

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122320\
 Data File : VX020370.D
 Acq On : 24 Dec 2020 04:21
 Operator : JC/MD
 Sample : L5095-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 39-MWE8-121420

Quant Time: Dec 24 05:37:37 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)

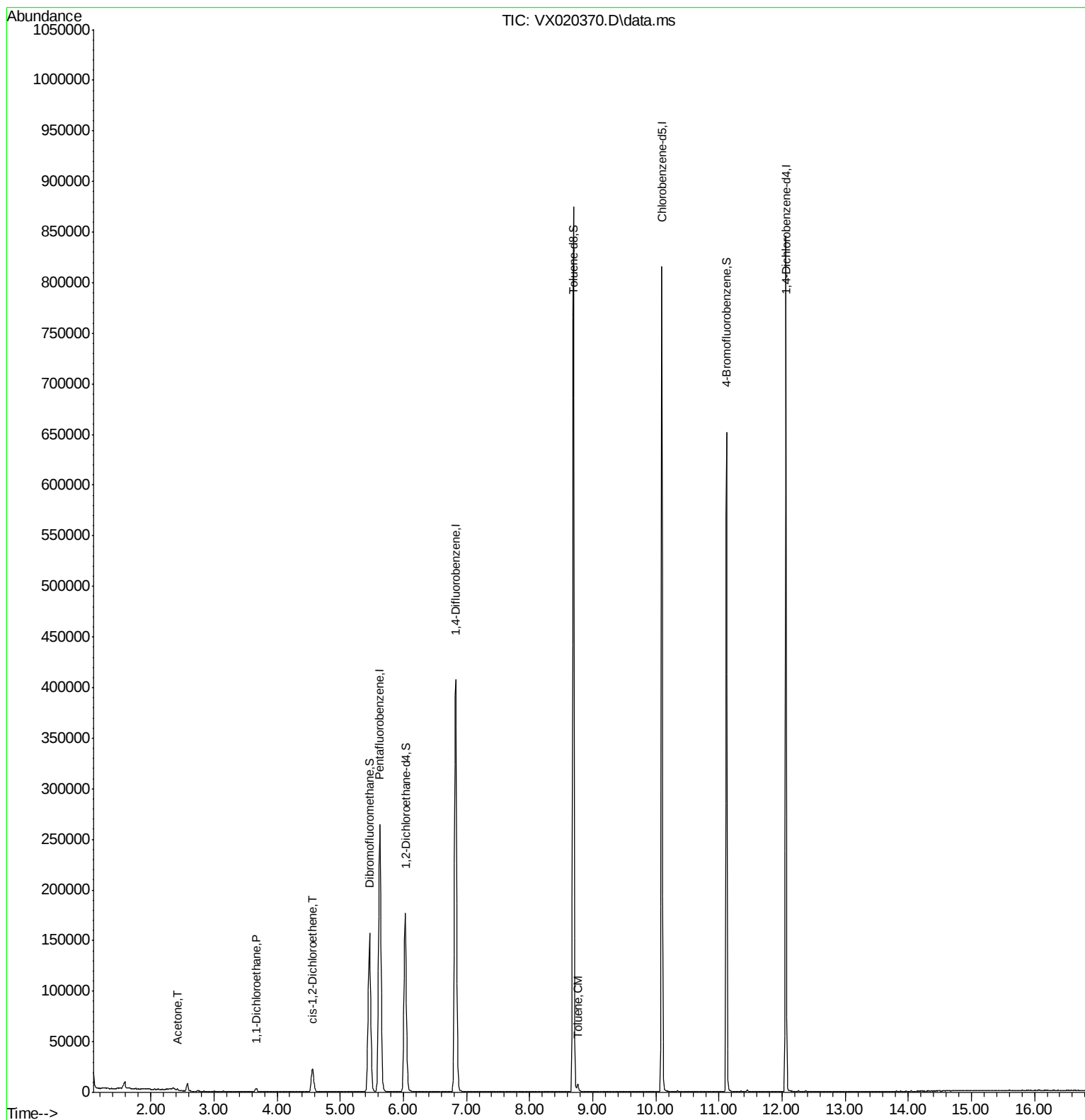
Internal Standards						
1) Pentafluorobenzene	5.629	168	244243	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	412900	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	385240	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	168688	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	169124	51.66	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	=	103.32%	
35) Dibromofluoromethane	5.464	113	135150	51.17	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	=	102.34%	
50) Toluene-d8	8.695	98	509088	50.07	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	=	100.14%	
62) 4-Bromofluorobenzene	11.122	95	174550	44.86	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	=	89.72%	
Target Compounds						
						Qvalue
16) Acetone	2.416	43	1590	1.07	ug/l	98
24) 1,1-Dichloroethane	3.666	63	3605	0.68	ug/l #	93
27) cis-1,2-Dichloroethene	4.562	96	15134	4.43	ug/l	90
52) Toluene	8.763	92	2640	0.34	ug/l	93

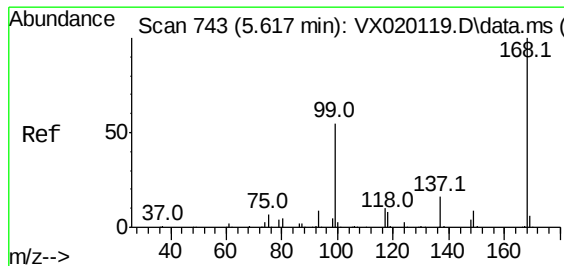
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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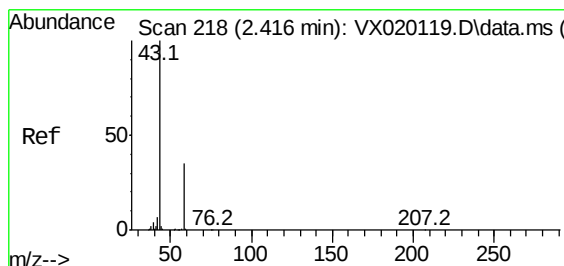
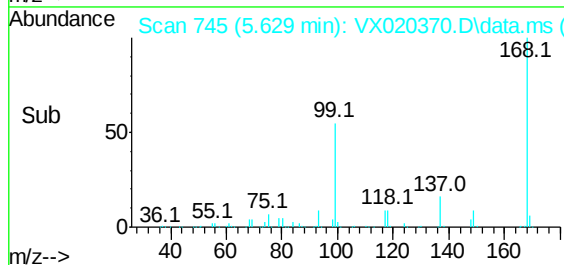
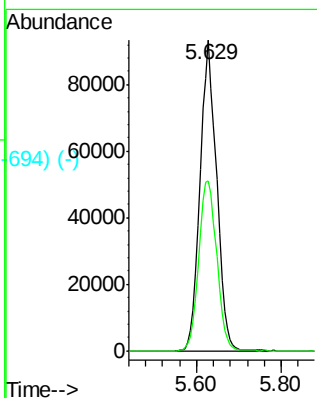
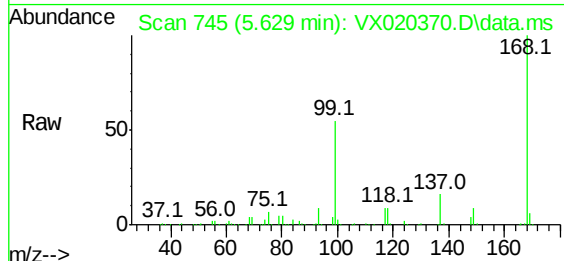




Scan 743 (5.617 min): VX020119.D\data.ms (-743) (-)
 Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 5.629 min Scan# 745
 Delta R.T. 0.012 min
 Lab File: VX020370.D
 Acq: 24 Dec 2020 04:21

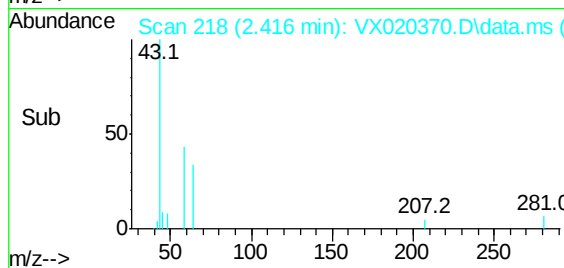
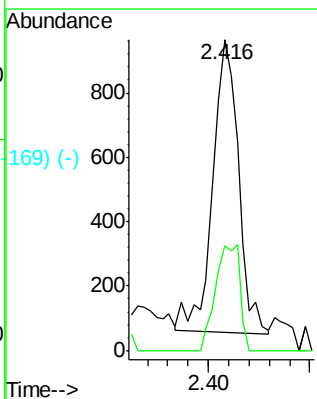
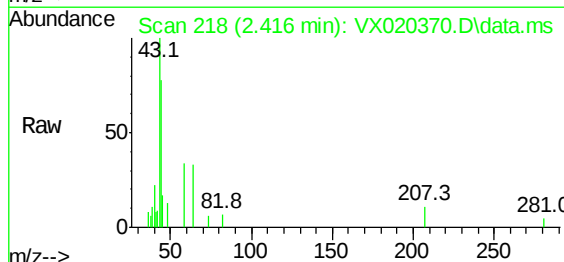
Instrument :
 MSVOA_X
 ClientSampleId :
 39-MWE8-121420

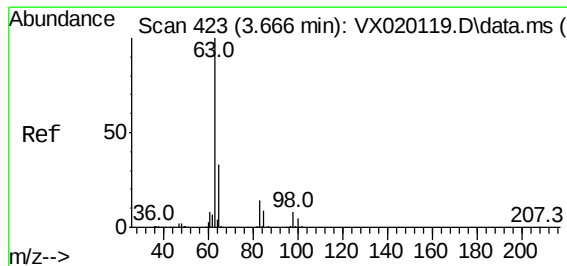
Tgt Ion: 168 Resp: 244243
 Ion Ratio Lower Upper
 168 100
 99 54.9 45.8 68.6



Scan 218 (2.416 min): VX020119.D\data.ms (-218) (-)
 Acetone
 Concen: 1.07 ug/l
 RT: 2.416 min Scan# 218
 Delta R.T. 0.000 min
 Lab File: VX020370.D
 Acq: 24 Dec 2020 04:21

Tgt Ion: 43 Resp: 1590
 Ion Ratio Lower Upper
 43 100
 58 36.0 27.8 41.8

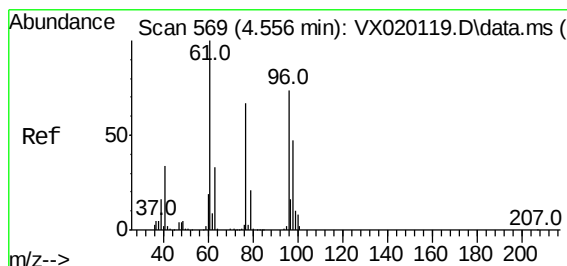
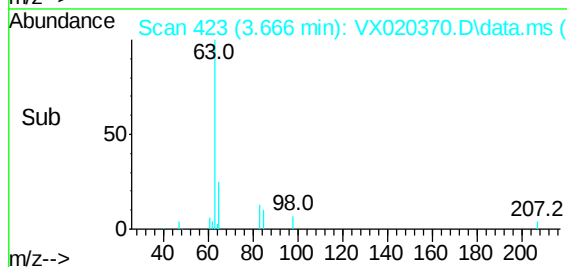
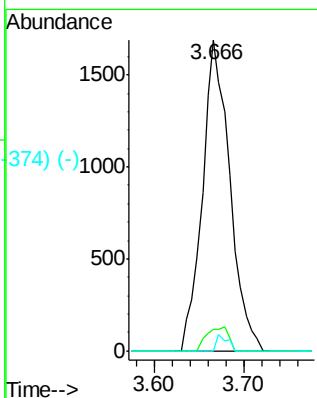
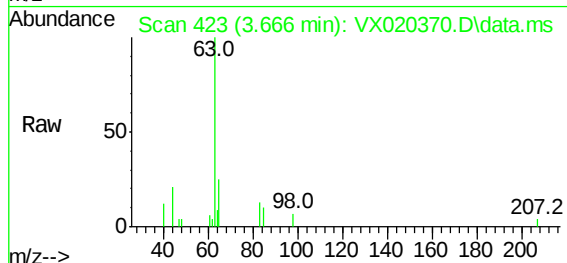




1,1-Dichloroethane
Concen: 0.68 ug/l
RT: 3.666 min Scan# 423
Delta R.T. -0.000 min
Lab File: VX020370.D
Acq: 24 Dec 2020 04:21

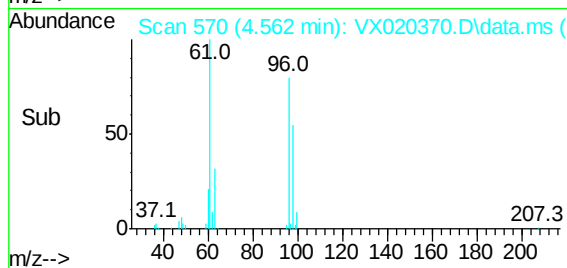
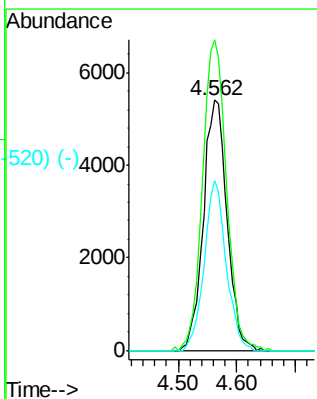
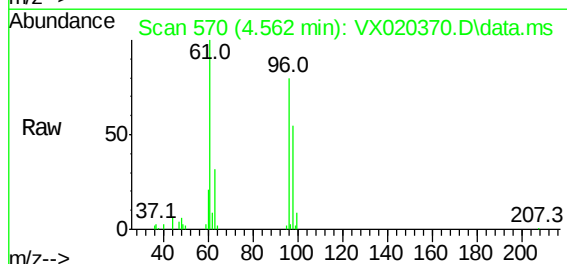
Instrument :
MSVOA_X
ClientSampleId :
39-MWE8-121420

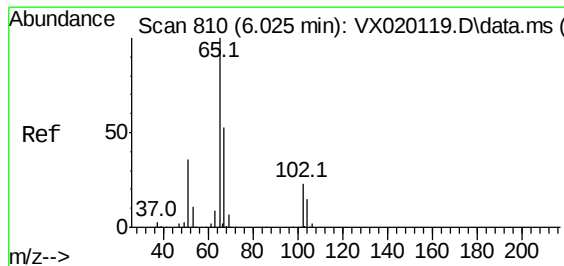
Tgt Ion: 63 Resp: 3605
Ion Ratio Lower Upper
63 100
98 7.0 3.8 11.2
100 0.0 2.5 7.5#



cis-1,2-Dichloroethene
Concen: 4.43 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.006 min
Lab File: VX020370.D
Acq: 24 Dec 2020 04:21

Tgt Ion: 96 Resp: 15134
Ion Ratio Lower Upper
96 100
61 125.8 0.0 285.6
98 62.7 0.0 129.6

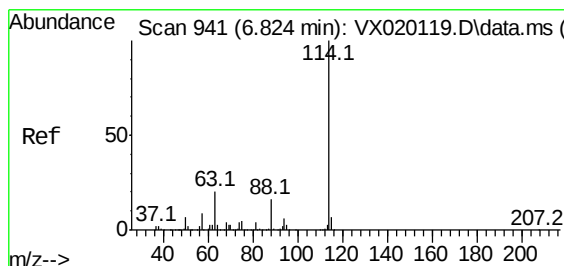
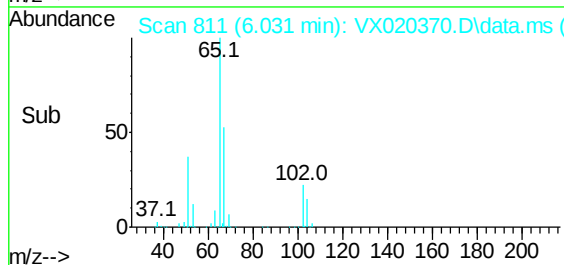
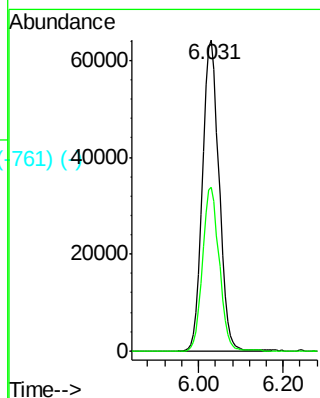
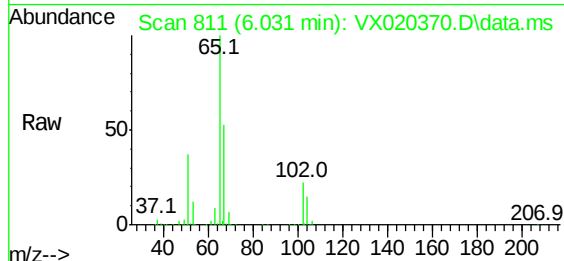




1,2-Dichloroethane-d4
 Concen: 51.66 ug/l
 RT: 6.031 min Scan# 811
 Delta R.T. 0.006 min
 Lab File: VX020370.D
 Acq: 24 Dec 2020 04:21

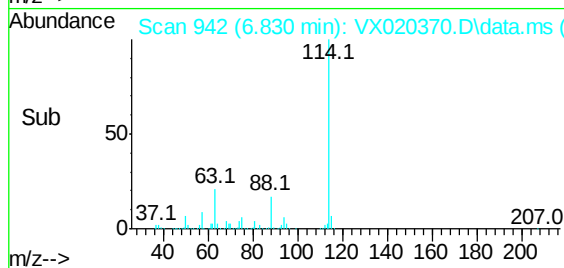
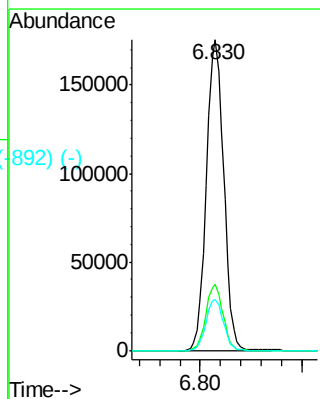
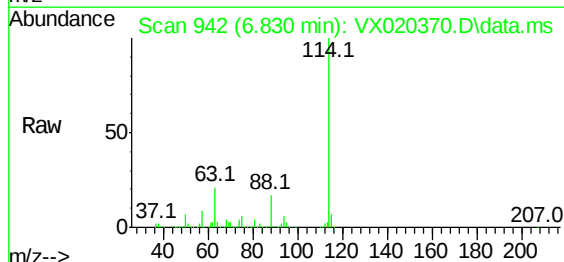
Instrument :
 MSVOA_X
 ClientSampleId :
 39-MWE8-121420

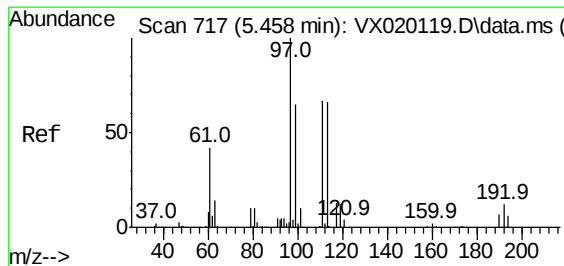
Tgt Ion: 65 Resp: 169124
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 105.4



1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.830 min Scan# 942
 Delta R.T. 0.006 min
 Lab File: VX020370.D
 Acq: 24 Dec 2020 04:21

Tgt Ion: 114 Resp: 412900
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 40.8
 88 16.5 0.0 32.8

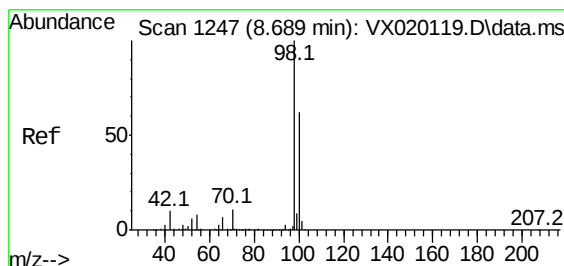
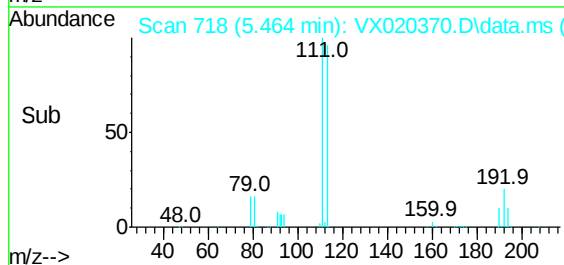
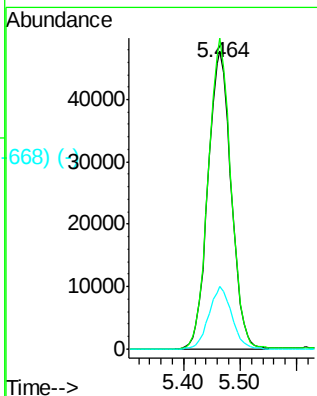
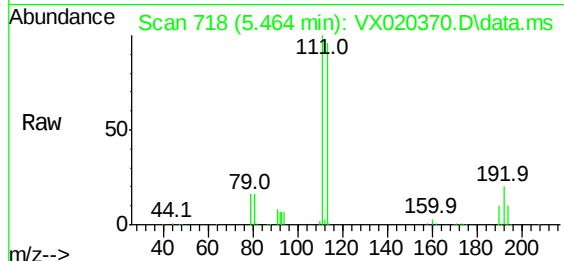




Dibromofluoromethane
Concen: 51.17 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020370.D
Acq: 24 Dec 2020 04:21

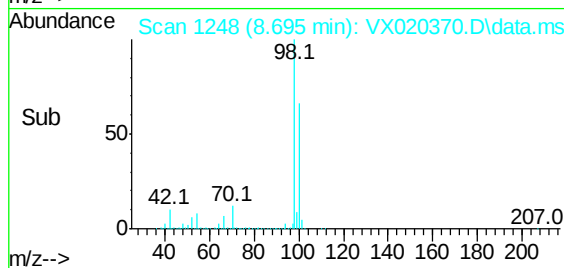
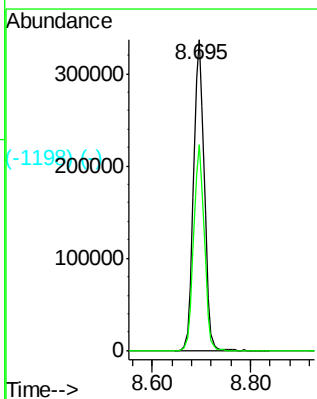
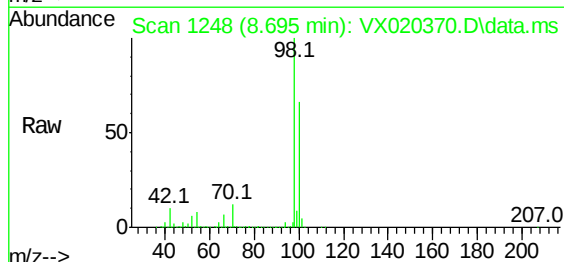
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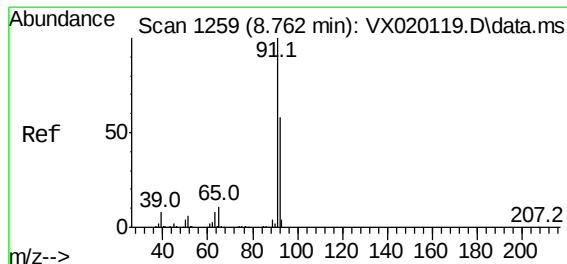
Tgt Ion:113 Resp: 135150
Ion Ratio Lower Upper
113 100
111 102.3 81.9 122.9
192 20.5 16.7 25.1



Toluene-d8
Concen: 50.07 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.006 min
Lab File: VX020370.D
Acq: 24 Dec 2020 04:21

Tgt Ion: 98 Resp: 509088
Ion Ratio Lower Upper
98 100
100 65.7 51.9 77.9

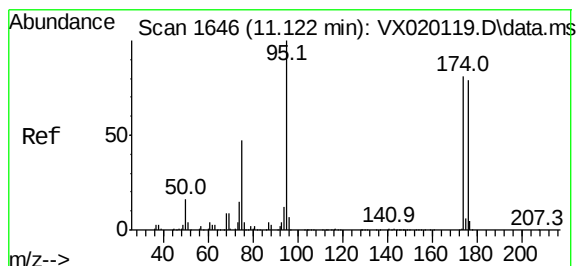
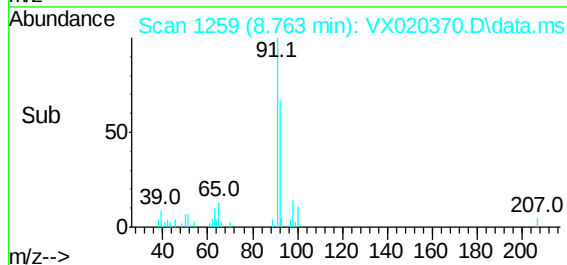
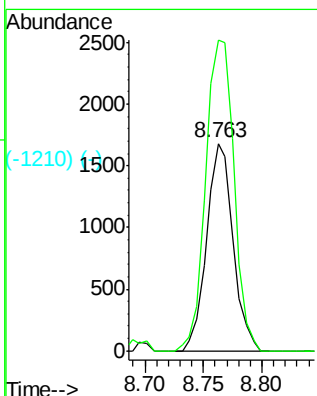
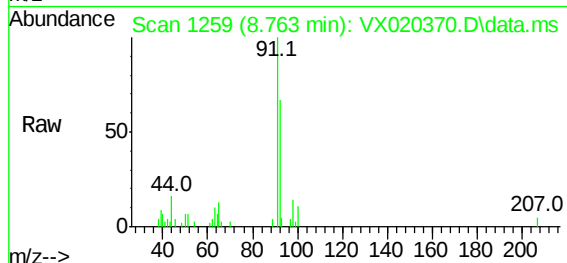




#521 (-)
Toluene
Concen: 0.34 ug/l
RT: 8.763 min Scan# 1259
Delta R.T. 0.001 min
Lab File: VX020370.D
Acq: 24 Dec 2020 04:21

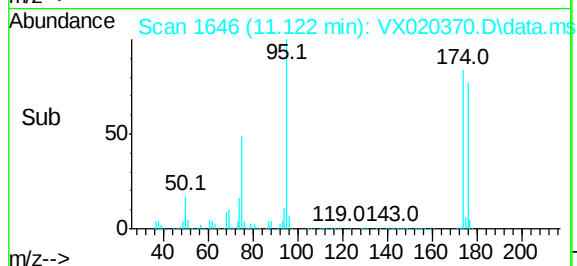
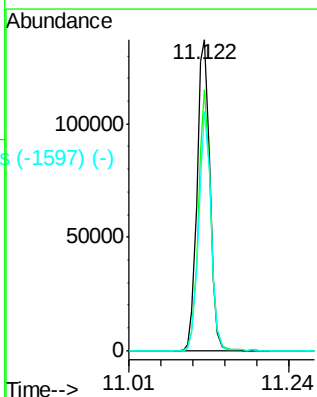
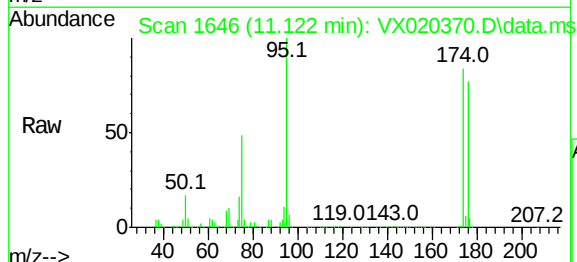
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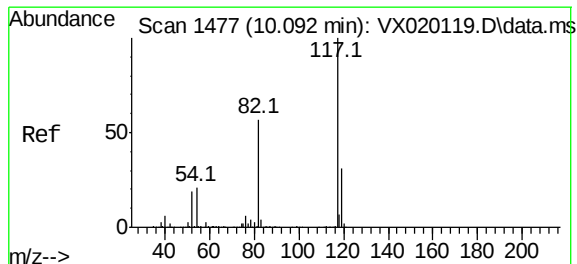
Tgt Ion: 92 Resp: 2640
Ion Ratio Lower Upper
92 100
91 161.4 137.1 205.7



#523 (-)
4-Bromofluorobenzene
Concen: 44.86 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020370.D
Acq: 24 Dec 2020 04:21

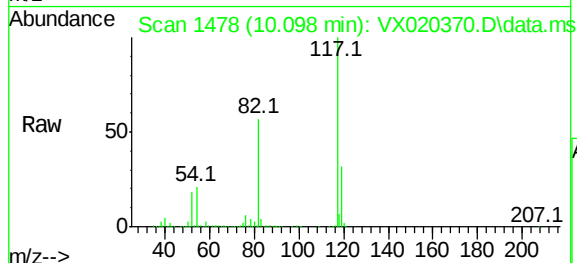
Tgt Ion: 95 Resp: 174550
Ion Ratio Lower Upper
95 100
174 78.6 0.0 154.6
176 73.2 0.0 155.8



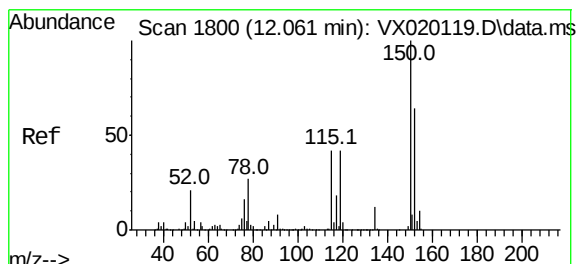
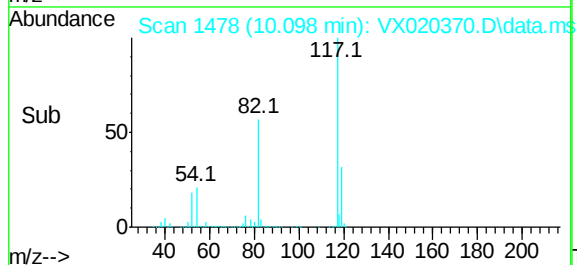
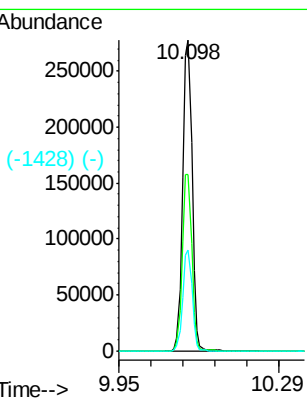


#6270 (-)
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020370.D
Acq: 24 Dec 2020 04:21

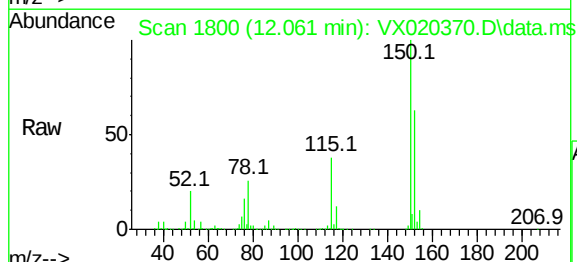
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ClientSampleId :
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Tgt Ion:	117	Resp:	385240
Ion Ratio	Lower	Upper	
117	100		
82	57.0	47.4	71.2
119	32.3	26.6	39.8



#1724 (-)
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020370.D
Acq: 24 Dec 2020 04:21



Tgt Ion:	152	Resp:	168688
Ion Ratio	Lower	Upper	
152	100		
115	60.3	41.1	123.3
150	156.9	0.0	349.0

