

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121920\
 Data File : VX020188.D
 Acq On : 19 Dec 2020 21:49
 Operator : JC/MD
 Sample : L5094-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 49-5970(D)-121320

Quant Time: Dec 21 02:37:58 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)

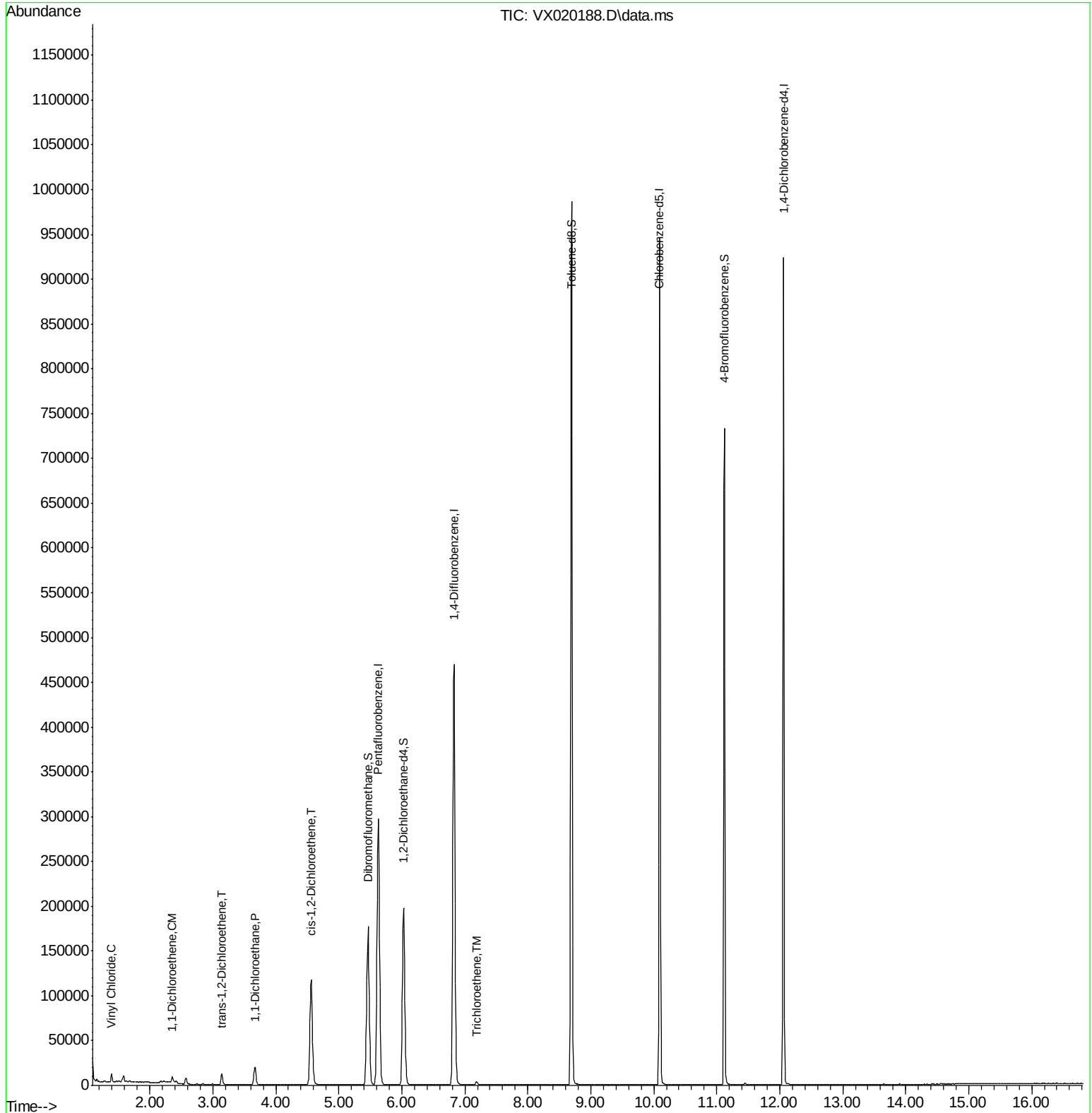
Internal Standards						
1) Pentafluorobenzene	5.629	168	285976	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	477103	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	445481	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	188540	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	189540	49.45	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.90%		
35) Dibromofluoromethane	5.464	113	153209	50.20	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.40%		
50) Toluene-d8	8.696	98	582431	49.58	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.16%		
62) 4-Bromofluorobenzene	11.122	95	199906	44.46	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	88.92%		
Target Compounds						Qvalue
4) Vinyl Chloride	1.392	62	5173	1.32	ug/l	99
12) 1,1-Dichloroethene	2.355	96	1971	0.67	ug/l	90
21) trans-1,2-Dichloroethene	3.142	96	4964	1.40	ug/l	97
24) 1,1-Dichloroethane	3.666	63	23058	3.70	ug/l	99
27) cis-1,2-Dichloroethene	4.562	96	77141	19.28	ug/l	89
44) Trichloroethene	7.190	130	1231	0.32	ug/l	87

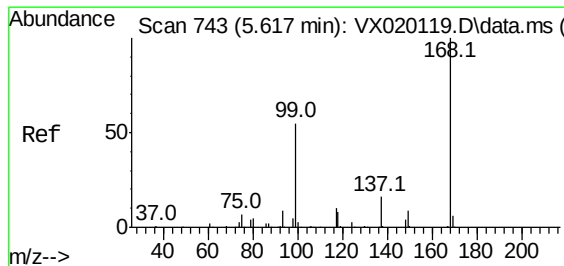
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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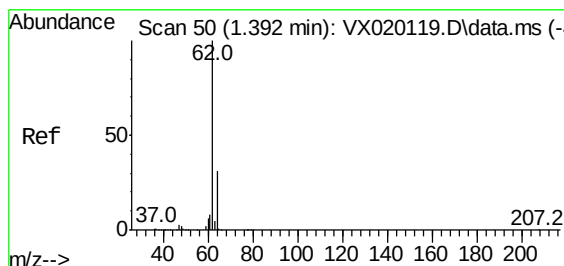
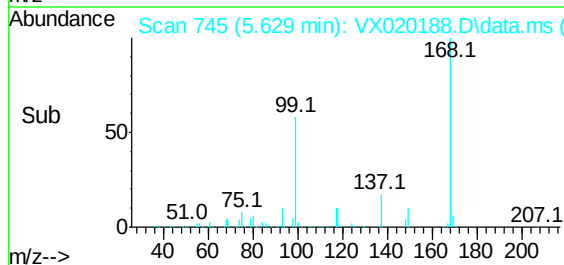
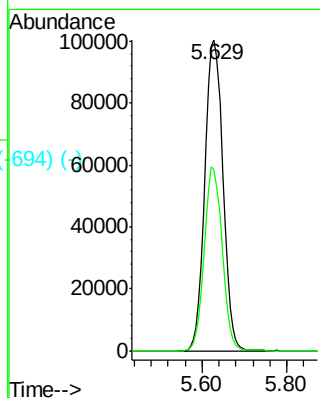
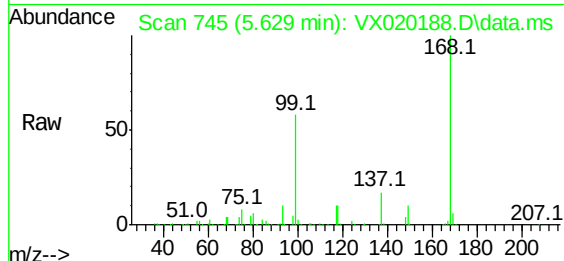




Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 5.629 min Scan# 745
 Delta R.T. 0.012 min
 Lab File: VX020188.D
 Acq: 19 Dec 2020 21:49

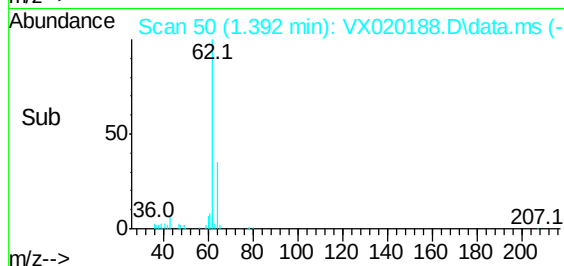
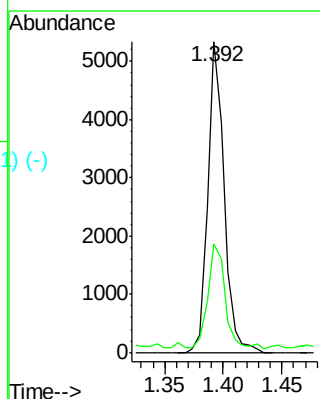
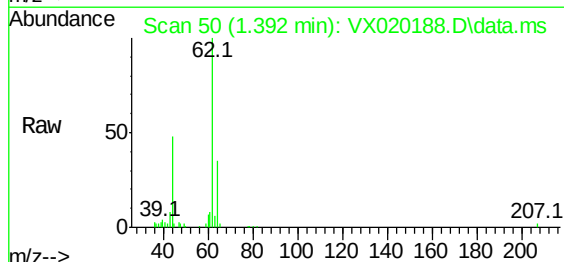
Instrument :
 MSVOA_X
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 49-5970(D)-121320

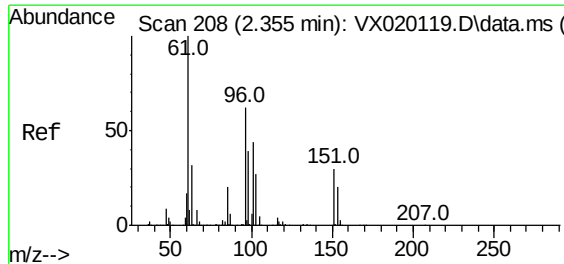
Tgt Ion:168 Resp: 285976
 Ion Ratio Lower Upper
 168 100
 99 58.3 45.8 68.6



Vinyl Chloride
 Concen: 1.32 ug/l
 RT: 1.392 min Scan# 50
 Delta R.T. 0.000 min
 Lab File: VX020188.D
 Acq: 19 Dec 2020 21:49

Tgt Ion: 62 Resp: 5173
 Ion Ratio Lower Upper
 62 100
 64 32.7 25.7 38.5

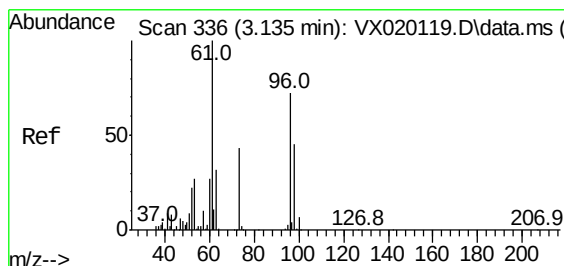
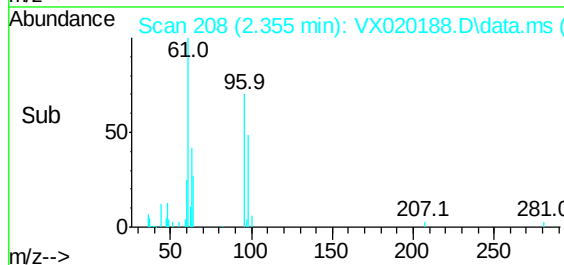
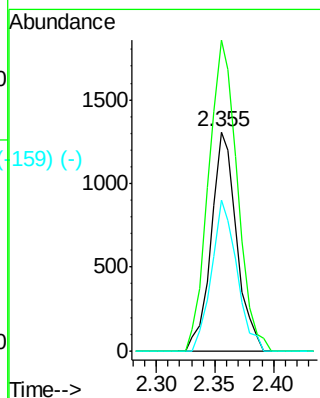
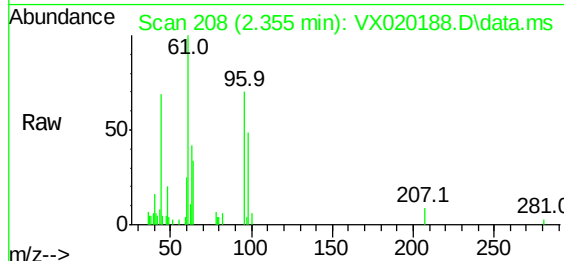




1,1-Dichloroethene
 Concen: 0.67 ug/l
 RT: 2.355 min Scan# 208
 Delta R.T. 0.000 min
 Lab File: VX020188.D
 Acq: 19 Dec 2020 21:49

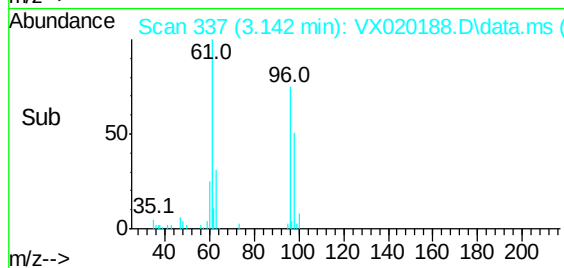
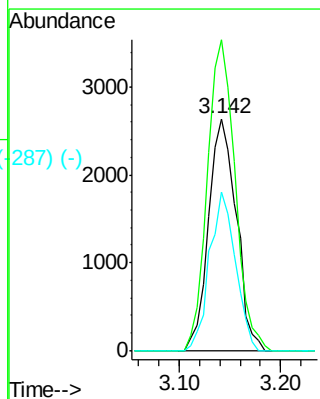
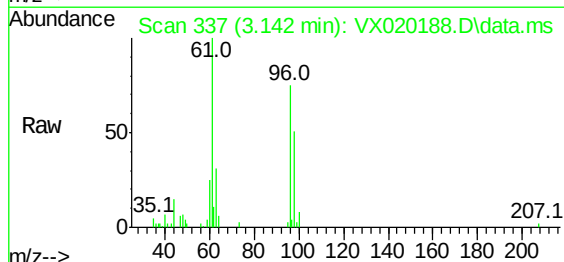
Instrument :
 MSVOA_X
 ClientSampleId :
 49-5970(D)-121320

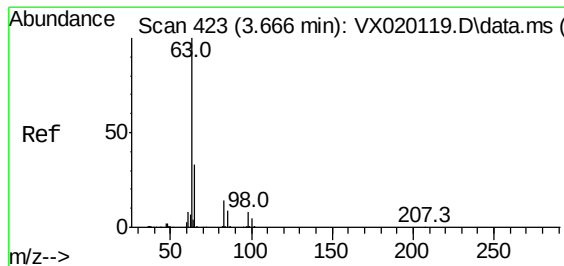
Tgt Ion:	96	Resp:	1971
Ion	Ratio	Lower	Upper
96	100		
61	141.9	124.6	187.0
98	69.0	50.6	76.0



trans-1,2-Dichloroethene
 Concen: 1.40 ug/l
 RT: 3.142 min Scan# 337
 Delta R.T. 0.007 min
 Lab File: VX020188.D
 Acq: 19 Dec 2020 21:49

Tgt Ion:	96	Resp:	4964
Ion	Ratio	Lower	Upper
96	100		
61	134.2	107.7	161.5
98	68.6	50.4	75.6

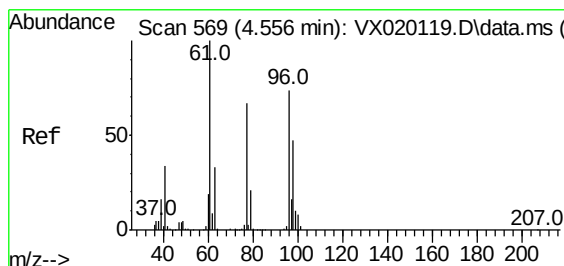
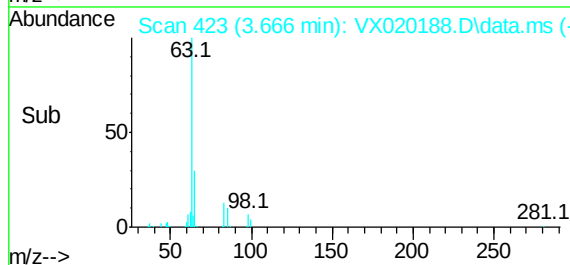
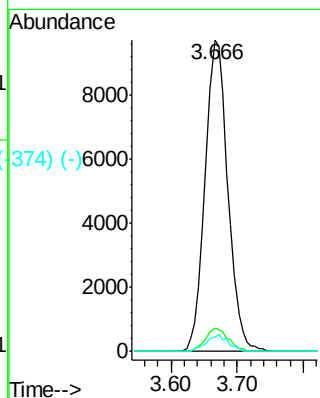
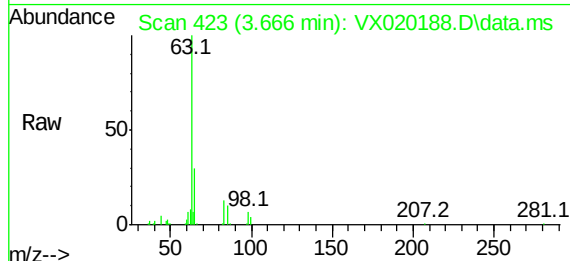




1,1-Dichloroethane
Concen: 3.70 ug/l
RT: 3.666 min Scan# 423
Delta R.T. 0.000 min
Lab File: VX020188.D
Acq: 19 Dec 2020 21:49

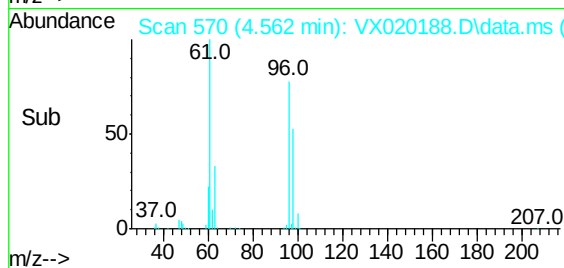
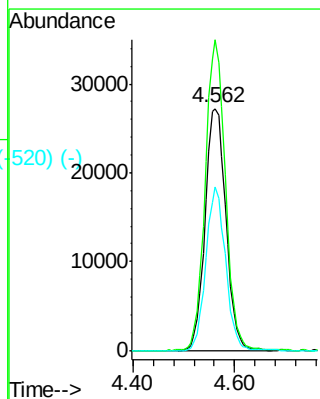
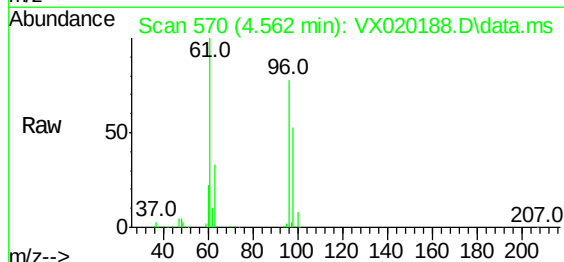
Instrument :
MSVOA_X
ClientSampleId :
49-5970(D)-121320

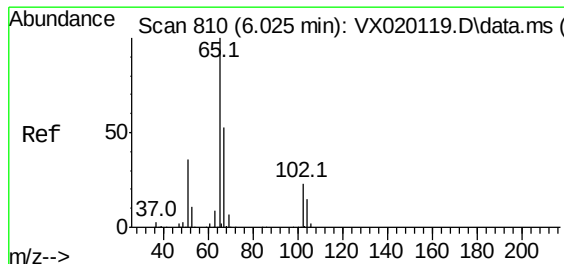
Tgt Ion:	63	Resp:	23058
Ion Ratio	Lower	Upper	
63	100		
98	7.1	3.8	11.2
100	4.3	2.5	7.5



cis-1,2-Dichloroethene
Concen: 19.28 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.006 min
Lab File: VX020188.D
Acq: 19 Dec 2020 21:49

Tgt Ion:	96	Resp:	77141
Ion Ratio	Lower	Upper	
96	100		
61	124.2	0.0	285.6
98	63.7	0.0	129.6

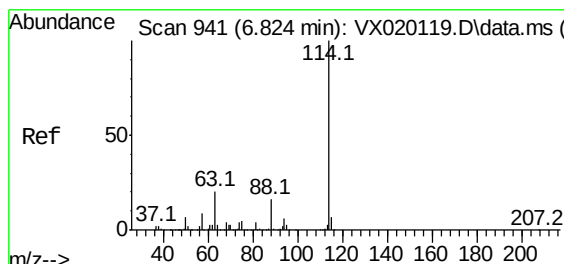
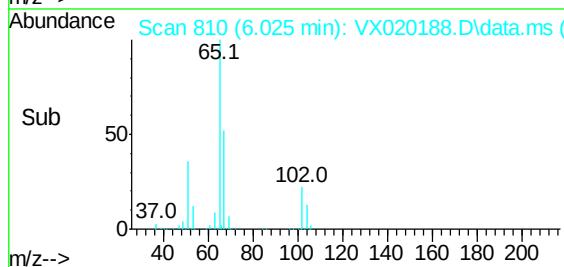
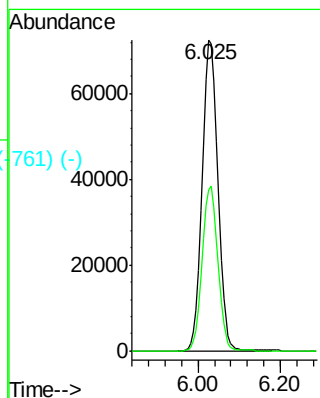
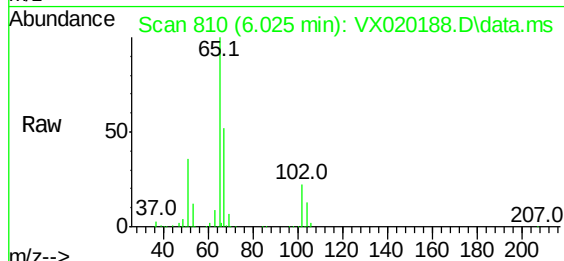




1,2-Dichloroethane-d4
 Concen: 49.45 ug/l
 RT: 6.025 min Scan# 810
 Delta R.T. 0.000 min
 Lab File: VX020188.D
 Acq: 19 Dec 2020 21:49

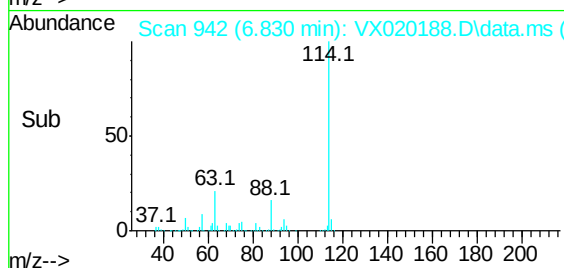
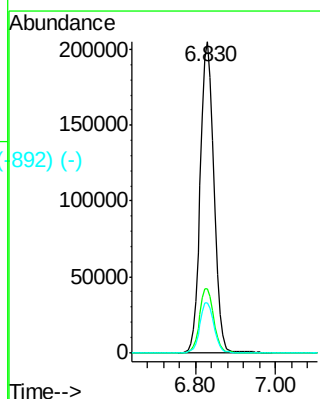
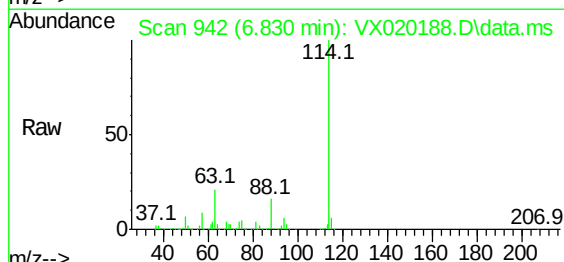
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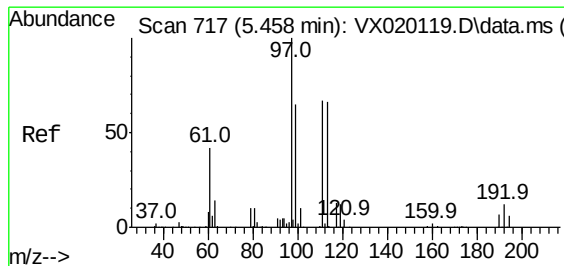
Tgt Ion: 65 Resp: 189540
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 105.4



1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.830 min Scan# 942
 Delta R.T. 0.006 min
 Lab File: VX020188.D
 Acq: 19 Dec 2020 21:49

Tgt Ion: 114 Resp: 477103
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 40.8
 88 15.8 0.0 32.8

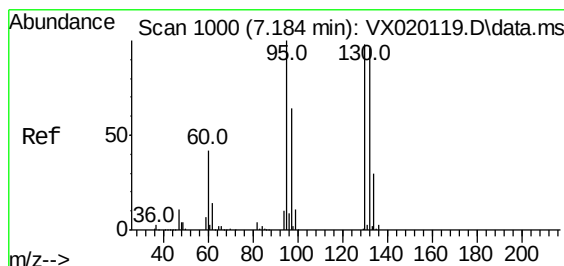
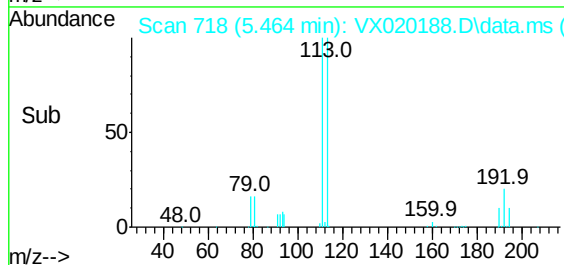
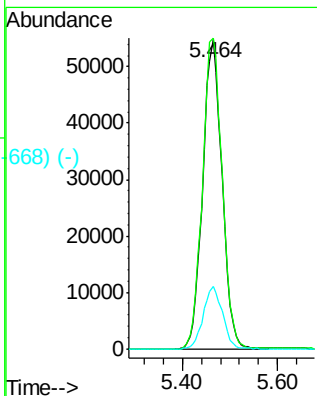
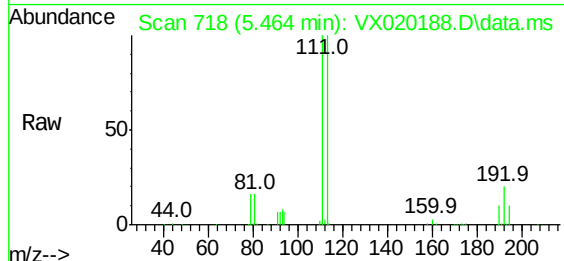




Dibromofluoromethane
Concen: 50.20 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020188.D
Acq: 19 Dec 2020 21:49

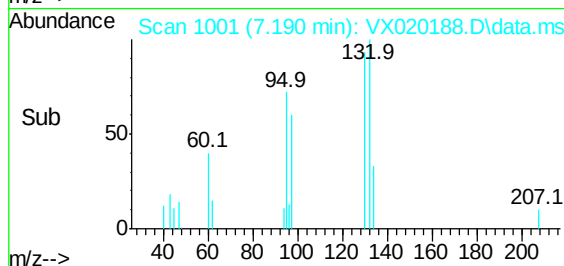
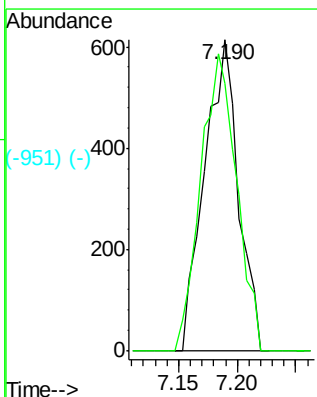
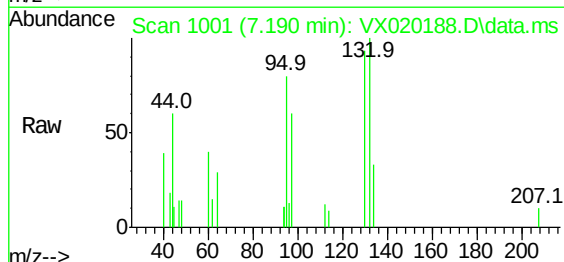
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MSVOA_X
ClientSampleId :
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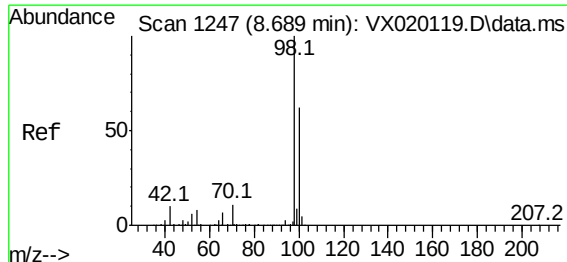
Tgt Ion:113 Resp: 153209
Ion Ratio Lower Upper
113 100
111 102.6 81.9 122.9
192 20.1 16.7 25.1



Trichloroethene
Concen: 0.32 ug/l
RT: 7.190 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VX020188.D
Acq: 19 Dec 2020 21:49

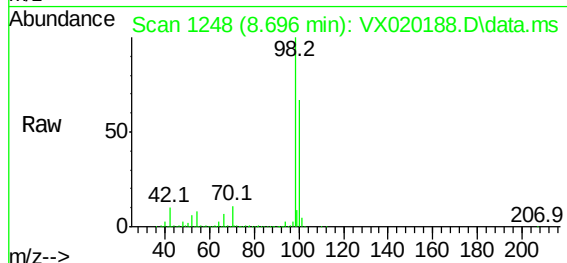
Tgt Ion:130 Resp: 1231
Ion Ratio Lower Upper
130 100
95 86.0 0.0 198.0



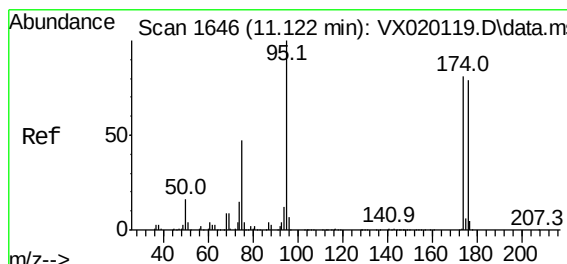
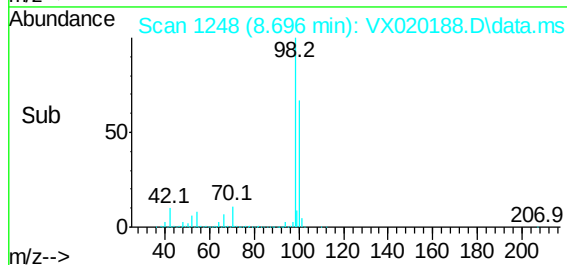
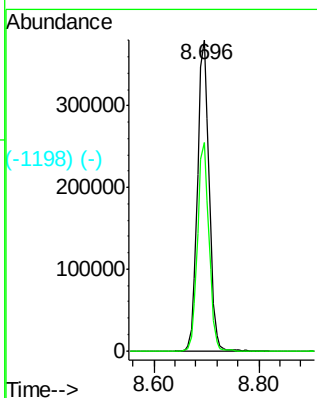


#599 (-)
Toluene-d8
Concen: 49.58 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020188.D
Acq: 19 Dec 2020 21:49

Instrument :
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ClientSampleId :
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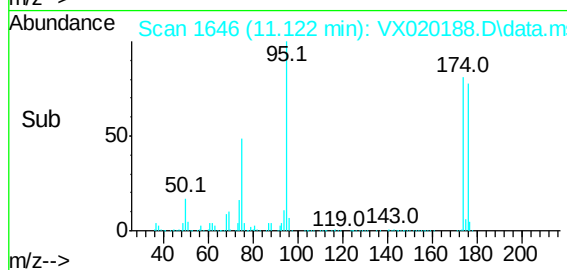
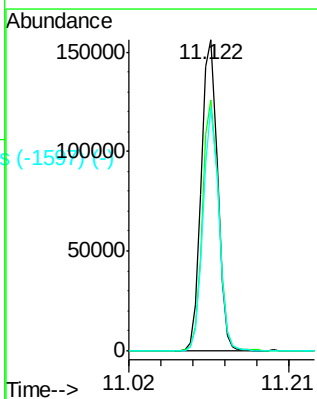
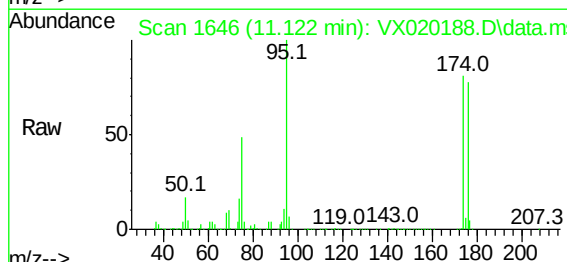


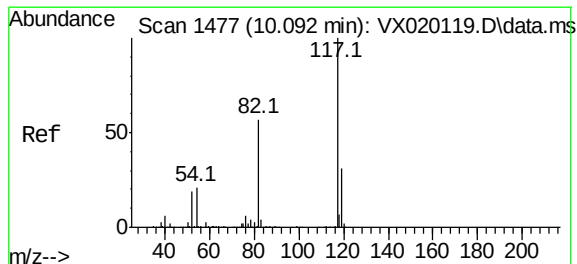
Tgt Ion: 98 Resp: 582431
Ion Ratio Lower Upper
98 100
100 66.1 51.9 77.9



#639 (-)
4-Bromofluorobenzene
Concen: 44.46 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020188.D
Acq: 19 Dec 2020 21:49

Tgt Ion: 95 Resp: 199906
Ion Ratio Lower Upper
95 100
174 79.8 0.0 154.6
176 74.9 0.0 155.8

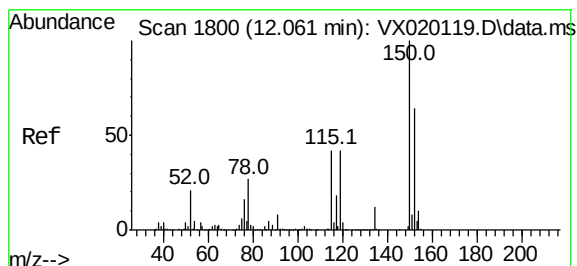
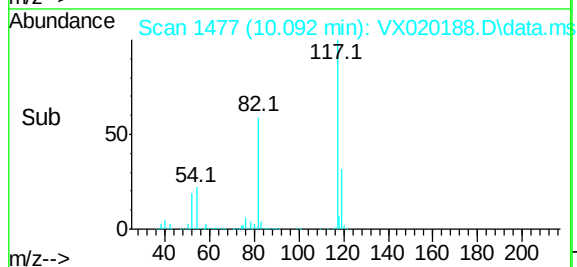
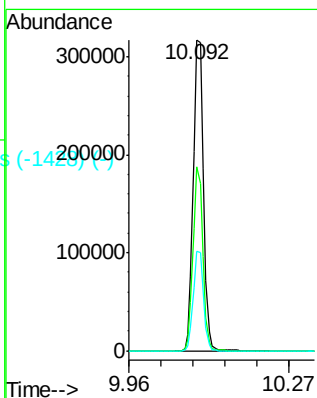
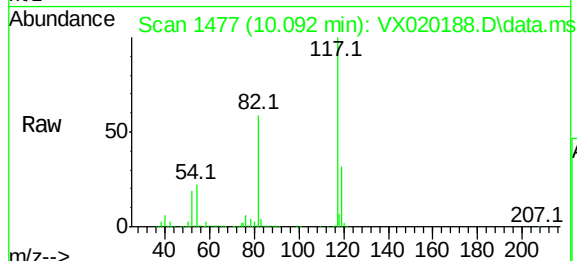




#6270 (-)
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020188.D
Acq: 19 Dec 2020 21:49

Instrument :
MSVOA_X
ClientSampleId :
49-5970(D)-121320

Tgt Ion:117 Resp: 445481
Ion Ratio Lower Upper
117 100
82 59.2 47.4 71.2
119 31.9 26.6 39.8



#17294 (-)
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020188.D
Acq: 19 Dec 2020 21:49

Tgt Ion:152 Resp: 188540
Ion Ratio Lower Upper
152 100
115 61.0 41.1 123.3
150 156.6 0.0 349.0

