

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121920\
 Data File : VX020208.D
 Acq On : 20 Dec 2020 06:20
 Operator : JC/MD
 Sample : L5094-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 49-MW012(SBR)-121320

Quant Time: Dec 21 02:45:08 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)

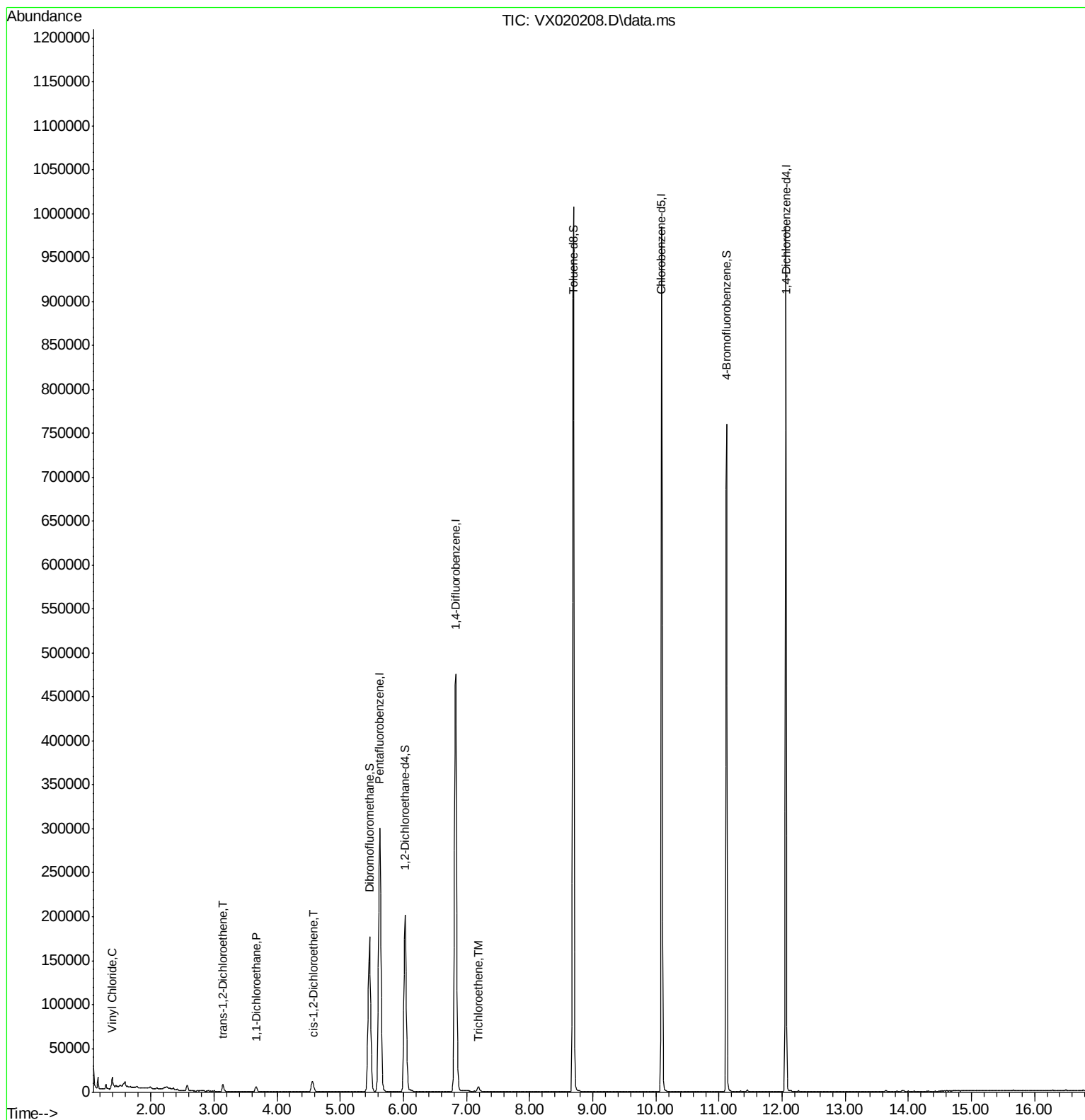
Internal Standards						
1) Pentafluorobenzene	5.629	168	282493	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	486619	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	455843	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	195069	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	191695	50.62	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	=	101.24%	
35) Dibromofluoromethane	5.464	113	153473	49.30	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	=	98.60%	
50) Toluene-d8	8.696	98	592433	49.44	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	=	98.88%	
62) 4-Bromofluorobenzene	11.122	95	208682	45.50	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	=	91.00%	
Target Compounds						
						Qvalue
4) Vinyl Chloride	1.392	62	2230	0.58	ug/l	# 43
21) trans-1,2-Dichloroethene	3.142	96	3209	0.92	ug/l	99
24) 1,1-Dichloroethane	3.672	63	6475	1.05	ug/l	97
27) cis-1,2-Dichloroethene	4.568	96	7910	2.00	ug/l	92
44) Trichloroethene	7.190	130	2042	0.53	ug/l	93

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

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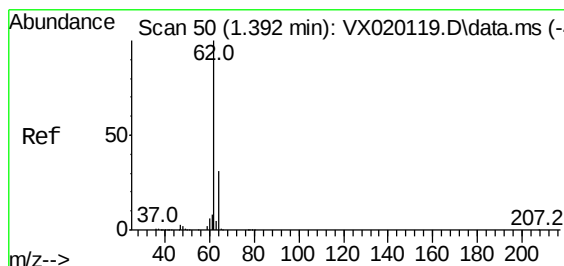
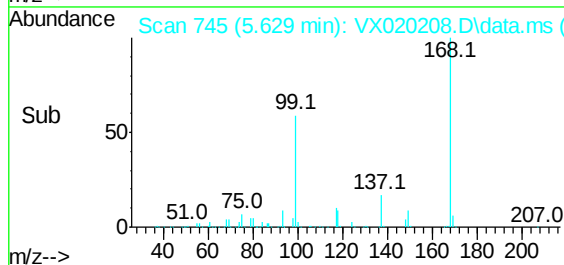
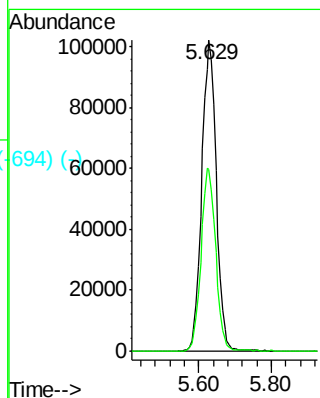
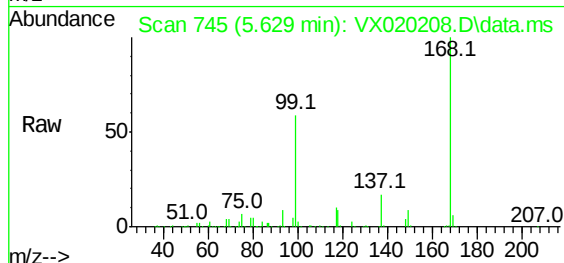




Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 5.629 min Scan# 745
 Delta R.T. 0.012 min
 Lab File: VX020208.D
 Acq: 20 Dec 2020 06:20

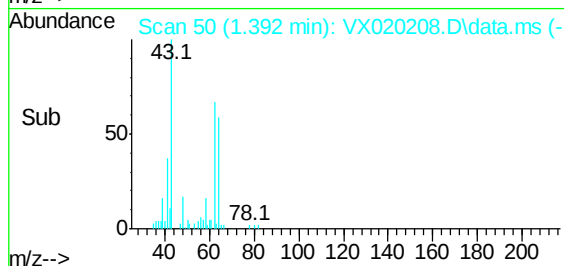
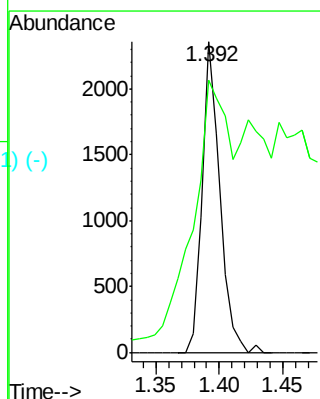
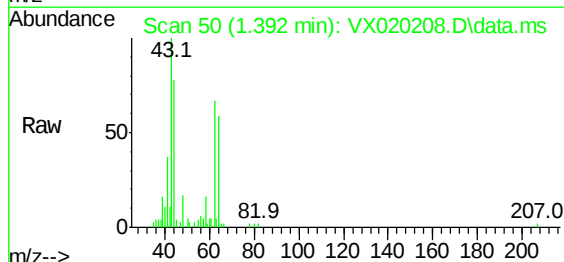
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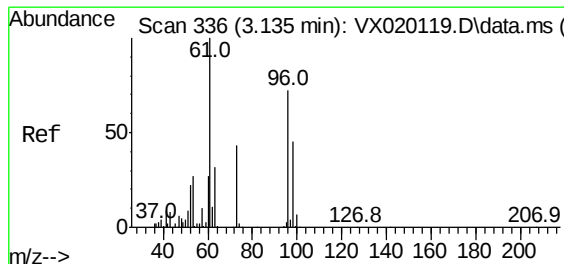
Tgt Ion:168 Resp: 282493
 Ion Ratio Lower Upper
 168 100
 99 58.6 45.8 68.6



Vinyl Chloride
 Concen: 0.58 ug/l
 RT: 1.392 min Scan# 50
 Delta R.T. 0.000 min
 Lab File: VX020208.D
 Acq: 20 Dec 2020 06:20

Tgt Ion: 62 Resp: 2230
 Ion Ratio Lower Upper
 62 100
 64 64.0 25.7 38.5#

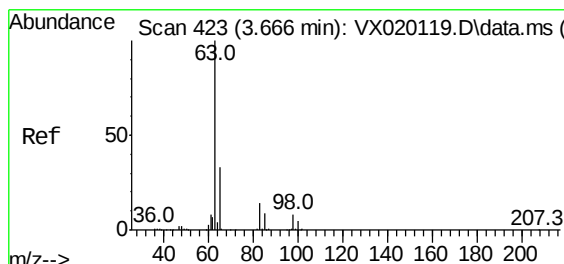
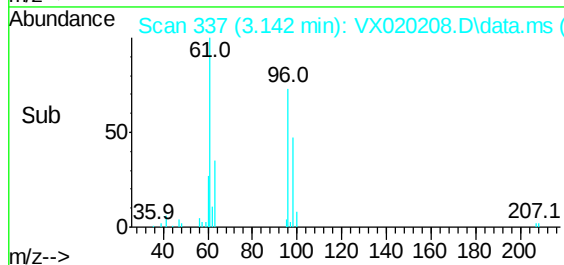
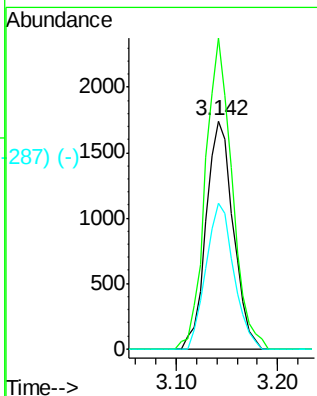
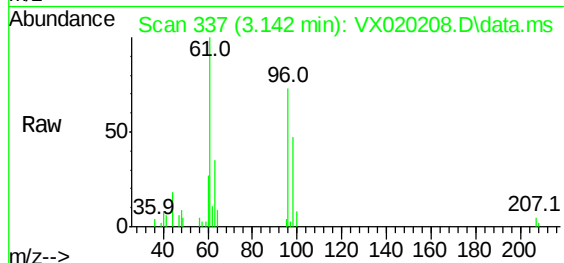




trans-1,2-Dichloroethene
Concen: 0.92 ug/l
RT: 3.142 min Scan# 337
Delta R.T. 0.007 min
Lab File: VX020208.D
Acq: 20 Dec 2020 06:20

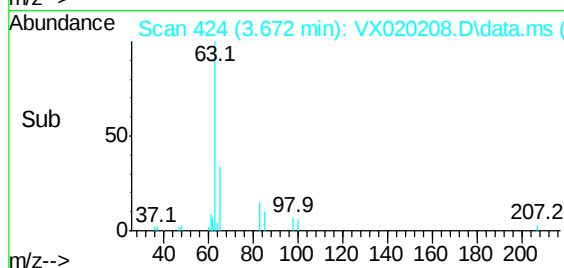
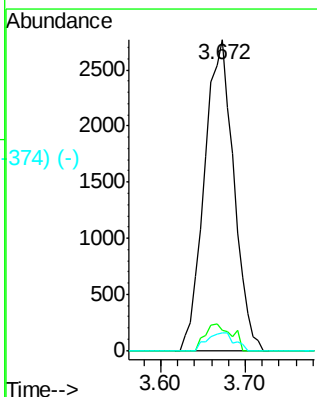
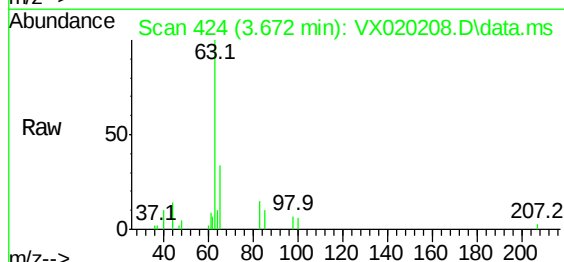
Instrument :
MSVOA_X
ClientSampleId :
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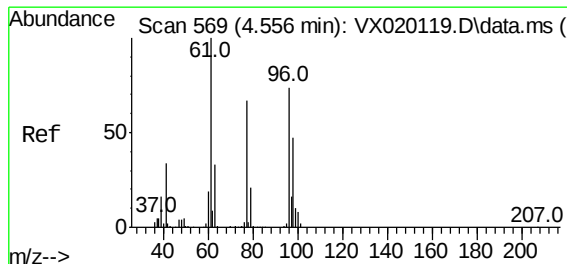
Tgt Ion:	96	Resp:	3209
Ion	Ratio	Lower	Upper
96	100		
61	136.3	107.7	161.5
98	64.1	50.4	75.6



1,1-Dichloroethane
Concen: 1.05 ug/l
RT: 3.672 min Scan# 424
Delta R.T. 0.006 min
Lab File: VX020208.D
Acq: 20 Dec 2020 06:20

Tgt Ion:	63	Resp:	6475
Ion	Ratio	Lower	Upper
63	100		
98	6.5	3.8	11.2
100	5.7	2.5	7.5

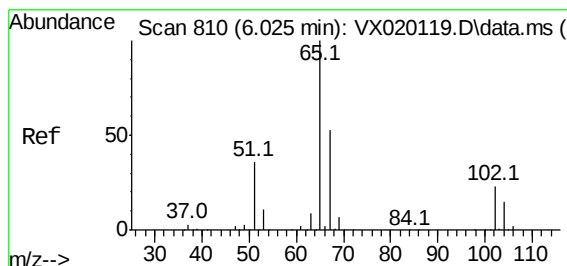
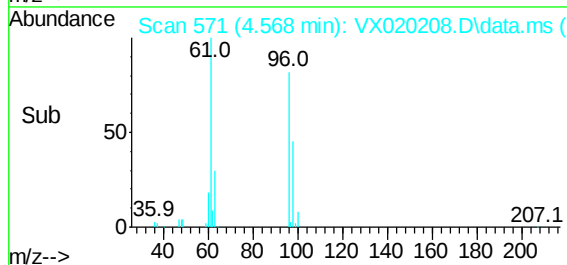
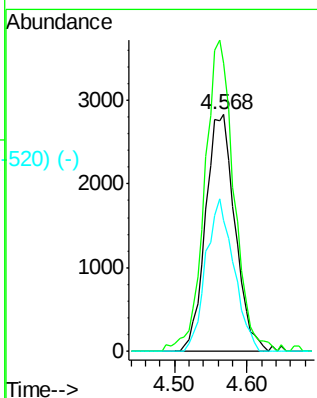
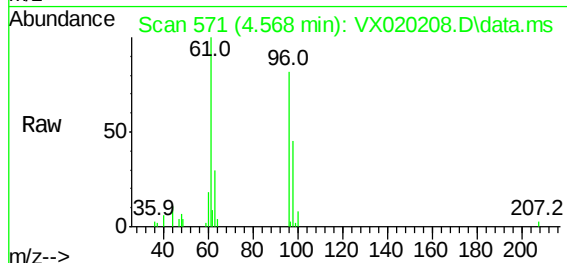




cis-1,2-Dichloroethene
Concen: 2.00 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.012 min
Lab File: VX020208.D
Acq: 20 Dec 2020 06:20

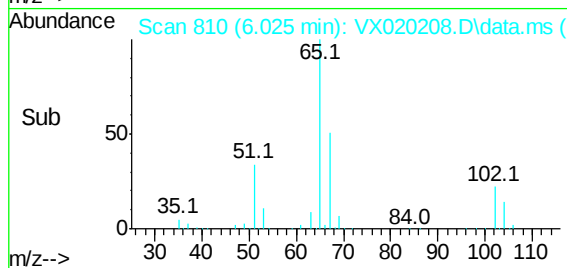
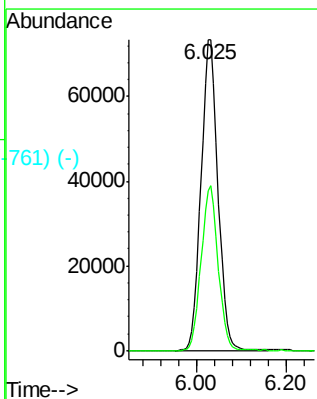
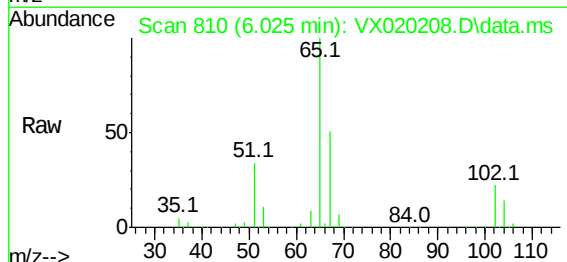
Instrument :
MSVOA_X
ClientSampleId :
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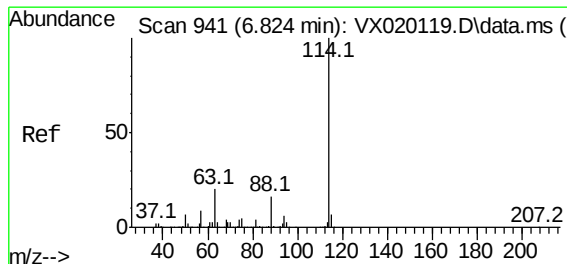
Tgt Ion: 96 Resp: 7910
Ion Ratio Lower Upper
96 100
61 131.3 0.0 285.6
98 61.0 0.0 129.6



1,2-Dichloroethane-d4
Concen: 50.62 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX020208.D
Acq: 20 Dec 2020 06:20

Tgt Ion: 65 Resp: 191695
Ion Ratio Lower Upper
65 100
67 53.0 0.0 105.4

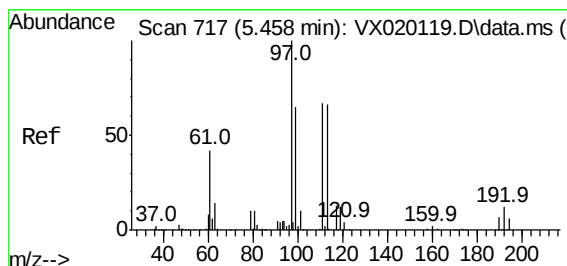
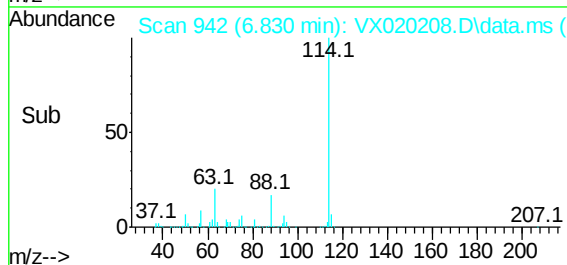
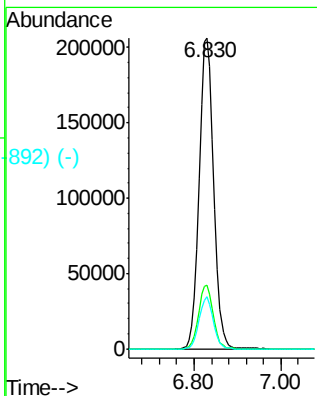
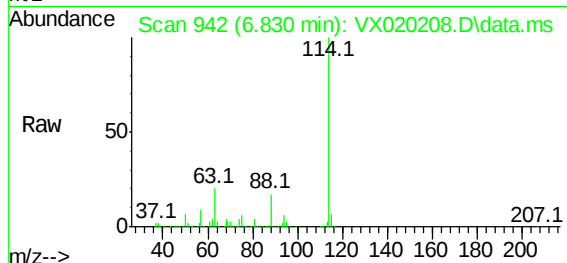




1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020208.D
Acq: 20 Dec 2020 06:20

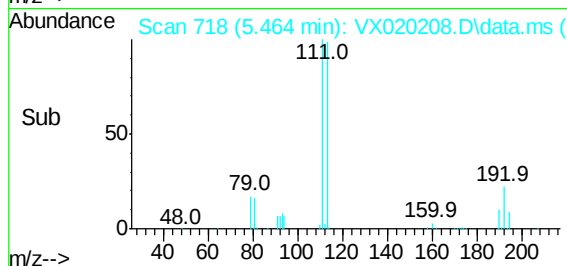
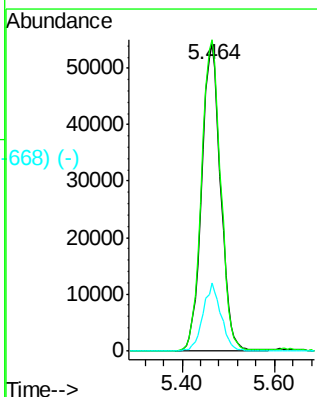
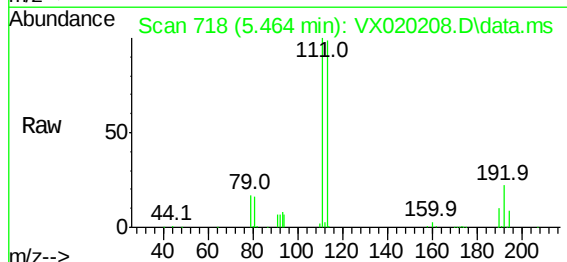
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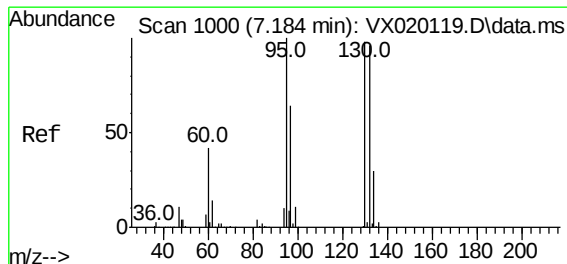
Tgt Ion:114 Resp: 486619
Ion Ratio Lower Upper
114 100
63 20.4 0.0 40.8
88 16.9 0.0 32.8



Dibromofluoromethane
Concen: 49.30 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020208.D
Acq: 20 Dec 2020 06:20

Tgt Ion:113 Resp: 153473
Ion Ratio Lower Upper
113 100
111 102.6 81.9 122.9
192 20.5 16.7 25.1

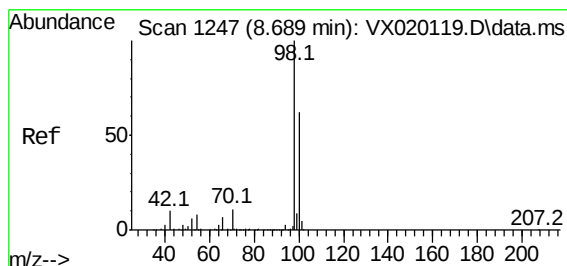
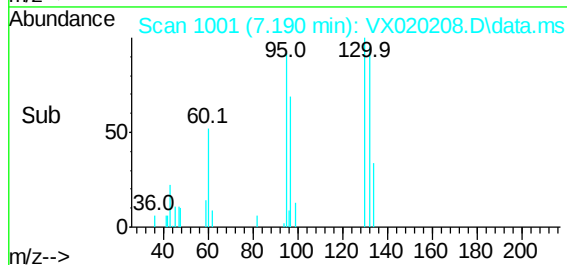
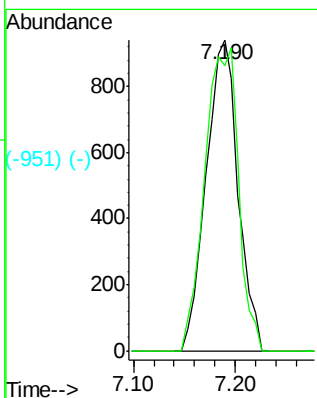
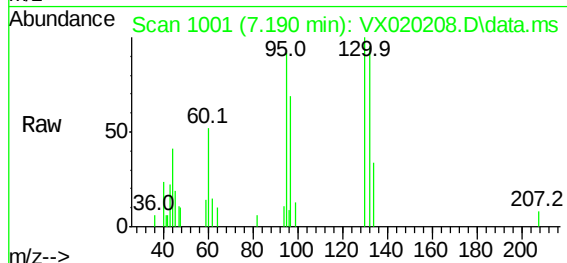




(-949) (-)
 Trichloroethene
 Concen: 0.53 ug/l
 RT: 7.190 min Scan# 1001
 Delta R.T. 0.006 min
 Lab File: VX020208.D
 Acq: 20 Dec 2020 06:20

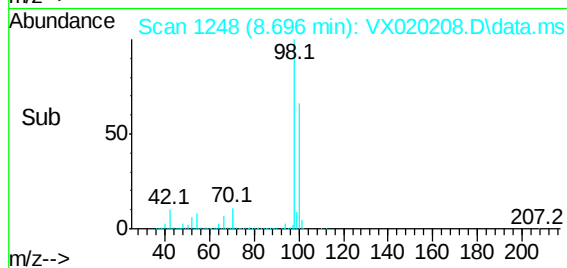
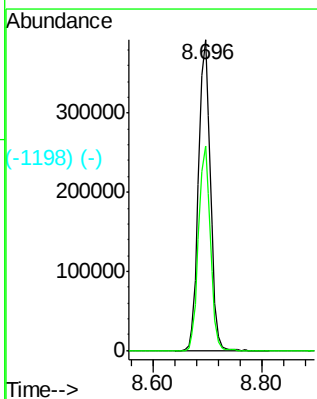
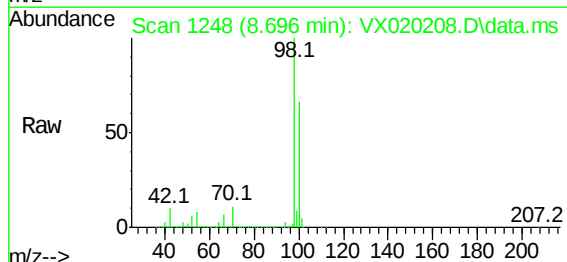
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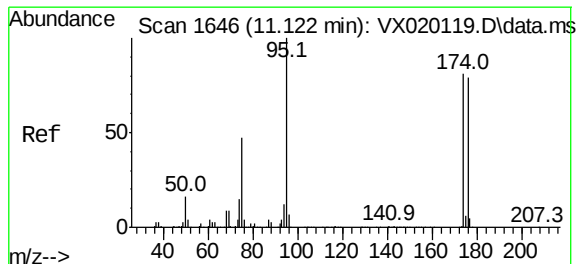
Tgt Ion:130 Resp: 2042
 Ion Ratio Lower Upper
 130 100
 95 91.6 0.0 198.0



(-1299) (-)
 Toluene-d8
 Concen: 49.44 ug/l
 RT: 8.696 min Scan# 1248
 Delta R.T. 0.007 min
 Lab File: VX020208.D
 Acq: 20 Dec 2020 06:20

Tgt Ion: 98 Resp: 592433
 Ion Ratio Lower Upper
 98 100
 100 65.5 51.9 77.9

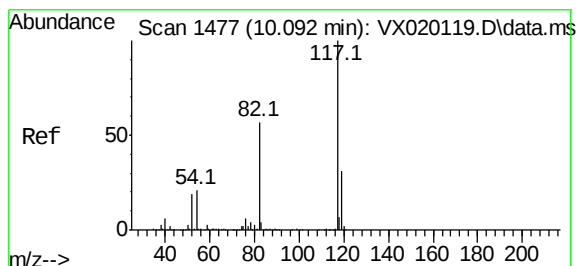
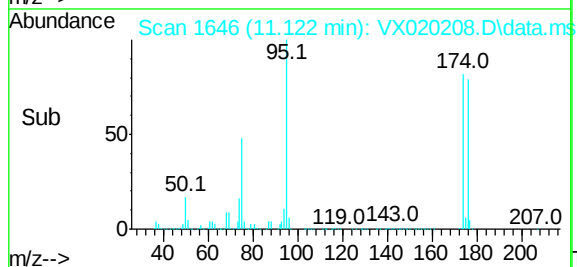
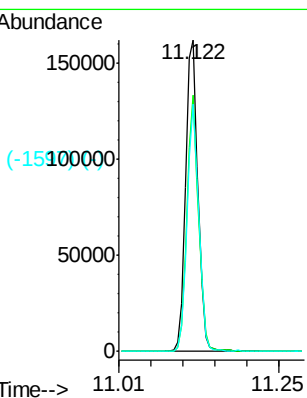
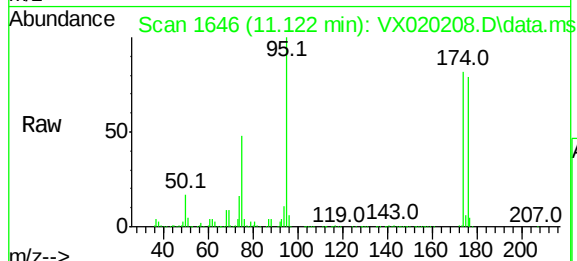




#639 (-)
4-Bromofluorobenzene
Concen: 45.50 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020208.D
Acq: 20 Dec 2020 06:20

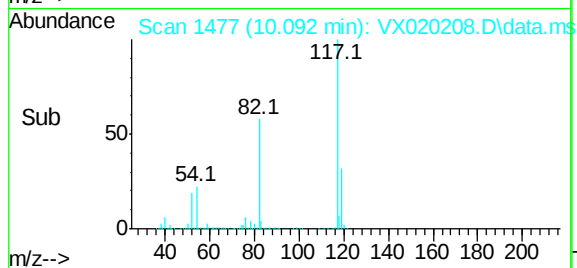
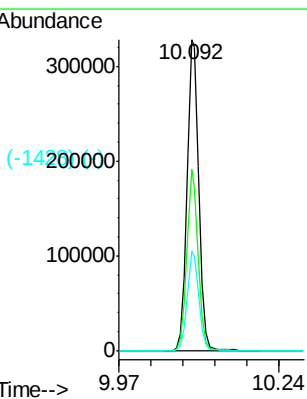
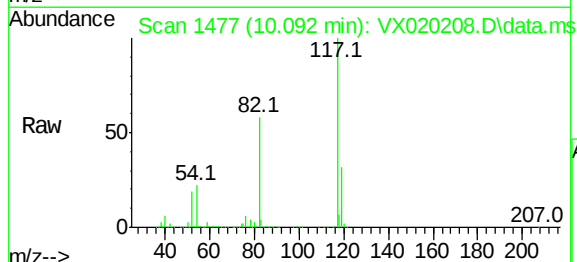
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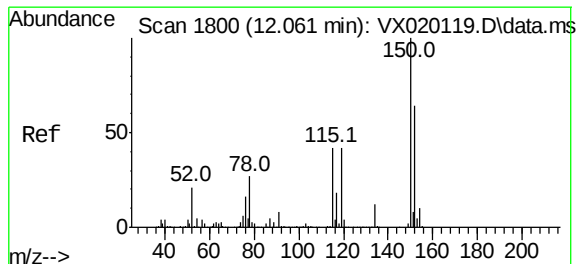
Tgt Ion:	95	Resp:	208682
Ion Ratio	Lower	Upper	
95	100		
174	77.1	0.0	154.6
176	75.0	0.0	155.8



#640 (-)
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020208.D
Acq: 20 Dec 2020 06:20

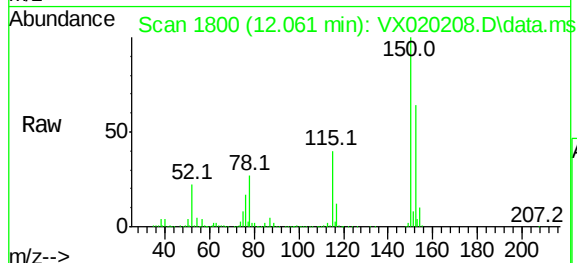
Tgt Ion:	117	Resp:	455843
Ion Ratio	Lower	Upper	
117	100		
82	58.3	47.4	71.2
119	32.1	26.6	39.8





#1794 (-)
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.061 min Scan# 1800
 Delta R.T. -0.000 min
 Lab File: VX020208.D
 Acq: 20 Dec 2020 06:20

Instrument :
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Tgt Ion:	152	Resp:	195069
Ion Ratio	Lower	Upper	
152	100		
115	60.8	41.1	123.3
150	159.0	0.0	349.0

