

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090923\
 Data File : VX037627.D
 Acq On : 09 Sep 2023 14:59
 Operator : JC/MD
 Sample : 04315-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TOWER-1

Quant Time: Sep 11 01:22:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090823W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 09 06:38:11 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

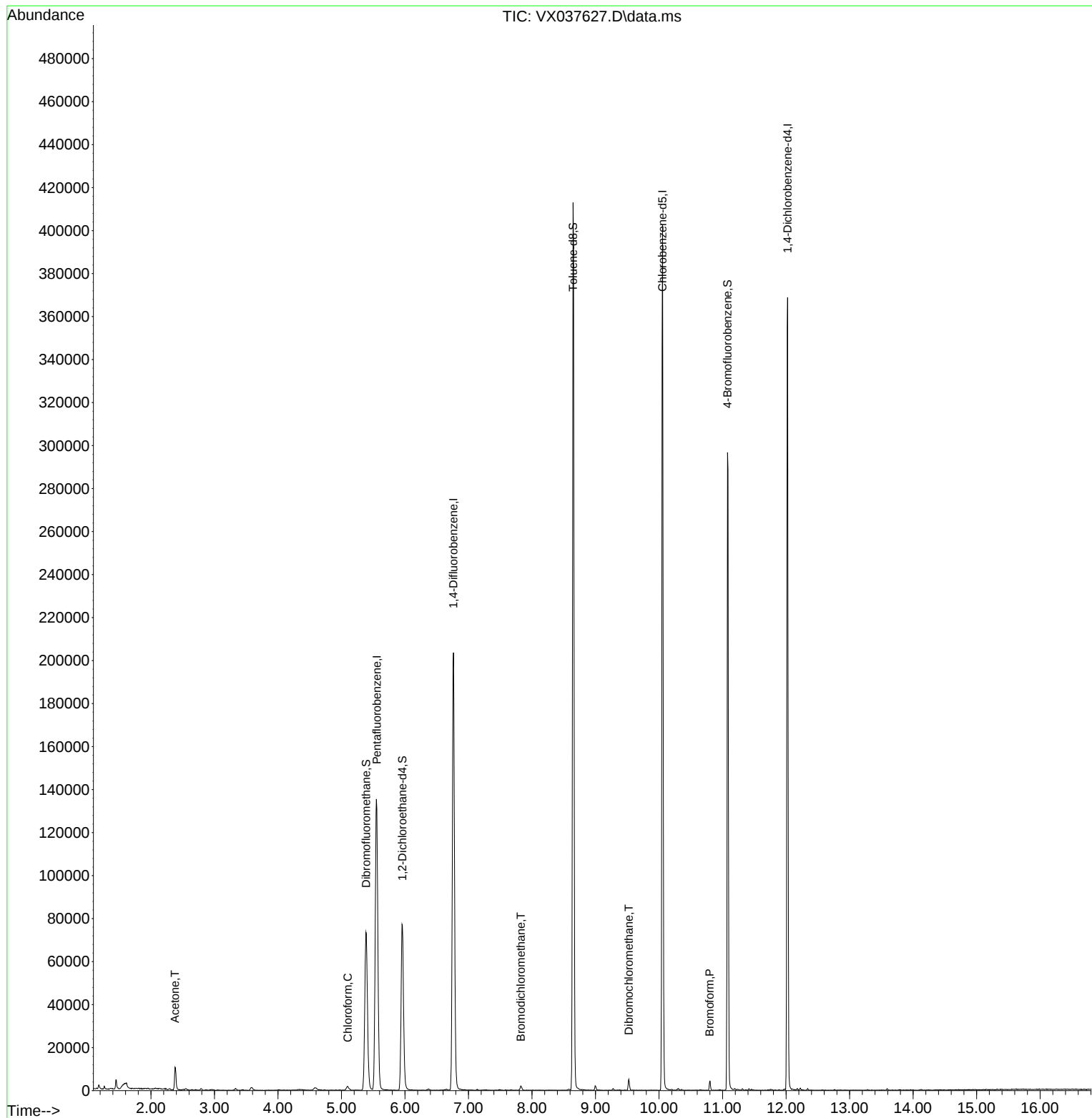
Internal Standards						
1) Pentafluorobenzene	5.556	168	133249	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	221533	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	194475	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	82763	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	75951	42.226	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	84.460%
35) Dibromofluoromethane	5.385	113	67782	43.745	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.480%
50) Toluene-d8	8.647	98	258811	45.540	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.080%#
62) 4-Bromofluorobenzene	11.079	95	89697	41.878	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	83.760%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	11444	15.471	ug/l #	87
30) Chloroform	5.099	83	2395	0.806	ug/l	93
47) Bromodichloromethane	7.824	83	1598	0.755	ug/l	94
60) Dibromochloromethane	9.525	129	2467	1.457	ug/l	97
71) Bromoform	10.799	173	1755	1.703	ug/l #	96

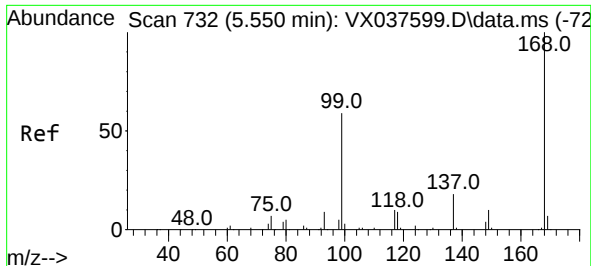
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Sep 09 06:38:11 2023
Response via : Initial Calibration

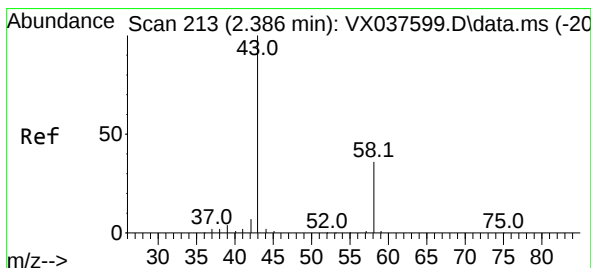
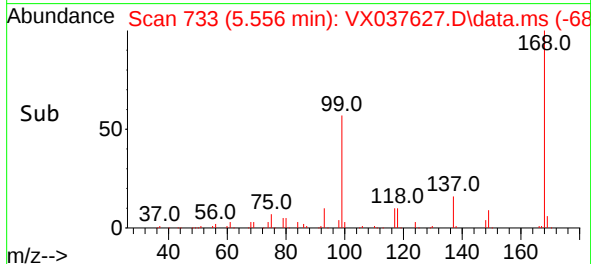
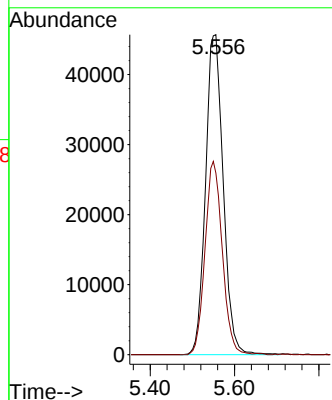
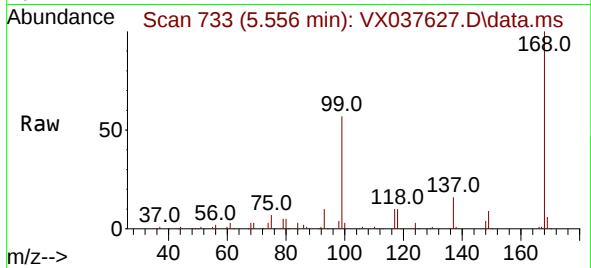




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037627.D
Acq: 09 Sep 2023 14:59

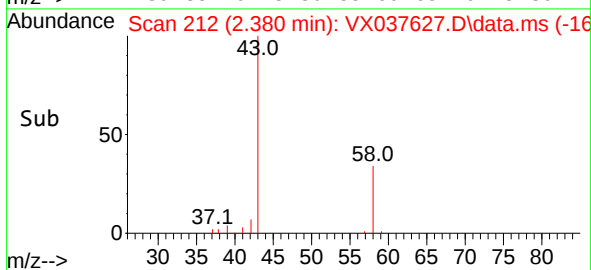
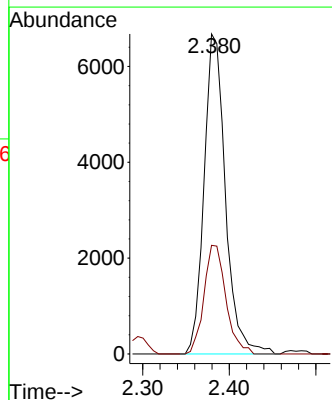
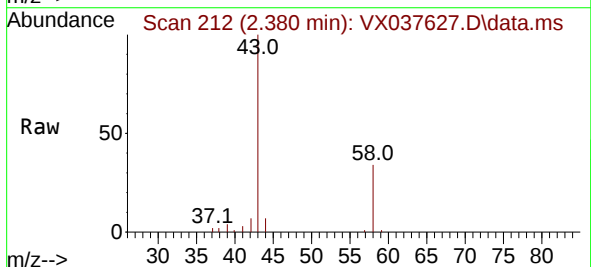
Instrument :
MSVOA_X
ClientSampleId :
TOWER-1

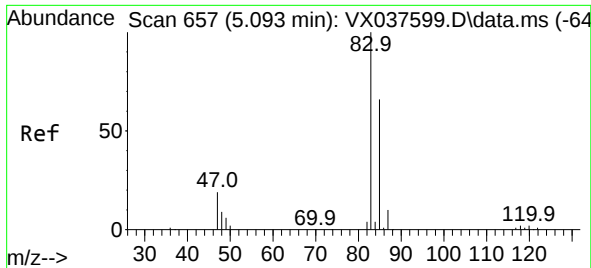
Tgt Ion:168 Resp: 133249
Ion Ratio Lower Upper
168 100
99 56.7 56.6 85.0



#16
Acetone
Concen: 15.471 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX037627.D
Acq: 09 Sep 2023 14:59

Tgt Ion: 43 Resp: 11444
Ion Ratio Lower Upper
43 100
58 34.0 21.9 32.9#

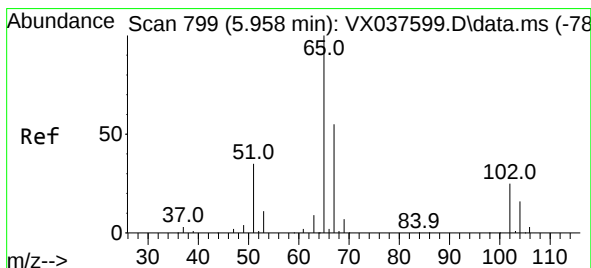
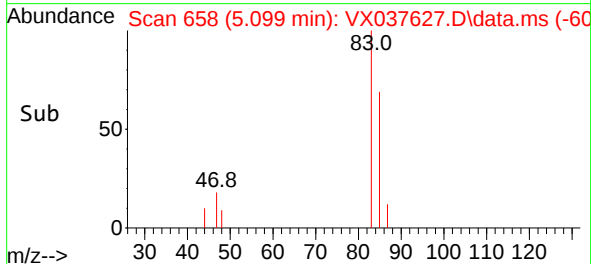
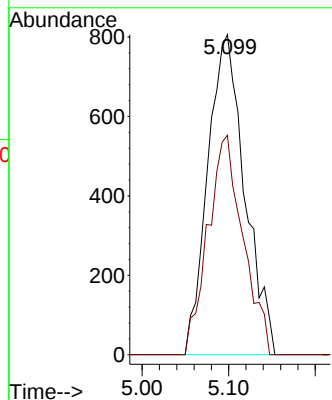
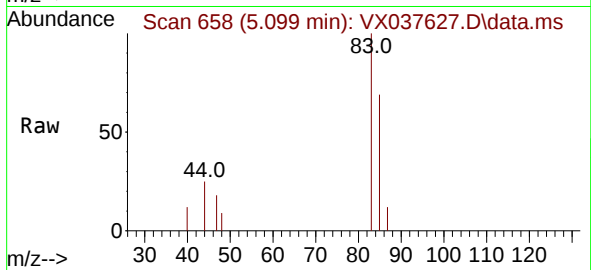




#30
Chloroform
Concen: 0.806 ug/l
RT: 5.099 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX037627.D
Acq: 09 Sep 2023 14:59

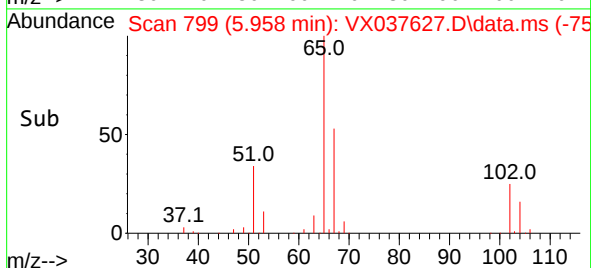
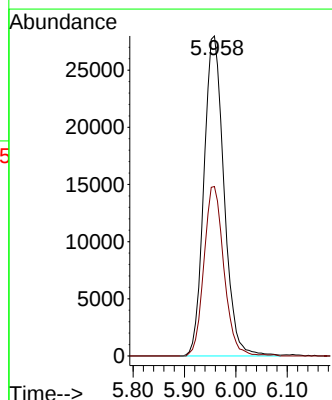
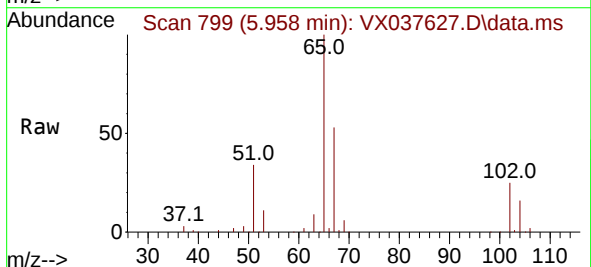
Instrument :
MSVOA_X
ClientSampleId :
TOWER-1

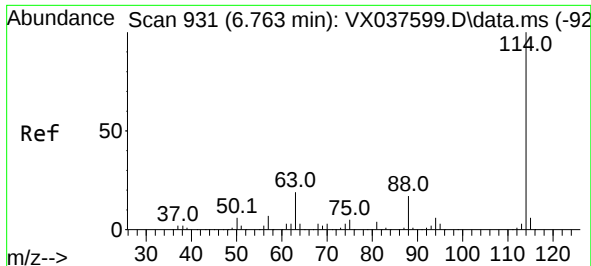
Tgt Ion: 83 Resp: 2395
Ion Ratio Lower Upper
83 100
85 68.6 50.3 75.5



#33
1,2-Dichloroethane-d4
Concen: 42.226 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX037627.D
Acq: 09 Sep 2023 14:59

Tgt Ion: 65 Resp: 75951
Ion Ratio Lower Upper
65 100
67 52.7 0.0 100.2

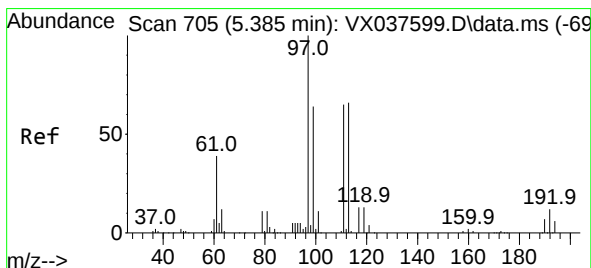
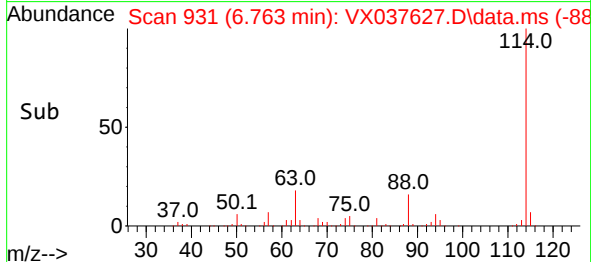
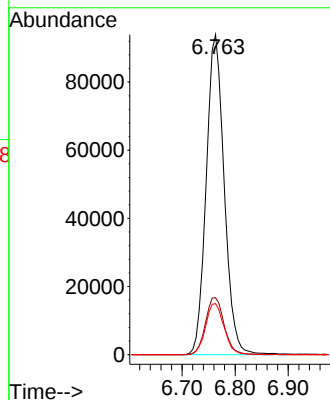
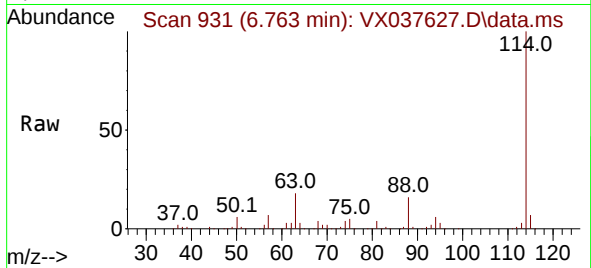




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX037627.D
Acq: 09 Sep 2023 14:59

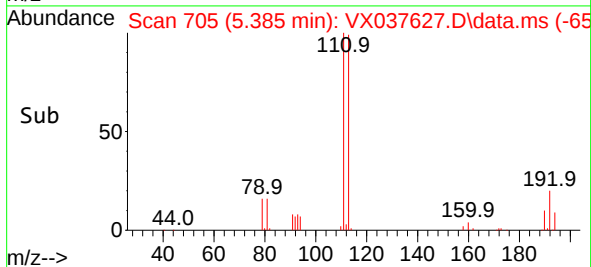
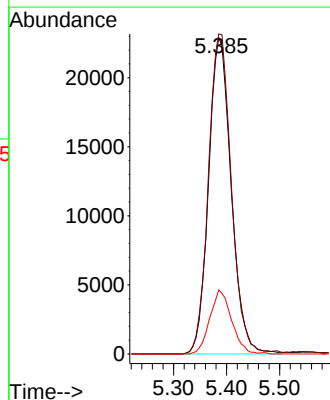
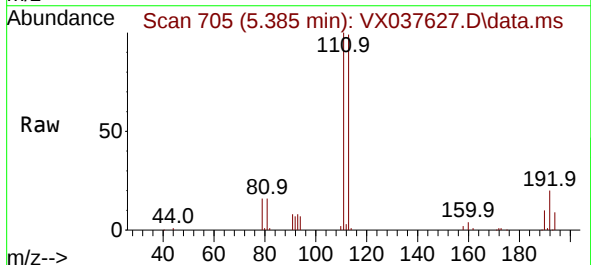
Instrument :
MSVOA_X
ClientSampleId :
TOWER-1

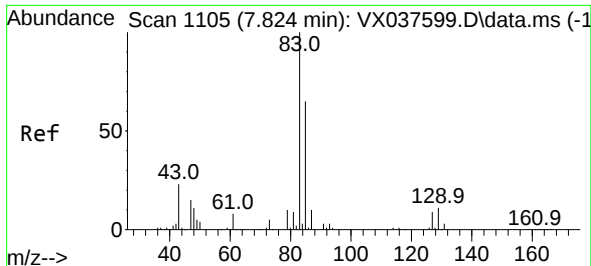
Tgt Ion:114 Resp: 221533
Ion Ratio Lower Upper
114 100
63 17.8 0.0 45.0
88 15.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 43.745 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037627.D
Acq: 09 Sep 2023 14:59

Tgt Ion:113 Resp: 67782
Ion Ratio Lower Upper
113 100
111 102.7 82.9 124.3
192 19.5 13.3 19.9

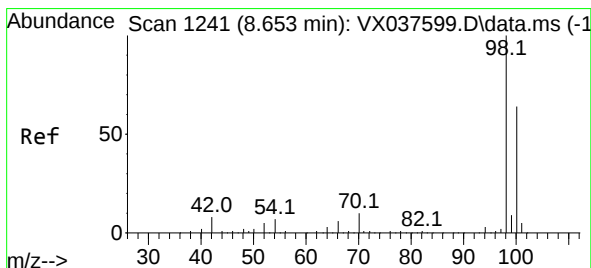
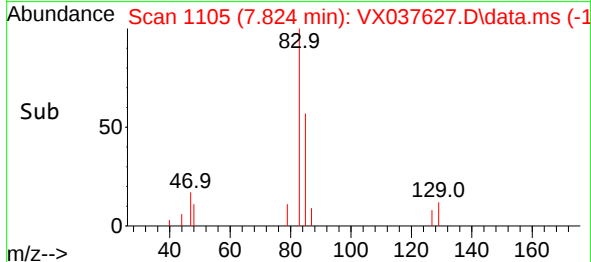
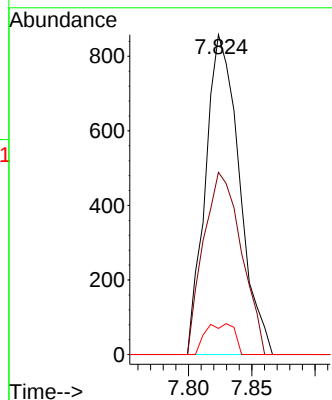
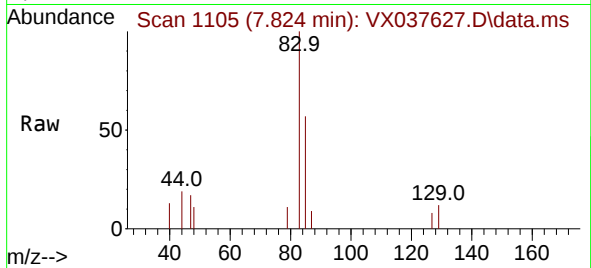




#47
 Bromodichloromethane
 Concen: 0.755 ug/l
 RT: 7.824 min Scan# 1105
 Delta R.T. -0.000 min
 Lab File: VX037627.D
 Acq: 09 Sep 2023 14:59

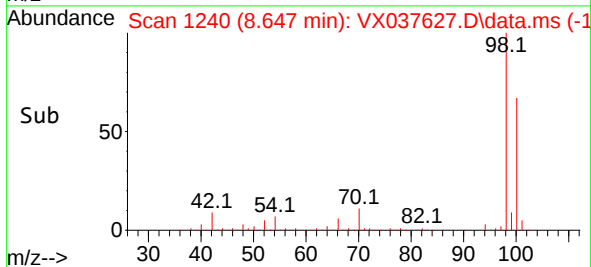
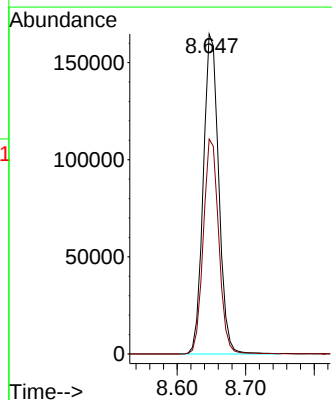
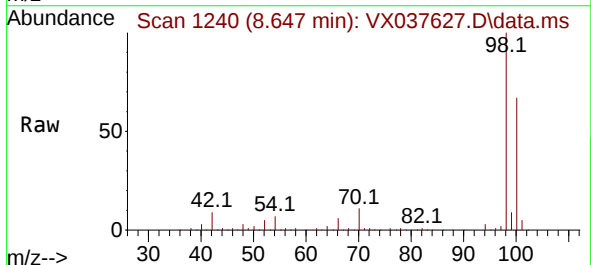
Instrument :
 MSVOA_X
 ClientSampleId :
 TOWER-1

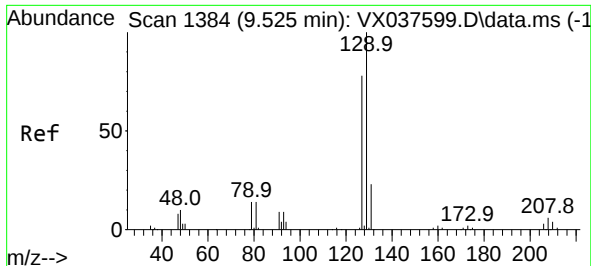
Tgt Ion: 83	Resp: 1598
Ion Ratio	Lower Upper
83 100	
85 57.0	49.8 74.6
127 8.2	7.1 10.7



#50
 Toluene-d8
 Concen: 45.540 ug/l
 RT: 8.647 min Scan# 1240
 Delta R.T. -0.006 min
 Lab File: VX037627.D
 Acq: 09 Sep 2023 14:59

Tgt Ion: 98	Resp: 258811
Ion Ratio	Lower Upper
98 100	
100 67.2	53.1 79.7

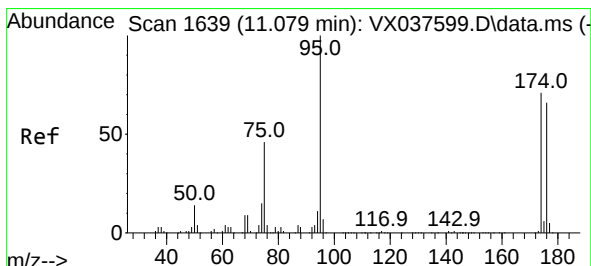
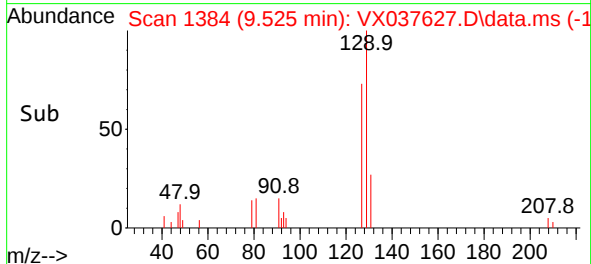
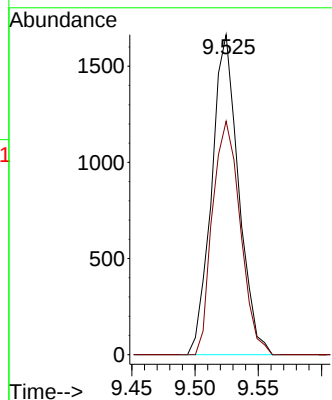
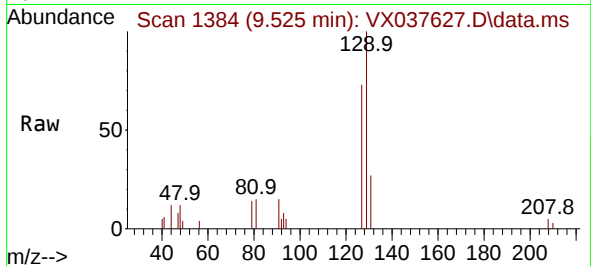




#60
Dibromochloromethane
Concen: 1.457 ug/l
RT: 9.525 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037627.D
Acq: 09 Sep 2023 14:59

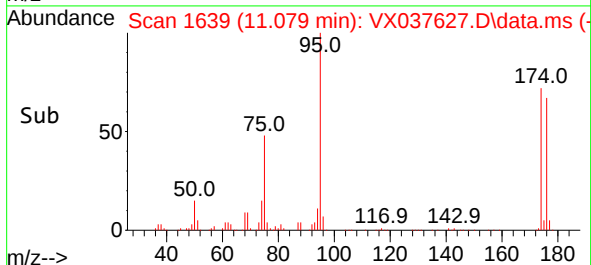
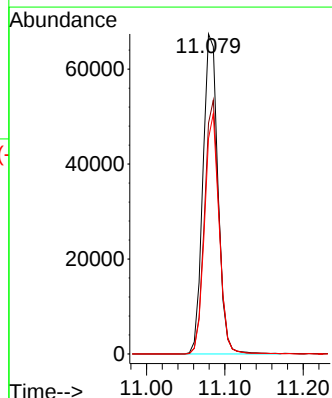
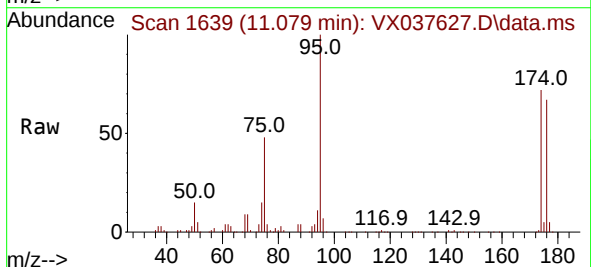
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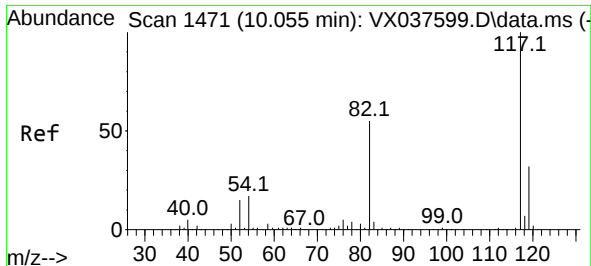
Tgt Ion:129 Resp: 2467
Ion Ratio Lower Upper
129 100
127 75.2 38.8 116.4



#62
4-Bromofluorobenzene
Concen: 41.878 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037627.D
Acq: 09 Sep 2023 14:59

Tgt Ion: 95 Resp: 89697
Ion Ratio Lower Upper
95 100
174 77.3 0.0 135.6
176 72.9 0.0 131.0

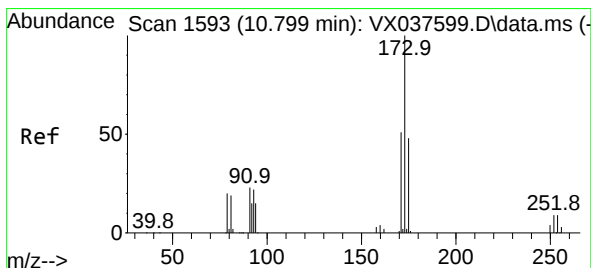
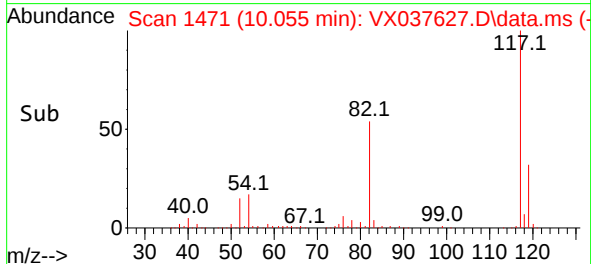
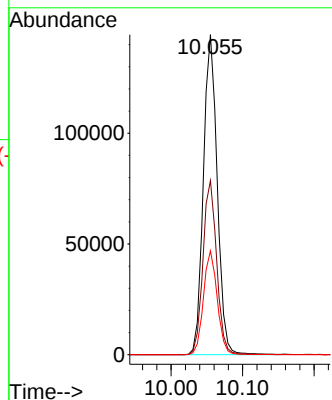
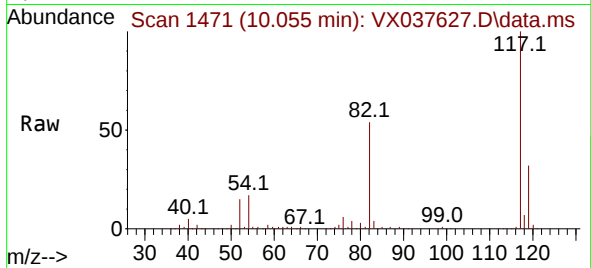




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037627.D
Acq: 09 Sep 2023 14:59

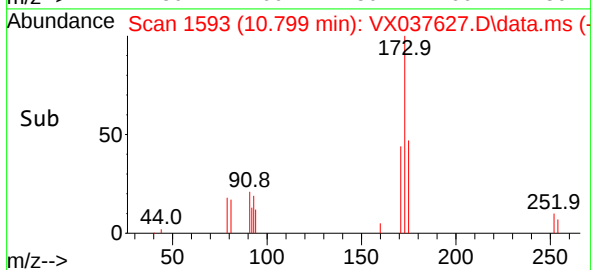
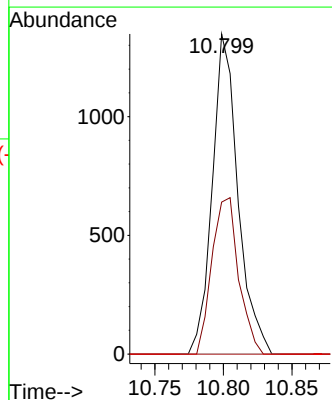
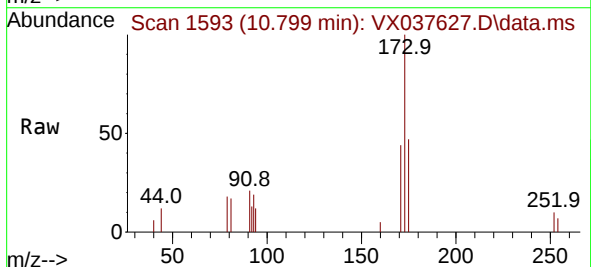
Instrument :
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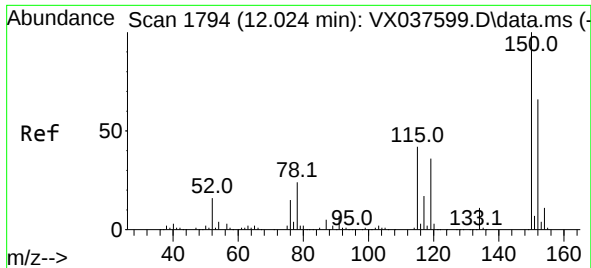
Tgt Ion:117 Resp: 194475
Ion Ratio Lower Upper
117 100
82 54.4 46.2 69.4
119 32.5 25.5 38.3



#71
Bromoform
Concen: 1.703 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX037627.D
Acq: 09 Sep 2023 14:59

Tgt Ion:173 Resp: 1755
Ion Ratio Lower Upper
173 100
175 50.9 24.1 72.4
254 0.0 0.0 0.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX037627.D
 Acq: 09 Sep 2023 14:59

Instrument :
 MSVOA_X
 ClientSampleId :
 TOWER-1

Tgt Ion:152 Resp: 82763
 Ion Ratio Lower Upper
 152 100
 115 61.4 43.3 129.9
 150 158.0 0.0 345.0

