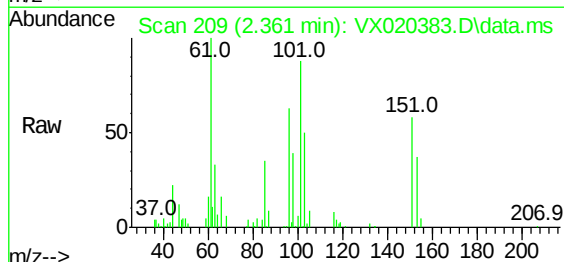
Instrument :
MSVOA_X
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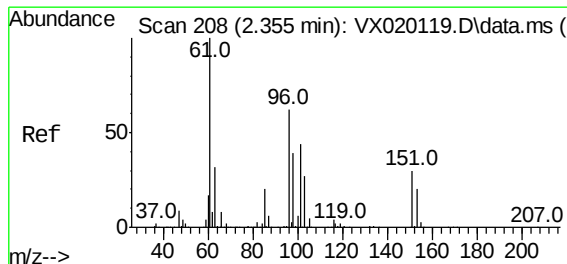
Tgt Ion:168 Resp: 242928
Ion Ratio Lower Upper
168 100
99 58.5 45.8 68.6



1,1,2-Trichlorotrifluoroethane
Concen: 3.25 ug/l
RT: 2.361 min Scan# 209
Delta R.T. 0.000 min
Lab File: VX020383.D
Acq: 24 Dec 2020 13:25

Tgt Ion:101 Resp: 7889
Ion Ratio Lower Upper
101 100
85 44.4 34.9 52.3
151 73.3 61.4 92.2

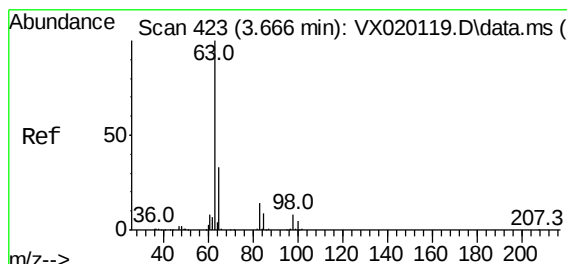
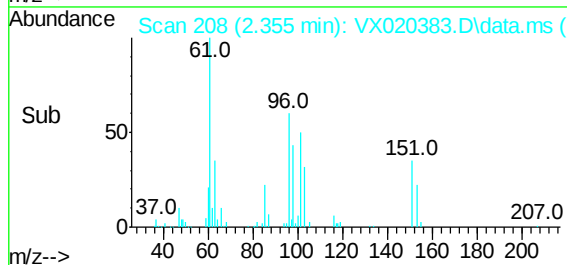
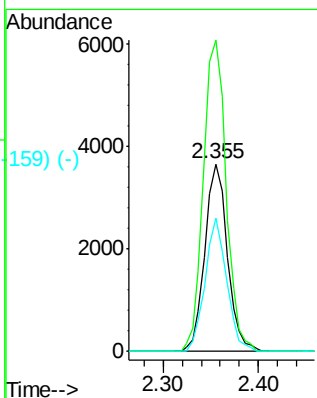
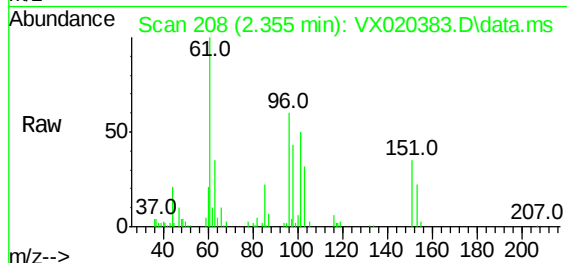




Scan 208 (2.355 min): VX020119.D\data.ms (-159) (-)
 1,1-Dichloroethene
 Concen: 2.38 ug/l
 RT: 2.355 min Scan# 208
 Delta R.T. 0.000 min
 Lab File: VX020383.D
 Acq: 24 Dec 2020 13:25

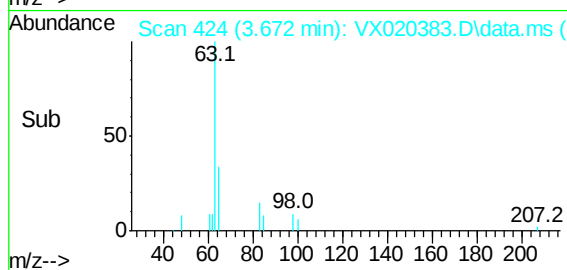
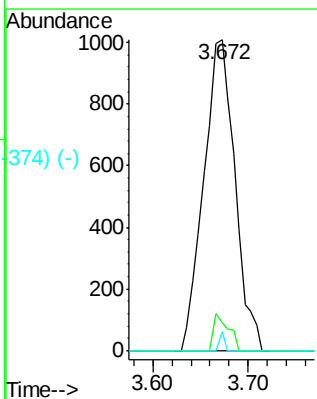
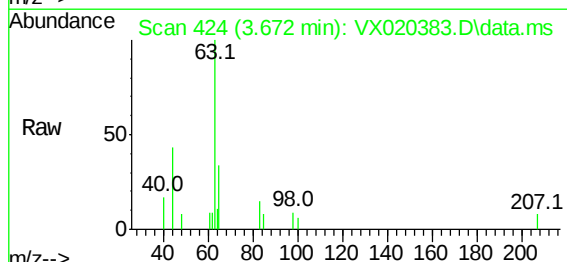
Instrument :
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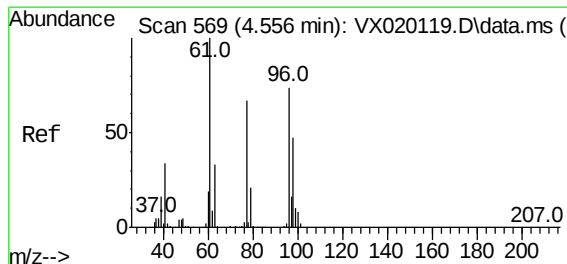
Tgt Ion:	96	Resp:	5894
Ion	Ratio	Lower	Upper
96	100		
61	166.1	124.6	187.0
98	70.7	50.6	76.0



Scan 423 (3.666 min): VX020119.D\data.ms (-424) (-)
 1,1-Dichloroethane
 Concen: 0.43 ug/l
 RT: 3.672 min Scan# 424
 Delta R.T. 0.006 min
 Lab File: VX020383.D
 Acq: 24 Dec 2020 13:25

Tgt Ion:	63	Resp:	2270
Ion	Ratio	Lower	Upper
63	100		
98	8.8	3.8	11.2
100	6.1	2.5	7.5

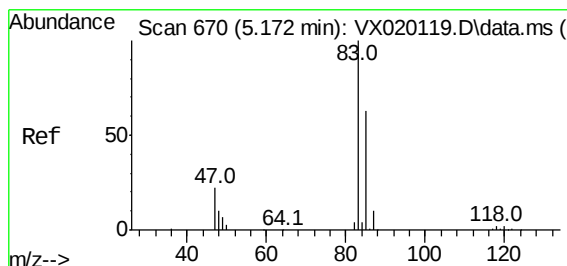
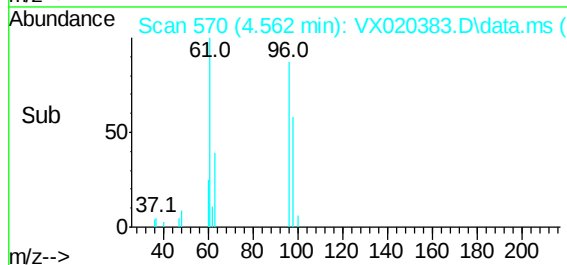
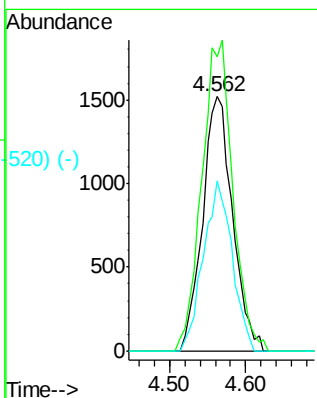
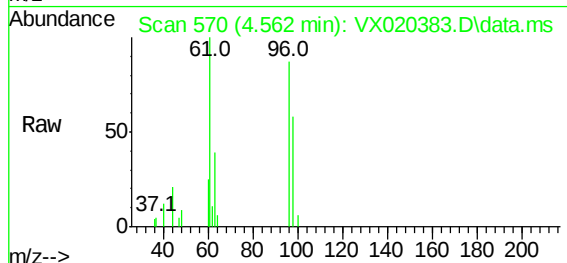




#27 (-)
 cis-1,2-Dichloroethene
 Concen: 1.22 ug/l
 RT: 4.562 min Scan# 570
 Delta R.T. 0.006 min
 Lab File: VX020383.D
 Acq: 24 Dec 2020 13:25

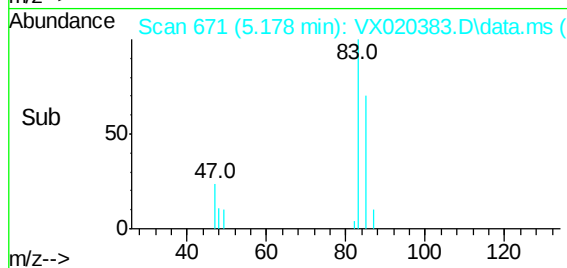
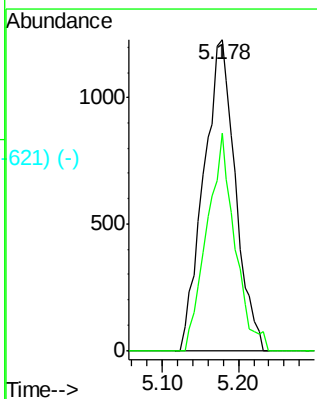
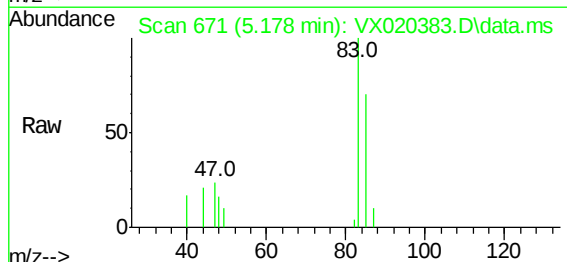
Instrument :
 MSVOA_X
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 RE139D1-20201214

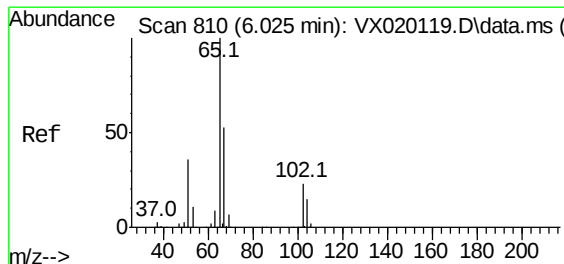
Tgt Ion:	96	Resp:	4141
Ion	Ratio	Lower	Upper
96	100		
61	126.1	0.0	285.6
98	63.8	0.0	129.6



#69 (-)
 Chloroform
 Concen: 0.66 ug/l
 RT: 5.178 min Scan# 671
 Delta R.T. 0.006 min
 Lab File: VX020383.D
 Acq: 24 Dec 2020 13:25

Tgt Ion:	83	Resp:	3538
Ion	Ratio	Lower	Upper
83	100		
85	69.8	52.0	78.0

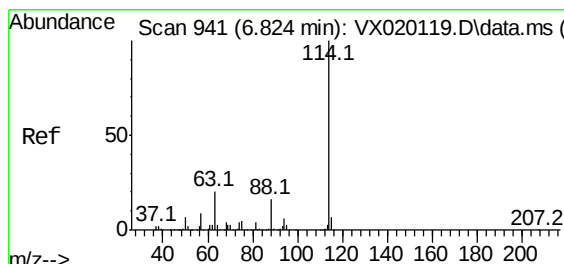
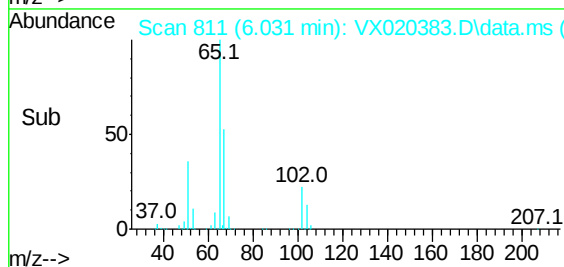
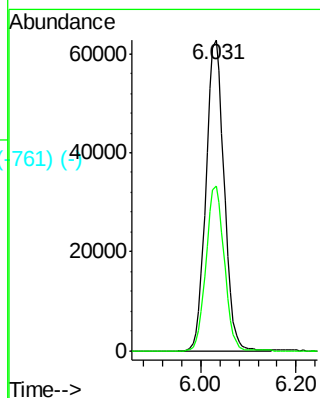
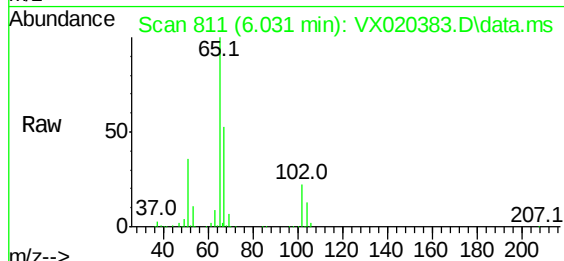




Scan 810 (6.025 min): VX020119.D\data.ms (-753) (-)
 1,2-Dichloroethane-d4
 Concen: 50.49 ug/l
 RT: 6.031 min Scan# 811
 Delta R.T. 0.006 min
 Lab File: VX020383.D
 Acq: 24 Dec 2020 13:25

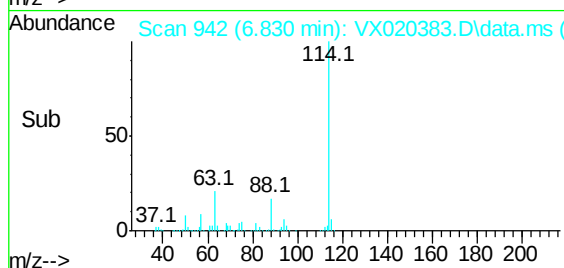
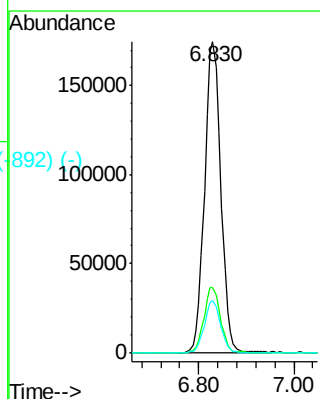
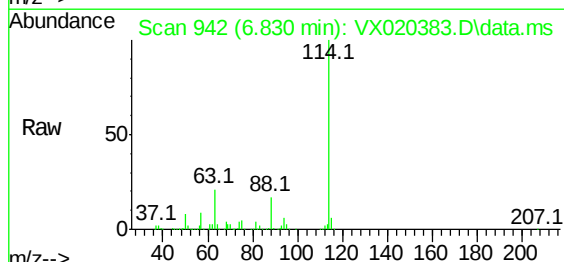
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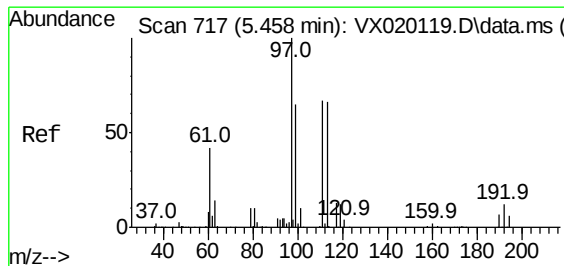
Tgt Ion: 65 Resp: 164422
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 105.4



Scan 941 (6.824 min): VX020119.D\data.ms (-954) (-)
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.830 min Scan# 942
 Delta R.T. 0.006 min
 Lab File: VX020383.D
 Acq: 24 Dec 2020 13:25

Tgt Ion: 114 Resp: 411109
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 40.8
 88 16.8 0.0 32.8

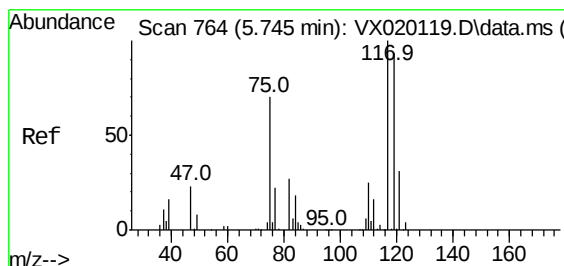
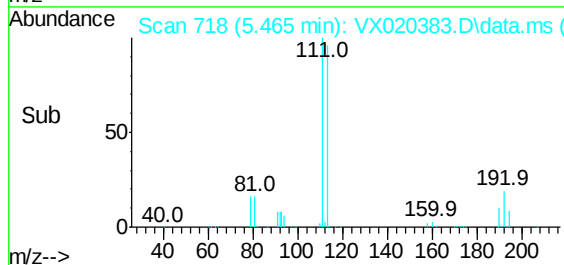
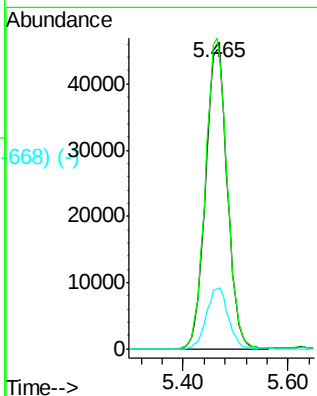
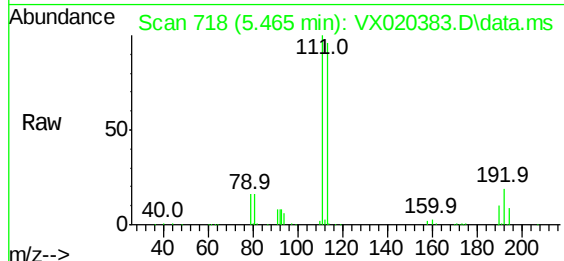




Dibromofluoromethane
Concen: 49.90 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.007 min
Lab File: VX020383.D
Acq: 24 Dec 2020 13:25

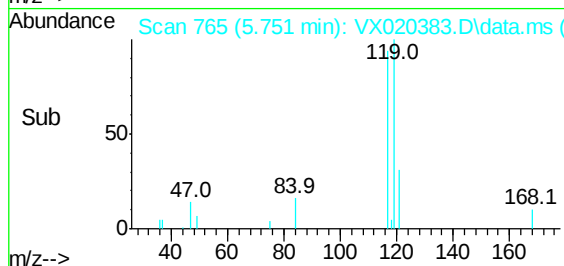
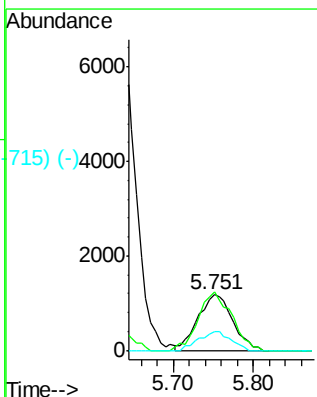
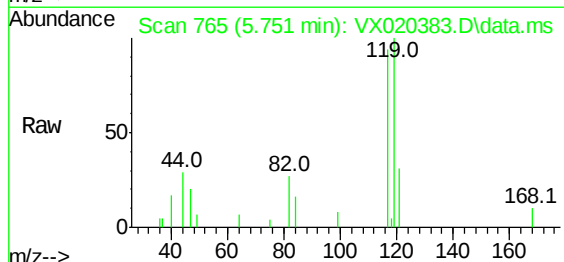
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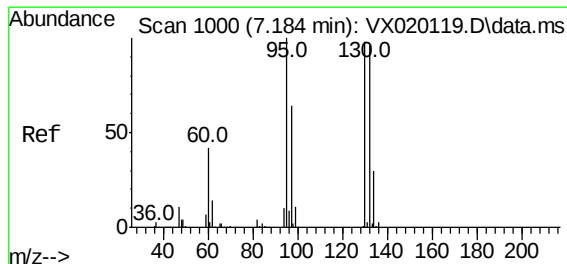
Tgt Ion:113 Resp: 131240
Ion Ratio Lower Upper
113 100
111 102.1 81.9 122.9
192 20.1 16.7 25.1



Carbon Tetrachloride
Concen: 0.91 ug/l
RT: 5.751 min Scan# 765
Delta R.T. 0.006 min
Lab File: VX020383.D
Acq: 24 Dec 2020 13:25

Tgt Ion:117 Resp: 3528
Ion Ratio Lower Upper
117 100
119 106.3 76.2 114.2
121 33.1 24.8 37.2

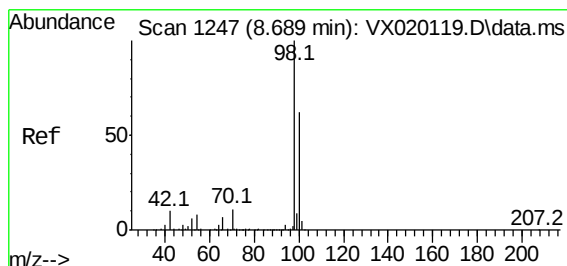
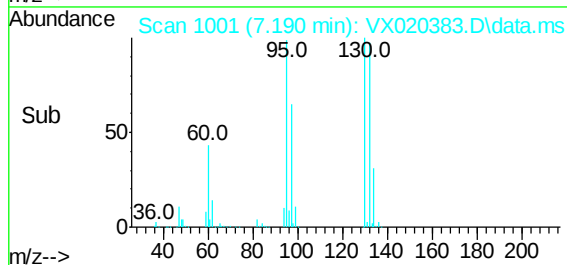
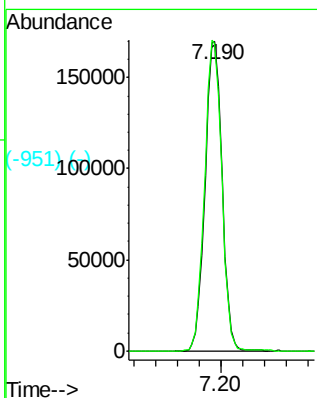
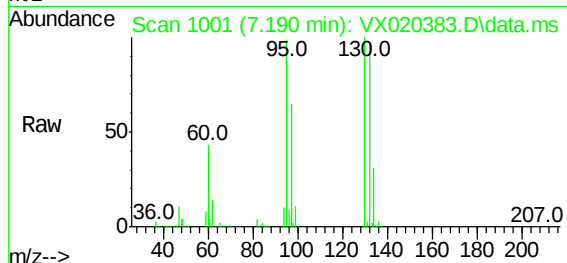




(-949) (-)
 Trichloroethene
 Concen: 112.09 ug/l
 RT: 7.190 min Scan# 1001
 Delta R.T. 0.006 min
 Lab File: VX020383.D
 Acq: 24 Dec 2020 13:25

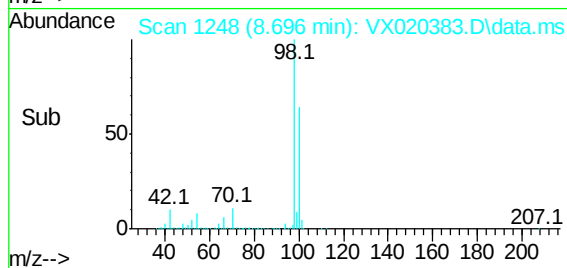
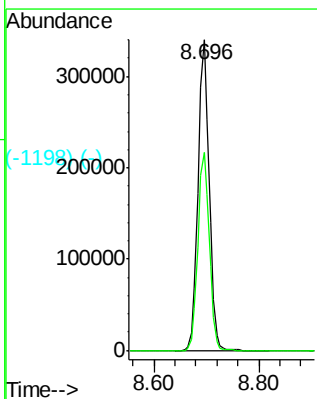
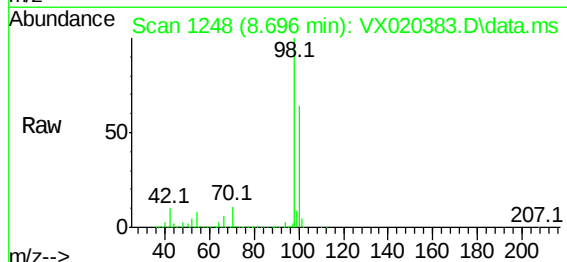
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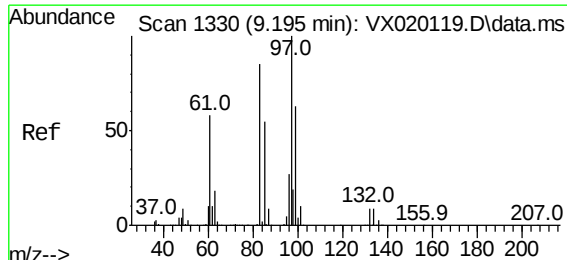
Tgt Ion:130 Resp: 366466
 Ion Ratio Lower Upper
 130 100
 95 99.0 0.0 198.0



(-1259) (-)
 Toluene-d8
 Concen: 49.53 ug/l
 RT: 8.696 min Scan# 1248
 Delta R.T. 0.007 min
 Lab File: VX020383.D
 Acq: 24 Dec 2020 13:25

Tgt Ion: 98 Resp: 501378
 Ion Ratio Lower Upper
 98 100
 100 65.6 51.9 77.9



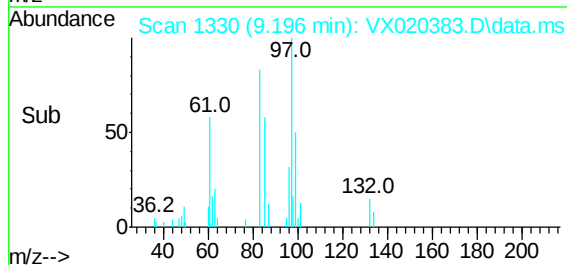
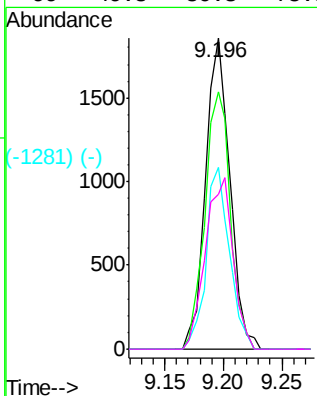
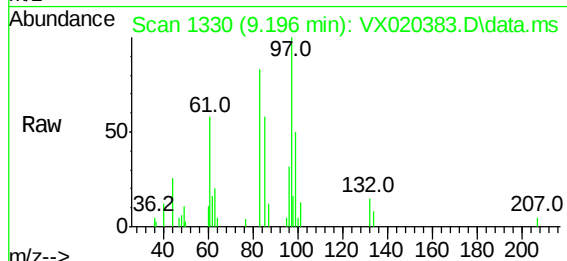


#559 (-)
1,1,2-Trichloroethane
Concen: 0.85 ug/l
RT: 9.196 min Scan# 1330
Delta R.T. 0.001 min
Lab File: VX020383.D
Acq: 24 Dec 2020 13:25

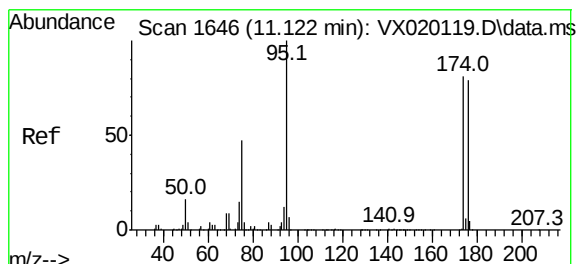
Instrument :
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Tgt Ion: 97 Resp: 2693

Ion	Ratio	Lower	Upper
97	100		
83	82.8	69.3	103.9
85	58.4	44.3	66.5
99	49.8	50.3	75.5#



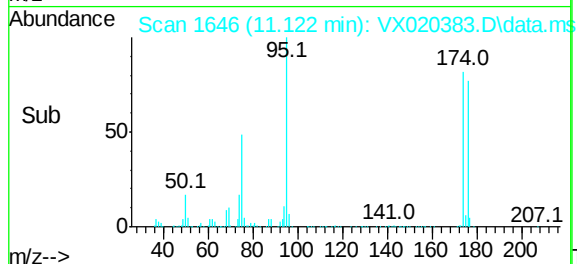
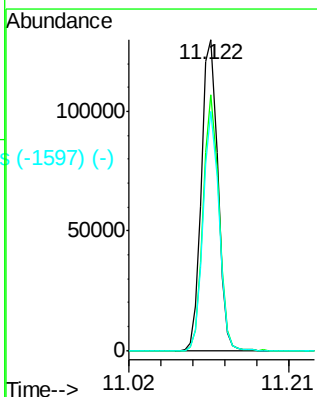
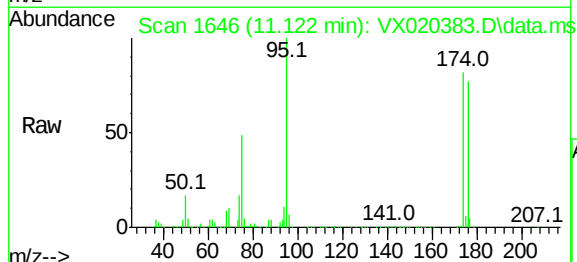
(-1281) (-)



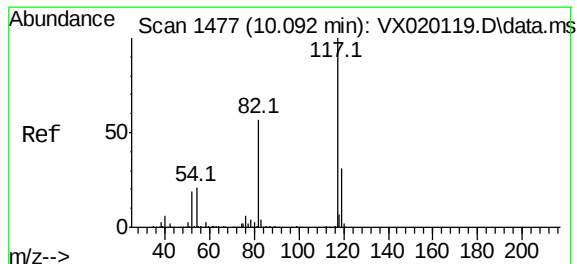
#639 (-)
4-Bromofluorobenzene
Concen: 43.16 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.000 min
Lab File: VX020383.D
Acq: 24 Dec 2020 13:25

Tgt Ion: 95 Resp: 167233

Ion	Ratio	Lower	Upper
95	100		
174	78.9	0.0	154.6
176	74.2	0.0	155.8



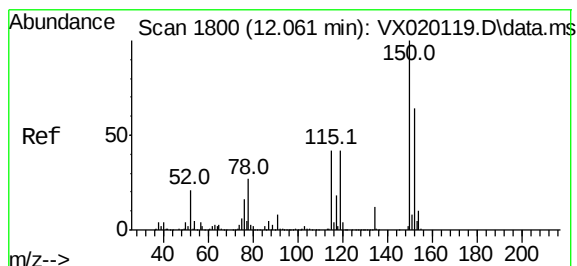
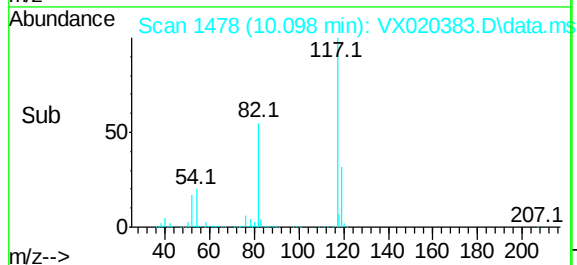
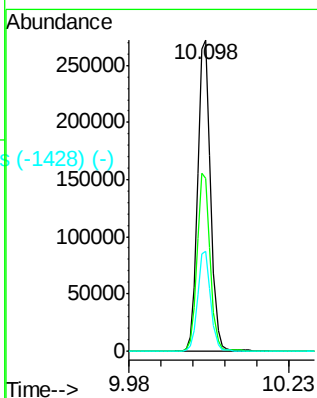
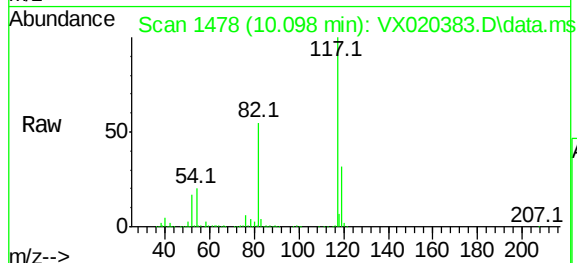
(-1597) (-)



#6270 (-)
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020383.D
Acq: 24 Dec 2020 13:25

Instrument :
MSVOA_X
ClientSampleId :
RE139D1-20201214

Tgt Ion:117 Resp: 376080
Ion Ratio Lower Upper
117 100
82 55.3 47.4 71.2
119 32.0 26.6 39.8



#1724 (-)
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020383.D
Acq: 24 Dec 2020 13:25

Tgt Ion:152 Resp: 157234
Ion Ratio Lower Upper
152 100
115 61.6 41.1 123.3
150 157.7 0.0 349.0

