

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\WX121920\
 Data File : VX020212.D
 Acq On : 20 Dec 2020 07:53
 Operator : JC/MD
 Sample : L5094-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 49-5973(D)-R-121320

Quant Time: Dec 21 02:46:18 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)

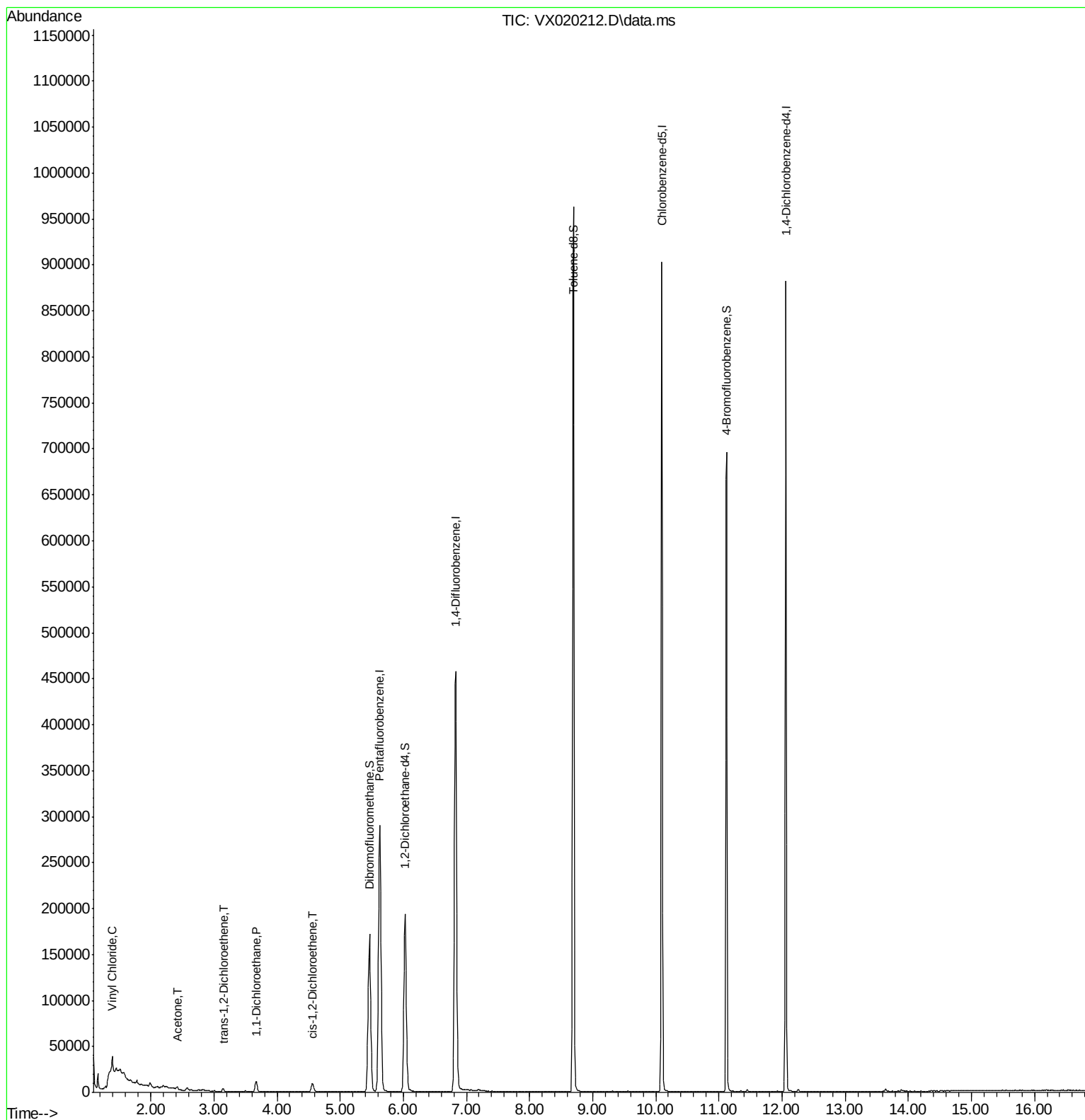
Internal Standards						
1) Pentafluorobenzene	5.623	168	282392	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	469437	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	434279	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	178628	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	186655	49.31	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	=	98.62%	
35) Dibromofluoromethane	5.465	113	151149	50.33	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	=	100.66%	
50) Toluene-d8	8.696	98	567957	49.13	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	=	98.26%	
62) 4-Bromofluorobenzene	11.116	95	194147	43.88	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	=	87.76%	
Target Compounds						
						Qvalue
4) Vinyl Chloride	1.392	62	2636	0.68	ug/l	90
16) Acetone	2.416	43	3556	2.06	ug/l	97
21) trans-1,2-Dichloroethene	3.148	96	1236	0.35	ug/l	87
24) 1,1-Dichloroethane	3.672	63	12996	2.11	ug/l	98
27) cis-1,2-Dichloroethene	4.556	96	5929	1.50	ug/l	90

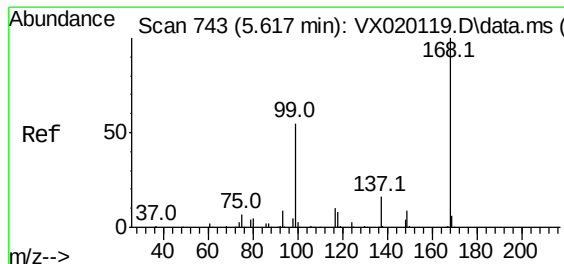
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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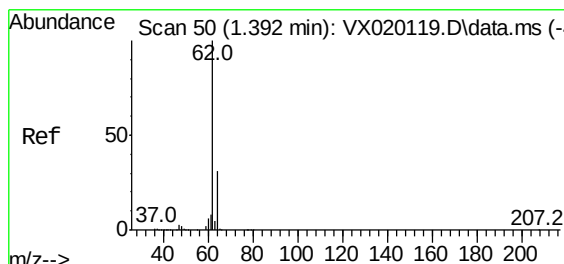
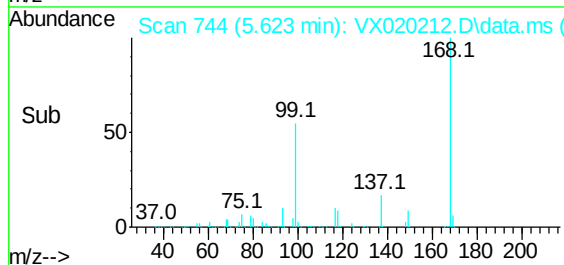
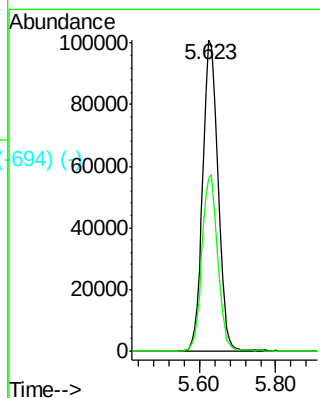
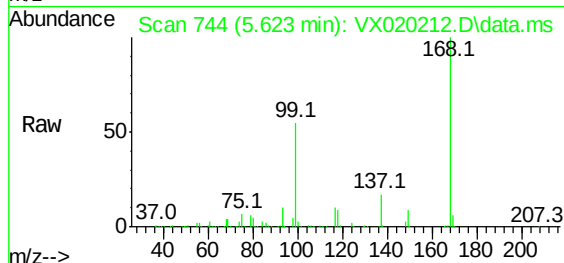




Scan 743 (5.617 min): VX020119.D\data.ms (-744) (-)
 Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 5.623 min Scan# 744
 Delta R.T. 0.006 min
 Lab File: VX020212.D
 Acq: 20 Dec 2020 07:53

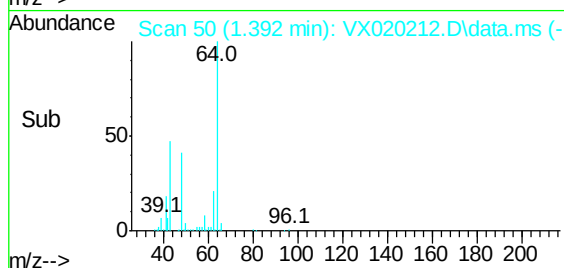
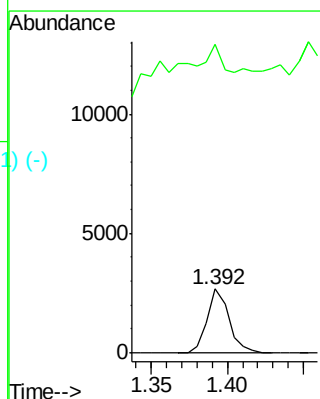
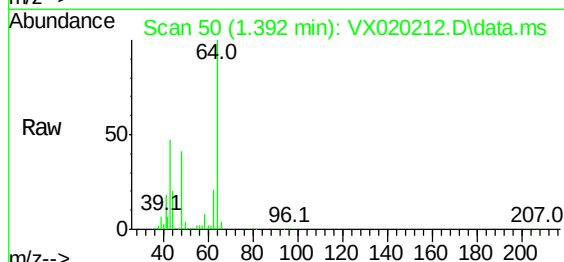
Instrument :
 MSVOA_X
 ClientSampleId :
 49-5973(D)-R-121320

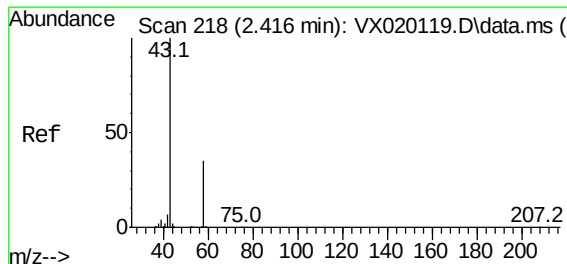
Tgt Ion: 168 Resp: 282392
 Ion Ratio Lower Upper
 168 100
 99 55.4 45.8 68.6



Scan 50 (1.392 min): VX020119.D\data.ms (-457) (-)
 Vinyl Chloride
 Concen: 0.68 ug/l
 RT: 1.392 min Scan# 50
 Delta R.T. 0.000 min
 Lab File: VX020212.D
 Acq: 20 Dec 2020 07:53

Tgt Ion: 62 Resp: 2636
 Ion Ratio Lower Upper
 62 100
 64 37.5 25.7 38.5

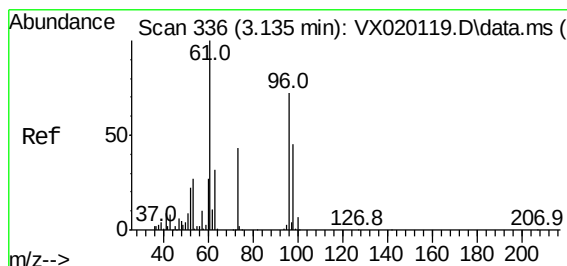
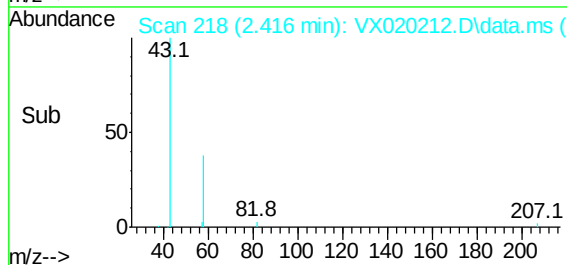
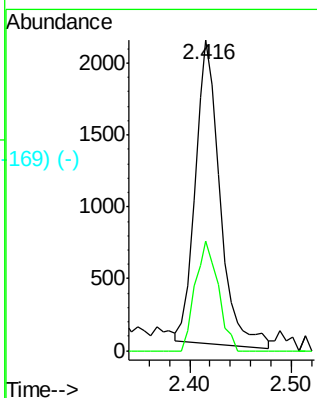
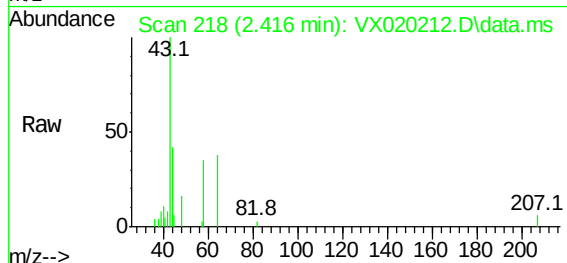




Acetone
Concen: 2.06 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020212.D
Acq: 20 Dec 2020 07:53

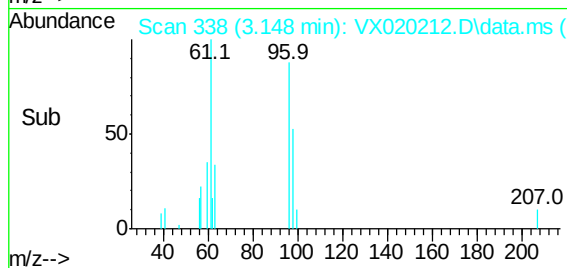
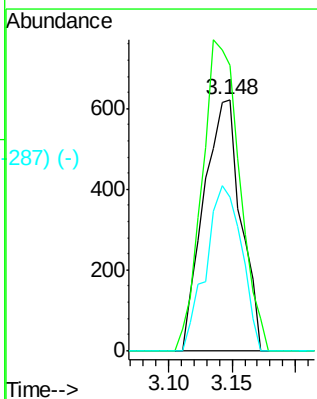
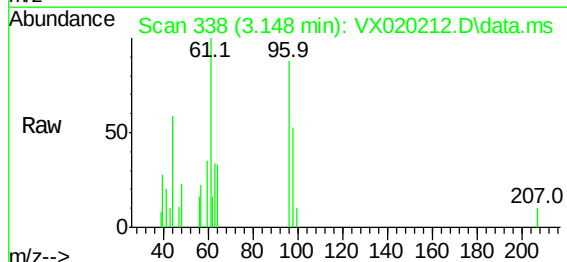
Instrument :
MSVOA_X
ClientSampleId :
49-5973(D)-R-121320

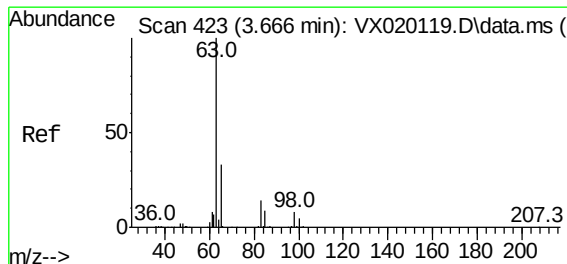
Tgt Ion: 43 Resp: 3556
Ion Ratio Lower Upper
43 100
58 36.3 27.8 41.8



trans-1,2-Dichloroethene
Concen: 0.35 ug/l
RT: 3.148 min Scan# 338
Delta R.T. 0.013 min
Lab File: VX020212.D
Acq: 20 Dec 2020 07:53

Tgt Ion: 96 Resp: 1236
Ion Ratio Lower Upper
96 100
61 114.0 107.7 161.5
98 60.9 50.4 75.6

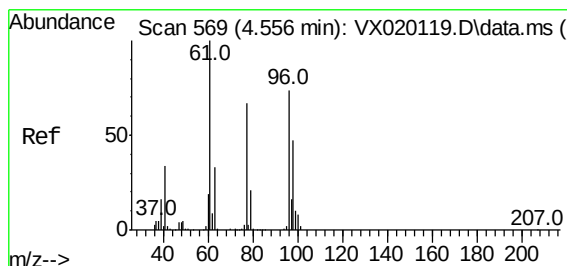
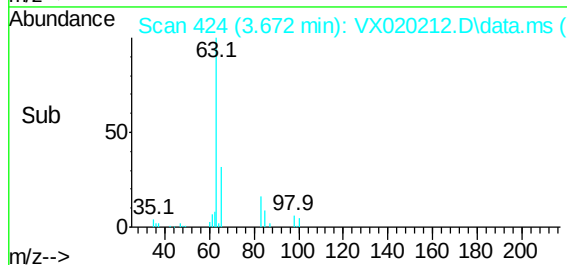
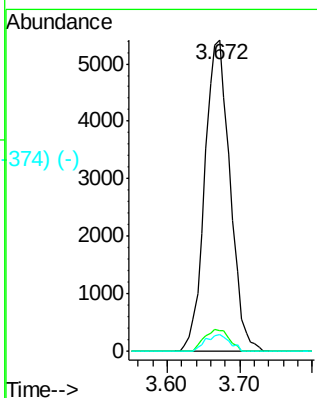
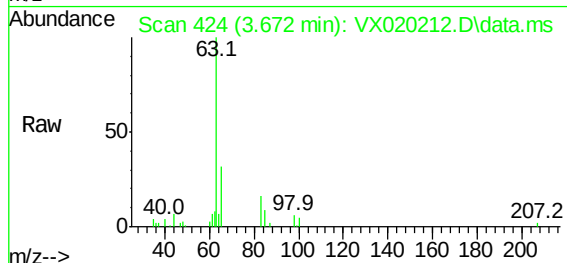




1,1-Dichloroethane
Concen: 2.11 ug/l
RT: 3.672 min Scan# 424
Delta R.T. 0.006 min
Lab File: VX020212.D
Acq: 20 Dec 2020 07:53

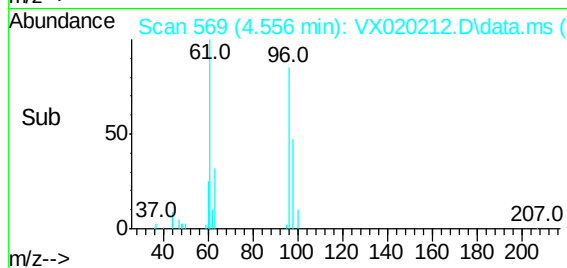
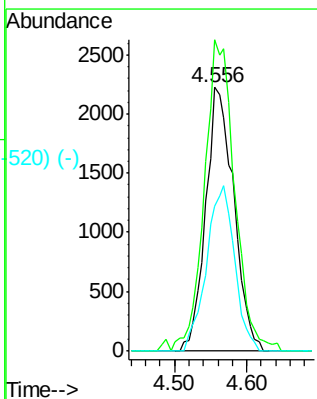
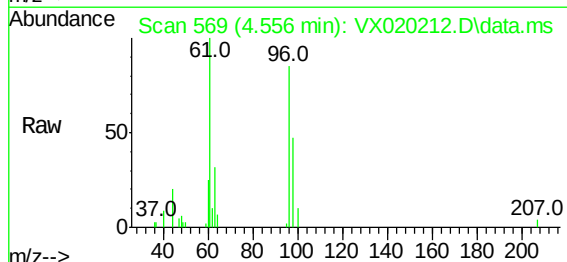
Instrument :
MSVOA_X
ClientSampleId :
49-5973(D)-R-121320

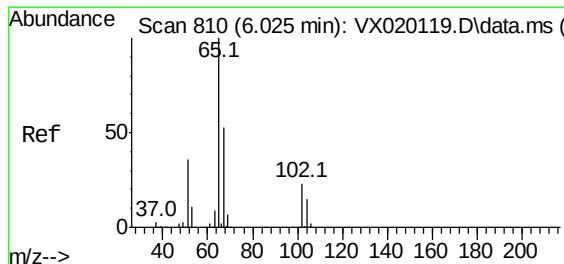
Tgt Ion: 63 Resp: 12996
Ion Ratio Lower Upper
63 100
98 6.4 3.8 11.2
100 5.2 2.5 7.5



cis-1,2-Dichloroethene
Concen: 1.50 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX020212.D
Acq: 20 Dec 2020 07:53

Tgt Ion: 96 Resp: 5929
Ion Ratio Lower Upper
96 100
61 127.2 0.0 285.6
98 62.5 0.0 129.6

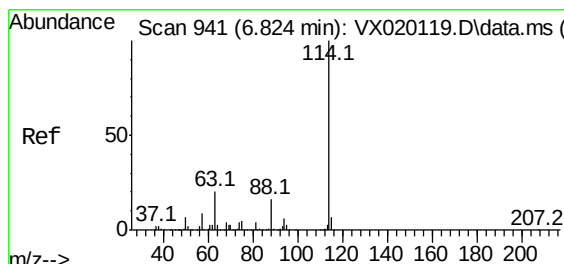
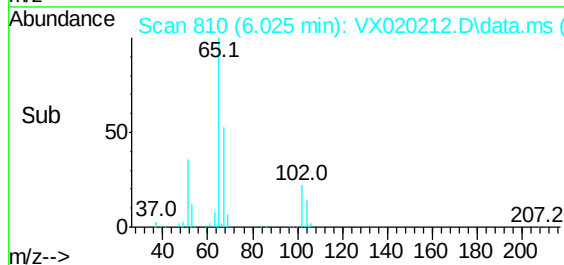
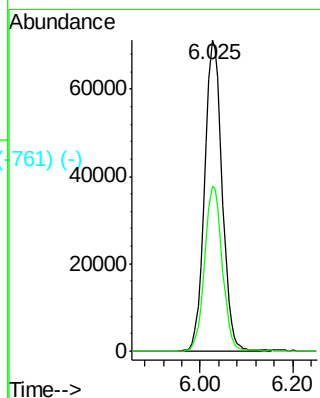
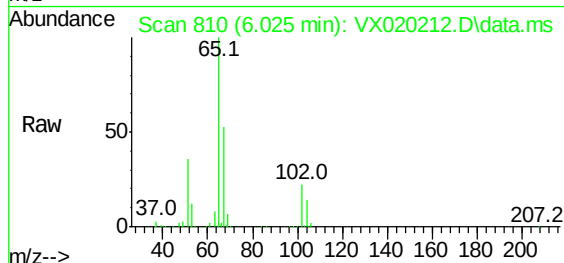




1,2-Dichloroethane-d4
 Concen: 49.31 ug/l
 RT: 6.025 min Scan# 810
 Delta R.T. 0.000 min
 Lab File: VX020212.D
 Acq: 20 Dec 2020 07:53

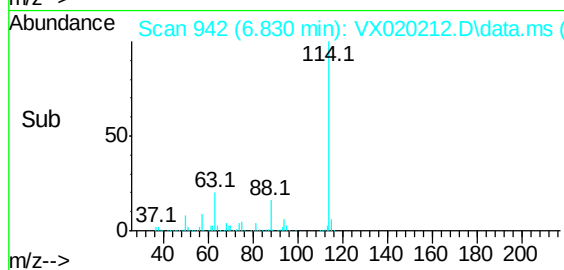
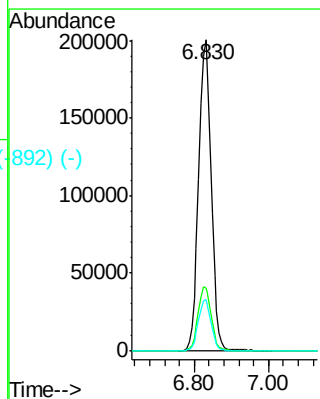
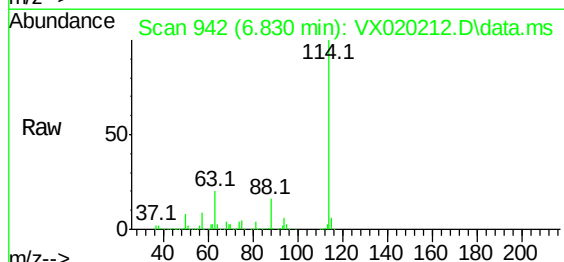
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 ClientSampleId :
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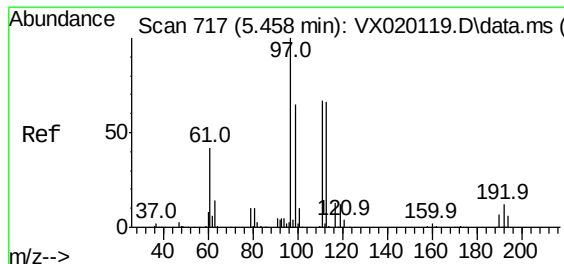
Tgt Ion: 65 Resp: 186655
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 105.4



1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.830 min Scan# 942
 Delta R.T. 0.006 min
 Lab File: VX020212.D
 Acq: 20 Dec 2020 07:53

Tgt Ion: 114 Resp: 469437
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 40.8
 88 16.2 0.0 32.8

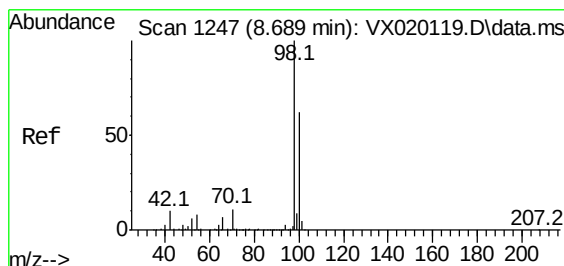
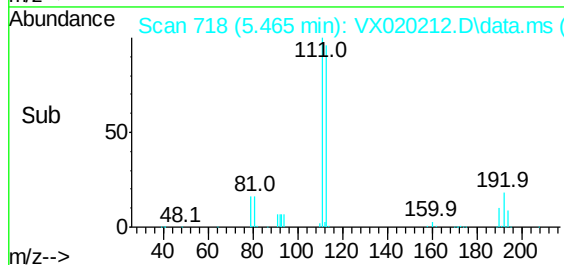
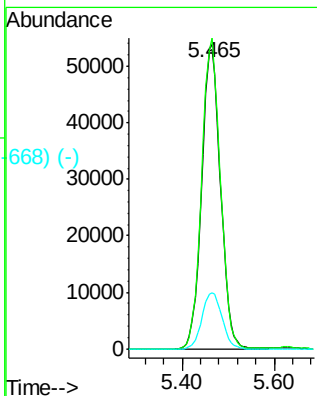
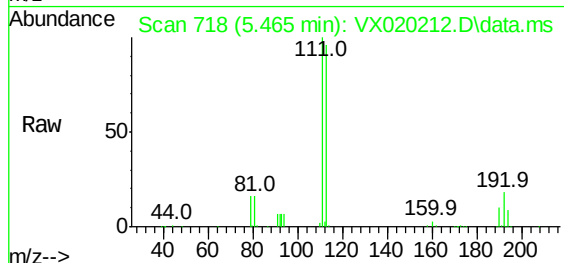




Dibromofluoromethane
Concen: 50.33 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.007 min
Lab File: VX020212.D
Acq: 20 Dec 2020 07:53

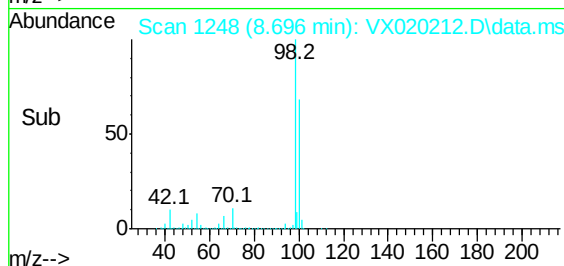
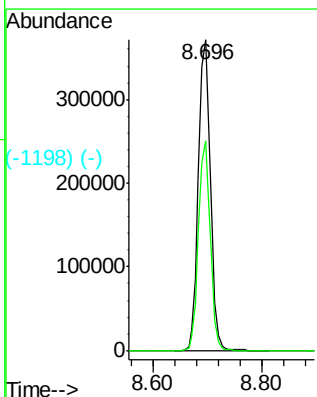
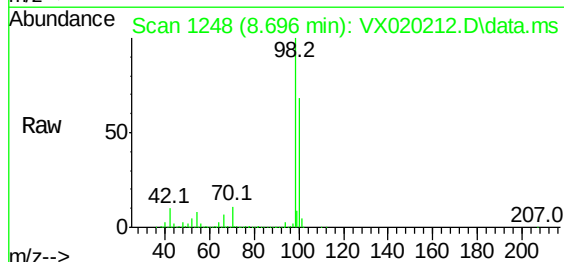
Instrument :
MSVOA_X
ClientSampleId :
49-5973(D)-R-121320

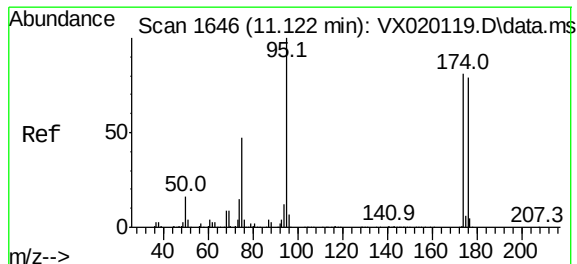
Tgt Ion:113 Resp: 151149
Ion Ratio Lower Upper
113 100
111 102.2 81.9 122.9
192 19.5 16.7 25.1



To Luene-d8
Concen: 49.13 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020212.D
Acq: 20 Dec 2020 07:53

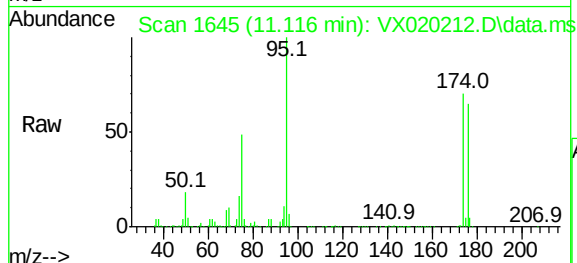
Tgt Ion: 98 Resp: 567957
Ion Ratio Lower Upper
98 100
100 66.4 51.9 77.9





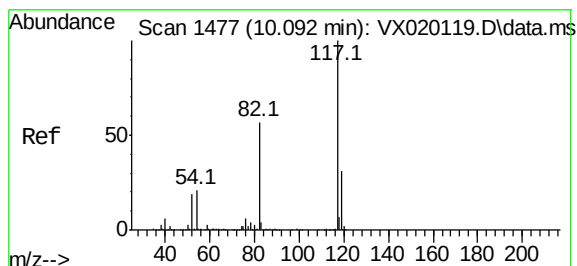
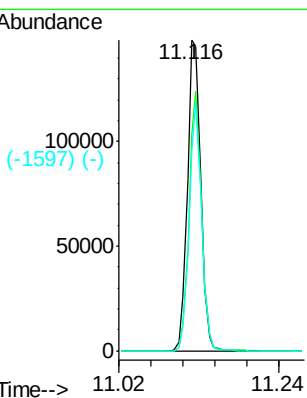
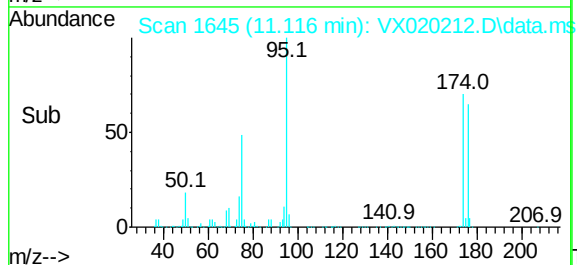
Scan 1646 (11.122 min): VX020119.D\data.ms
 #639 (-)
 4-Bromofluorobenzene
 Concen: 43.88 ug/l
 RT: 11.116 min Scan# 1645
 Delta R.T. -0.006 min
 Lab File: VX020212.D
 Acq: 20 Dec 2020 07:53

Instrument :
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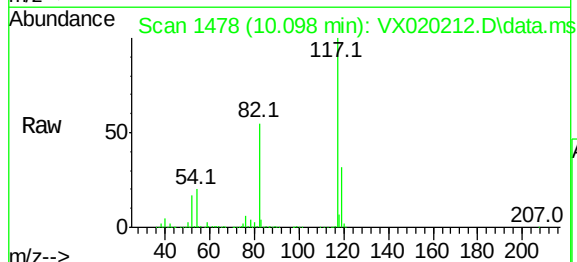


Tgt Ion: 95 Resp: 194147

Ion	Ratio	Lower	Upper
95	100		
174	78.2	0.0	154.6
176	73.9	0.0	155.8

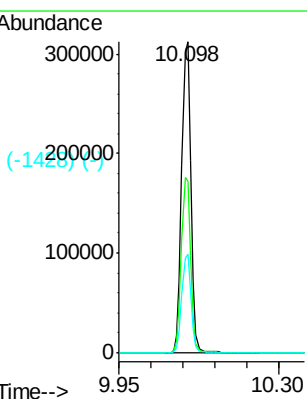
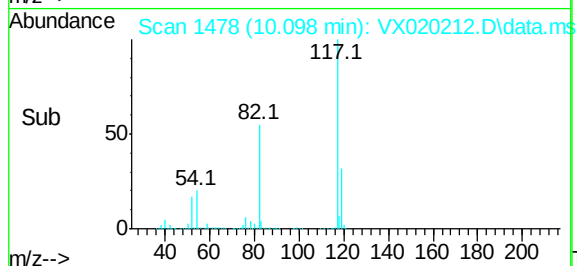


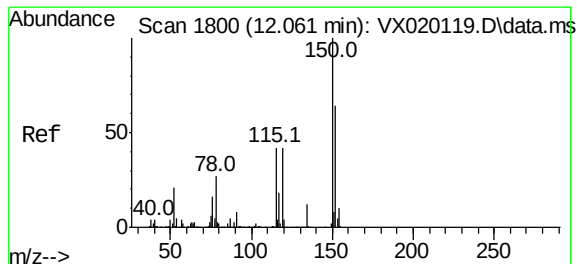
Scan 1477 (10.092 min): VX020119.D\data.ms
 #640 (-)
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 10.098 min Scan# 1478
 Delta R.T. 0.006 min
 Lab File: VX020212.D
 Acq: 20 Dec 2020 07:53



Tgt Ion: 117 Resp: 434279

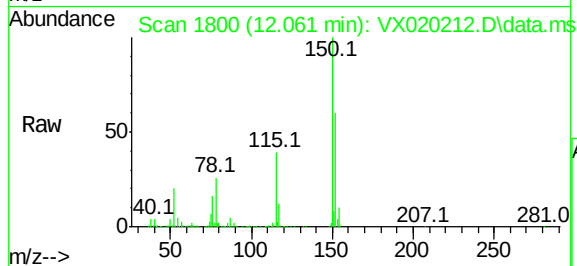
Ion	Ratio	Lower	Upper
117	100		
82	55.2	47.4	71.2
119	31.6	26.6	39.8





#1794 (-)
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.061 min Scan# 1800
 Delta R.T. -0.000 min
 Lab File: VX020212.D
 Acq: 20 Dec 2020 07:53

Instrument :
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Tgt Ion:152 Resp: 178628

Ion	Ratio	Lower	Upper
152	100		
115	60.8	41.1	123.3
150	158.9	0.0	349.0

