

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121920\
 Data File : VX020230.D
 Acq On : 20 Dec 2020 15:37
 Operator : JC/MD
 Sample : L5095-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 39-MWRE3S-121420

Quant Time: Dec 21 02:52:32 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)

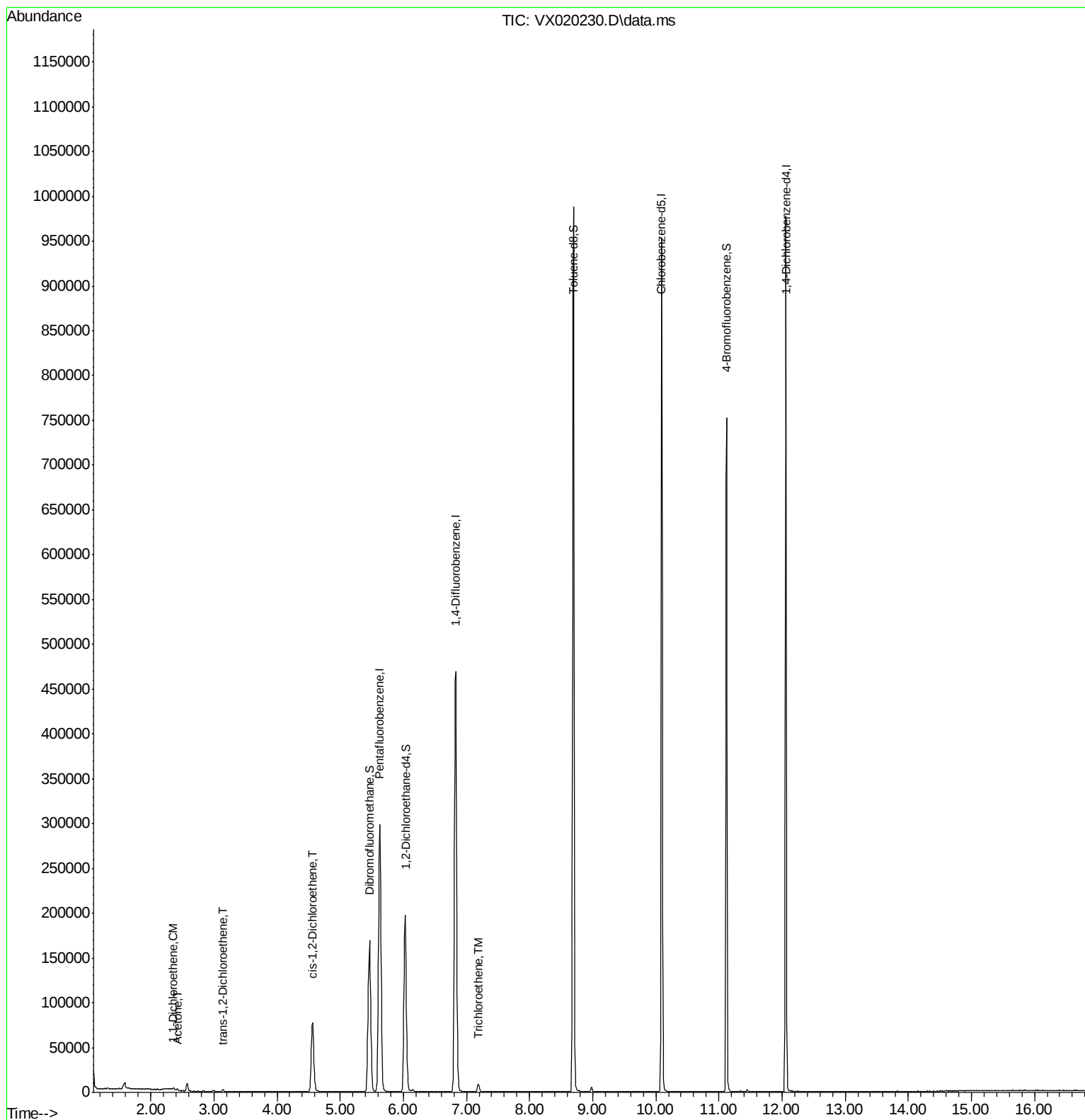
Internal Standards						
1) Pentafluorobenzene	5.623	168	283715	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	479880	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	442114	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	189892	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	190580	50.11	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	=	100.22%	
35) Dibromofluoromethane	5.464	113	151890	49.48	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	=	98.96%	
50) Toluene-d8	8.695	98	587105	49.69	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	=	99.38%	
62) 4-Bromofluorobenzene	11.122	95	204237	45.16	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	=	90.32%	
Target Compounds						
12) 1,1-Dichloroethene	2.355	96	632	0.22	ug/l	# 66
16) Acetone	2.416	43	1797	1.04	ug/l	94
21) trans-1,2-Dichloroethene	3.142	96	945	0.27	ug/l	91
27) cis-1,2-Dichloroethene	4.562	96	51632	13.01	ug/l	90
44) Trichloroethene	7.190	130	3348	0.88	ug/l	81

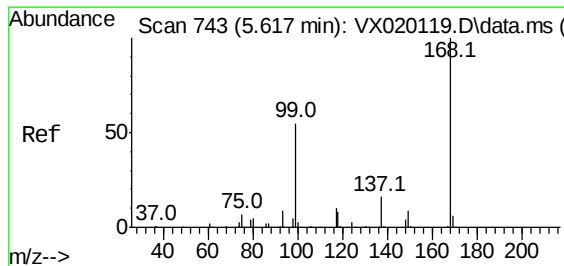
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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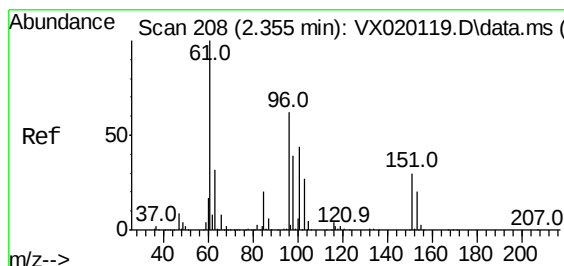
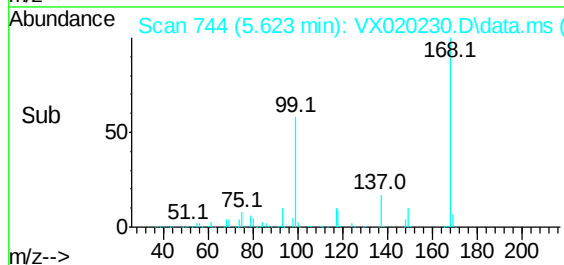
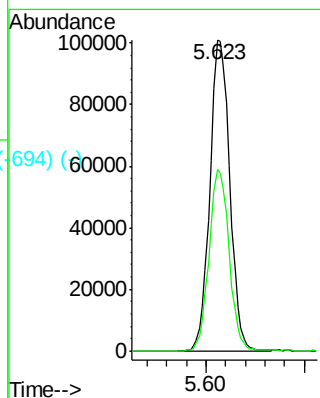
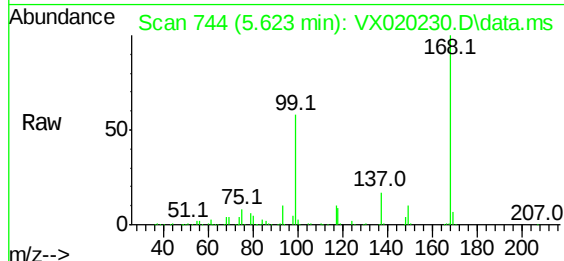




Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.006 min
Lab File: VX020230.D
Acq: 20 Dec 2020 15:37

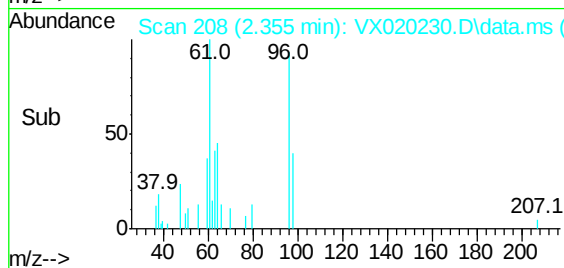
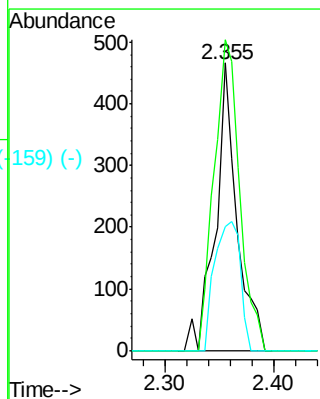
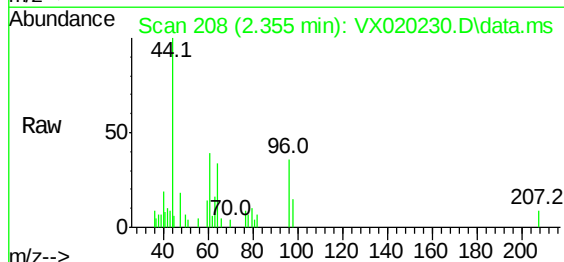
Instrument :
MSVOA_X
ClientSampleId :
39-MWRE3S-121420

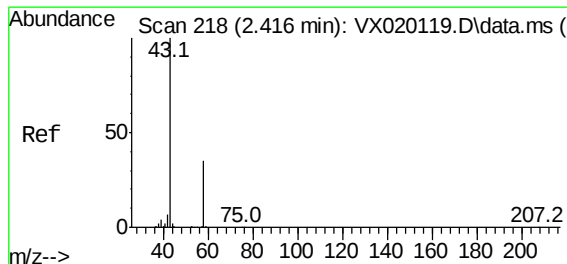
Tgt Ion:168 Resp: 283715
Ion Ratio Lower Upper
168 100
99 58.2 45.8 68.6



1,1-Dichloroethene
Concen: 0.22 ug/l
RT: 2.355 min Scan# 208
Delta R.T. 0.000 min
Lab File: VX020230.D
Acq: 20 Dec 2020 15:37

Tgt Ion: 96 Resp: 632
Ion Ratio Lower Upper
96 100
61 107.9 124.6 187.0#
98 43.0 50.6 76.0#





Acetone

Concen: 1.04 ug/l

RT: 2.416 min Scan# 218

Delta R.T. 0.000 min

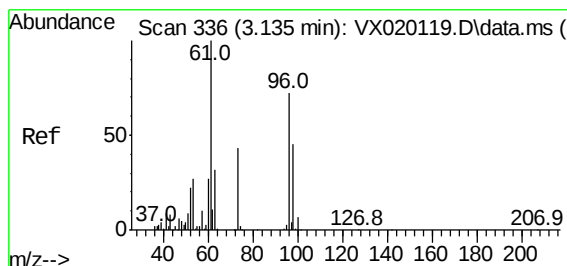
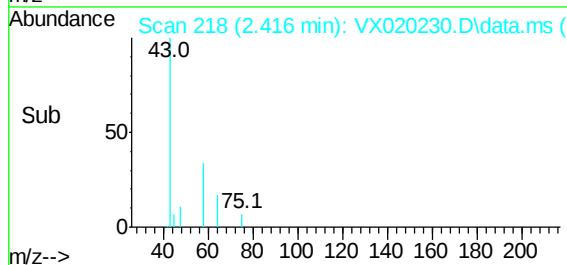
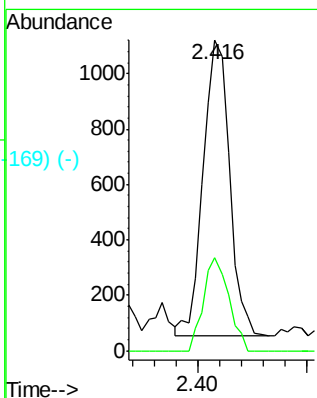
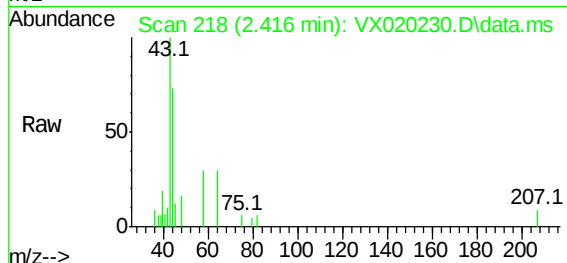
Lab File: VX020230.D

Acq: 20 Dec 2020 15:37

Instrument :
MSVOA_X
ClientSampleId :
39-MWRE3S-121420

Tgt Ion: 43 Resp: 1797

Ion	Ratio	Lower	Upper
43	100		
58	31.5	27.8	41.8



trans-1,2-Dichloroethene

Concen: 0.27 ug/l

RT: 3.142 min Scan# 337

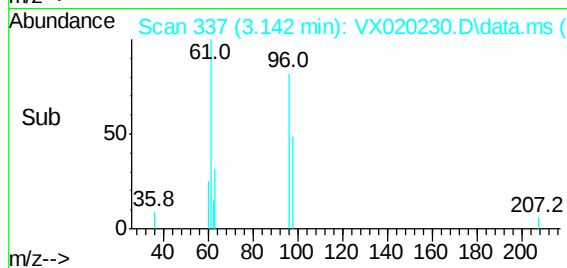
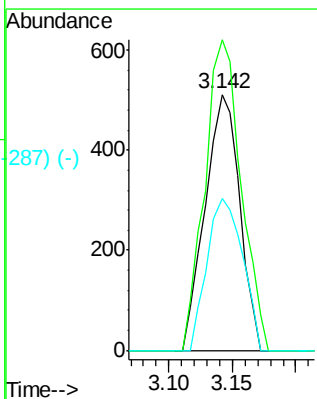
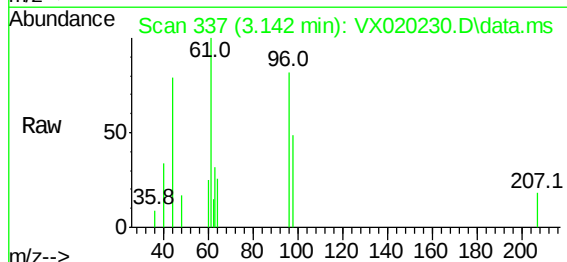
Delta R.T. 0.007 min

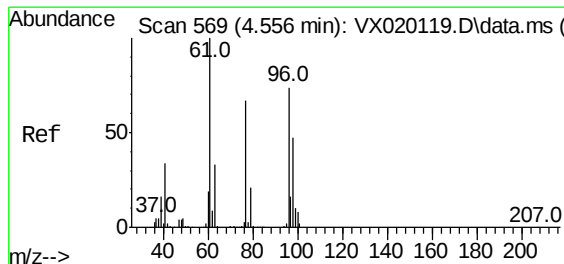
Lab File: VX020230.D

Acq: 20 Dec 2020 15:37

Tgt Ion: 96 Resp: 945

Ion	Ratio	Lower	Upper
96	100		
61	121.5	107.7	161.5
98	59.5	50.4	75.6

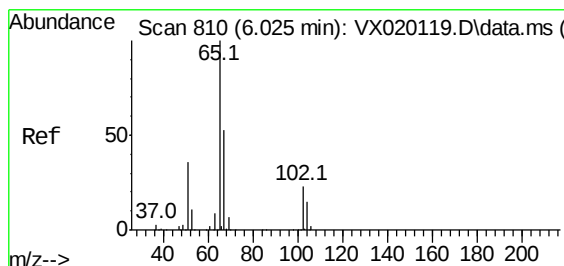
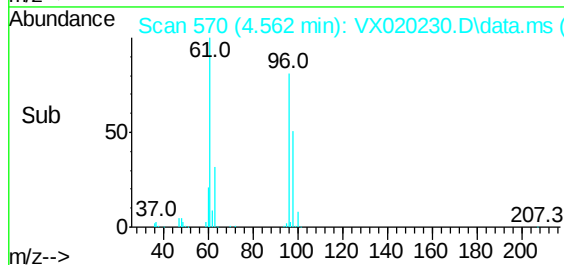
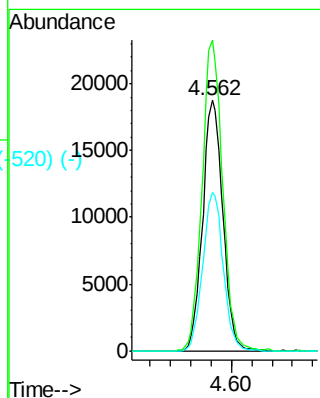
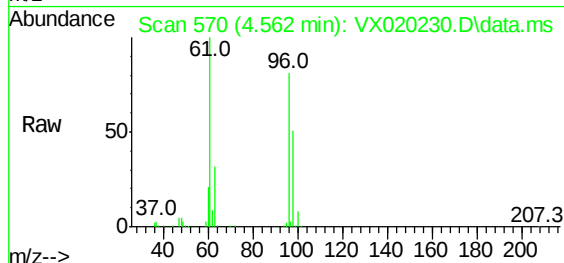




cis-1,2-Dichloroethene
Concen: 13.01 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.006 min
Lab File: VX020230.D
Acq: 20 Dec 2020 15:37

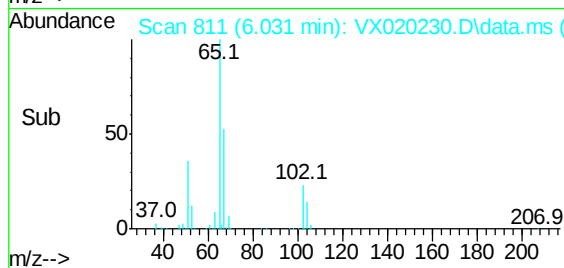
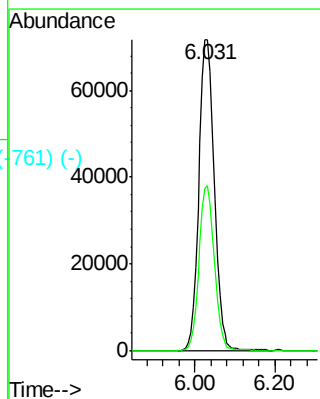
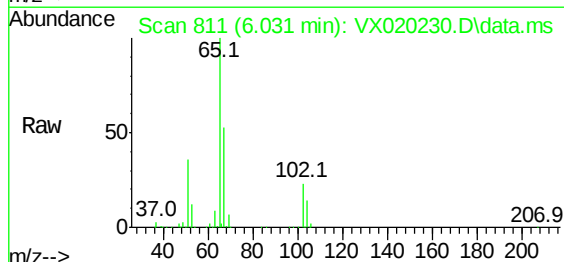
Instrument :
MSVOA_X
ClientSampleId :
39-MWRE3S-121420

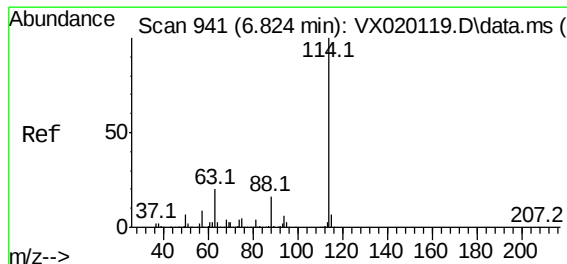
Tgt Ion: 96 Resp: 51632
Ion Ratio Lower Upper
96 100
61 126.1 0.0 285.6
98 63.8 0.0 129.6



1,2-Dichloroethane-d4
Concen: 50.11 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020230.D
Acq: 20 Dec 2020 15:37

Tgt Ion: 65 Resp: 190580
Ion Ratio Lower Upper
65 100
67 52.6 0.0 105.4

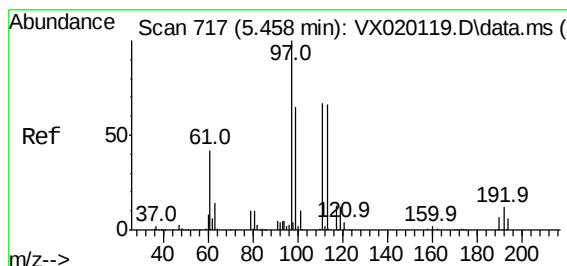
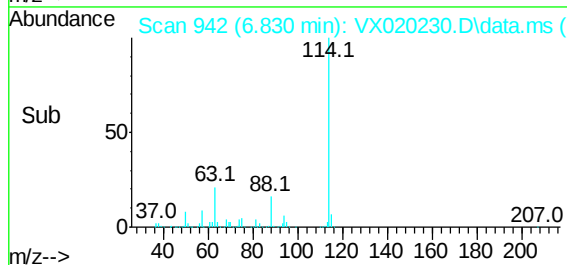
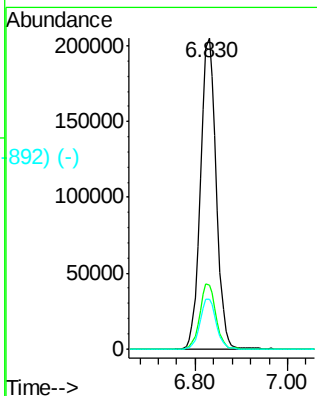
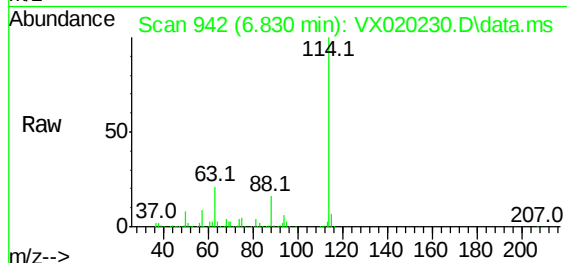




1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020230.D
Acq: 20 Dec 2020 15:37

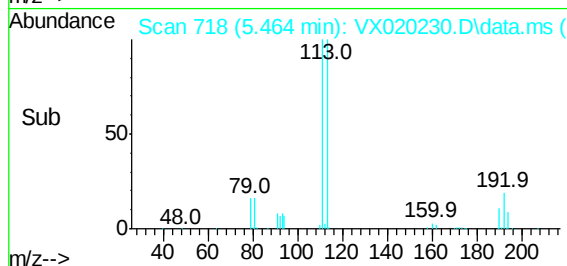
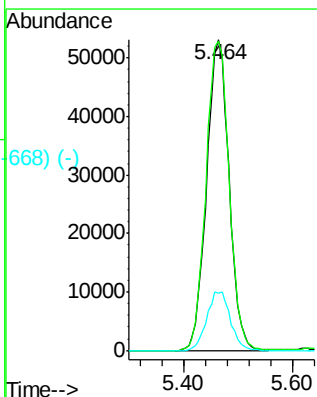
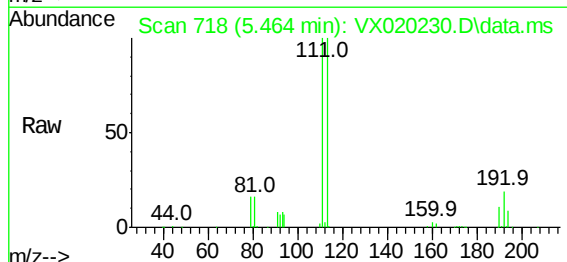
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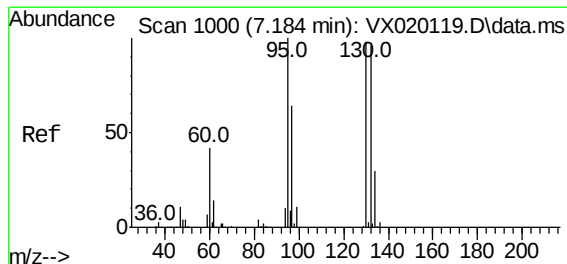
Tgt Ion:	114	Resp:	479880
Ion Ratio	Lower	Upper	
114	100		
63	20.6	0.0	40.8
88	16.1	0.0	32.8



Dibromofluoromethane
Concen: 49.48 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020230.D
Acq: 20 Dec 2020 15:37

Tgt Ion:	113	Resp:	151890
Ion Ratio	Lower	Upper	
113	100		
111	102.9	81.9	122.9
192	19.7	16.7	25.1

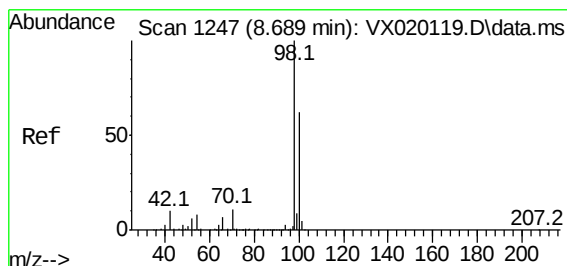
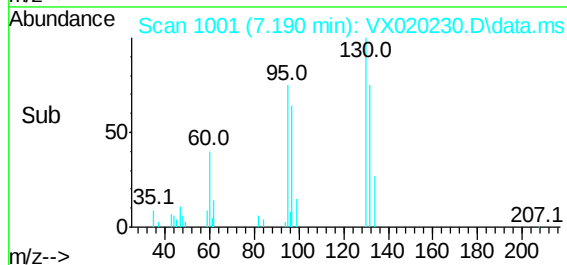
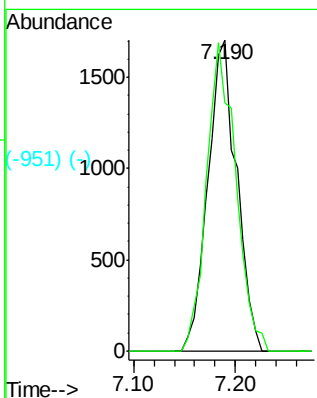
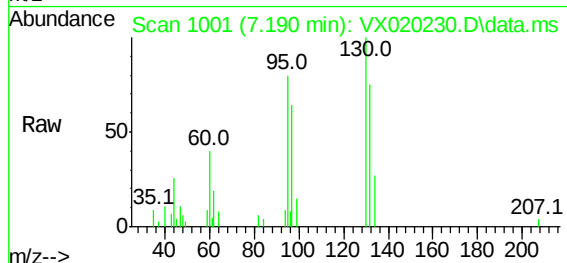




(-949) (-)
 Trichloroethene
 Concen: 0.88 ug/l
 RT: 7.190 min Scan# 1001
 Delta R.T. 0.006 min
 Lab File: VX020230.D
 Acq: 20 Dec 2020 15:37

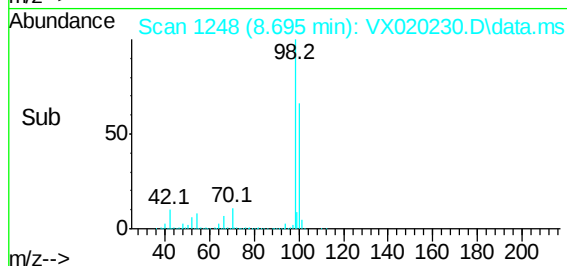
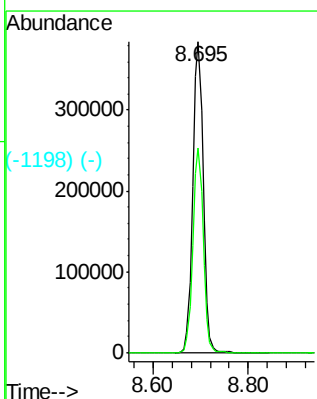
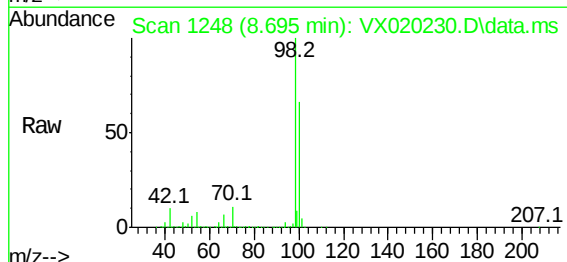
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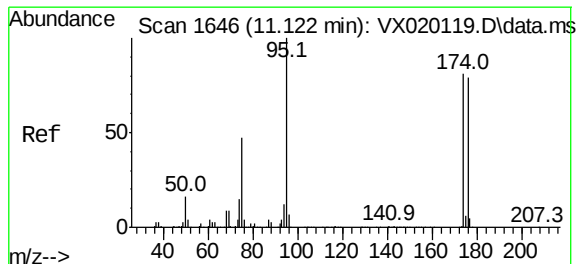
Tgt Ion:130 Resp: 3348
 Ion Ratio Lower Upper
 130 100
 95 79.8 0.0 198.0



(-1299) (-)
 Toluene-d8
 Concen: 49.69 ug/l
 RT: 8.695 min Scan# 1248
 Delta R.T. 0.006 min
 Lab File: VX020230.D
 Acq: 20 Dec 2020 15:37

Tgt Ion: 98 Resp: 587105
 Ion Ratio Lower Upper
 98 100
 100 65.5 51.9 77.9

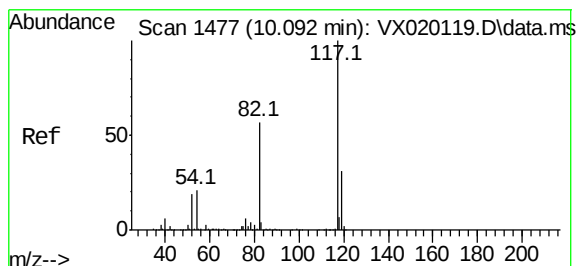
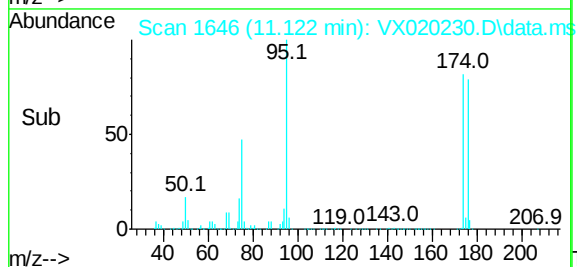
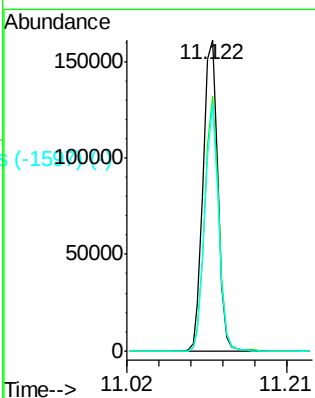
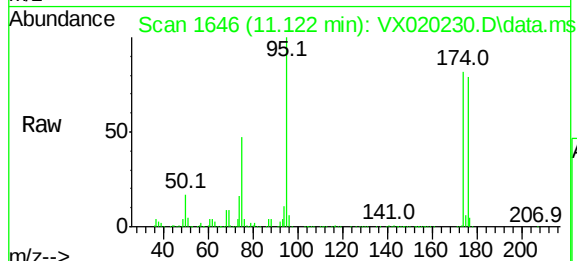




#639 (-)
 4-Bromofluorobenzene
 Concen: 45.16 ug/l
 RT: 11.122 min Scan# 1646
 Delta R.T. -0.000 min
 Lab File: VX020230.D
 Acq: 20 Dec 2020 15:37

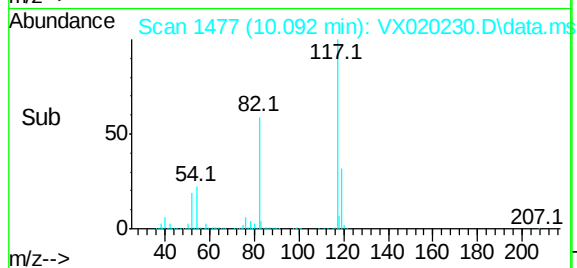
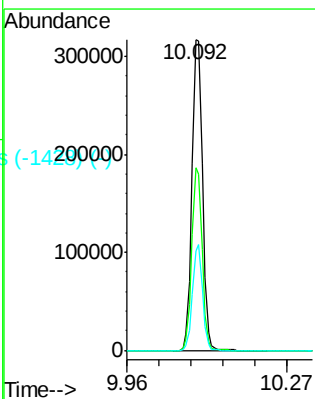
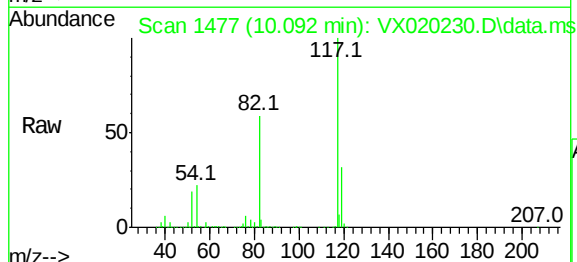
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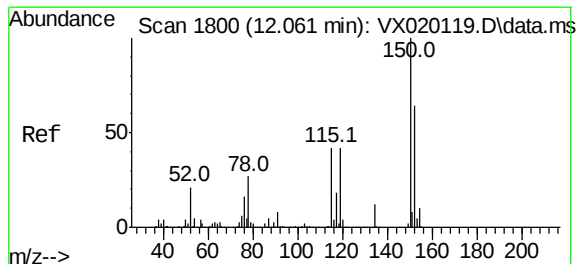
Tgt Ion:	95	Resp:	204237
Ion Ratio	Lower	Upper	
95	100		
174	78.5	0.0	154.6
176	74.7	0.0	155.8



#640 (-)
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 10.092 min Scan# 1477
 Delta R.T. -0.000 min
 Lab File: VX020230.D
 Acq: 20 Dec 2020 15:37

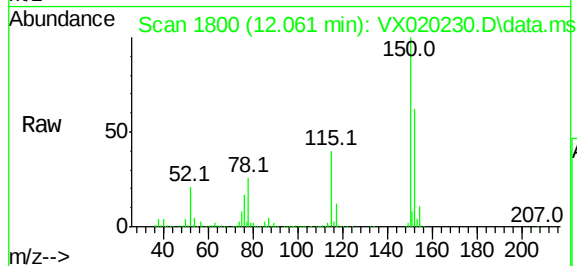
Tgt Ion:	117	Resp:	442114
Ion Ratio	Lower	Upper	
117	100		
82	58.8	47.4	71.2
119	31.9	26.6	39.8





#1794 (-)
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.061 min Scan# 1800
 Delta R.T. -0.000 min
 Lab File: VX020230.D
 Acq: 20 Dec 2020 15:37

Instrument :
 MSVOA_X
ClientSampleId :
 39-MWRE3S-121420



Tgt Ion:152 Resp: 189892

Ion	Ratio	Lower	Upper
152	100		
115	61.7	41.1	123.3
150	161.0	0.0	349.0

