

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110422\
 Data File : VX032587.D
 Acq On : 04 Nov 2022 19:21
 Operator : JC/MD
 Sample : N5486-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-23A

Quant Time: Nov 05 00:40:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

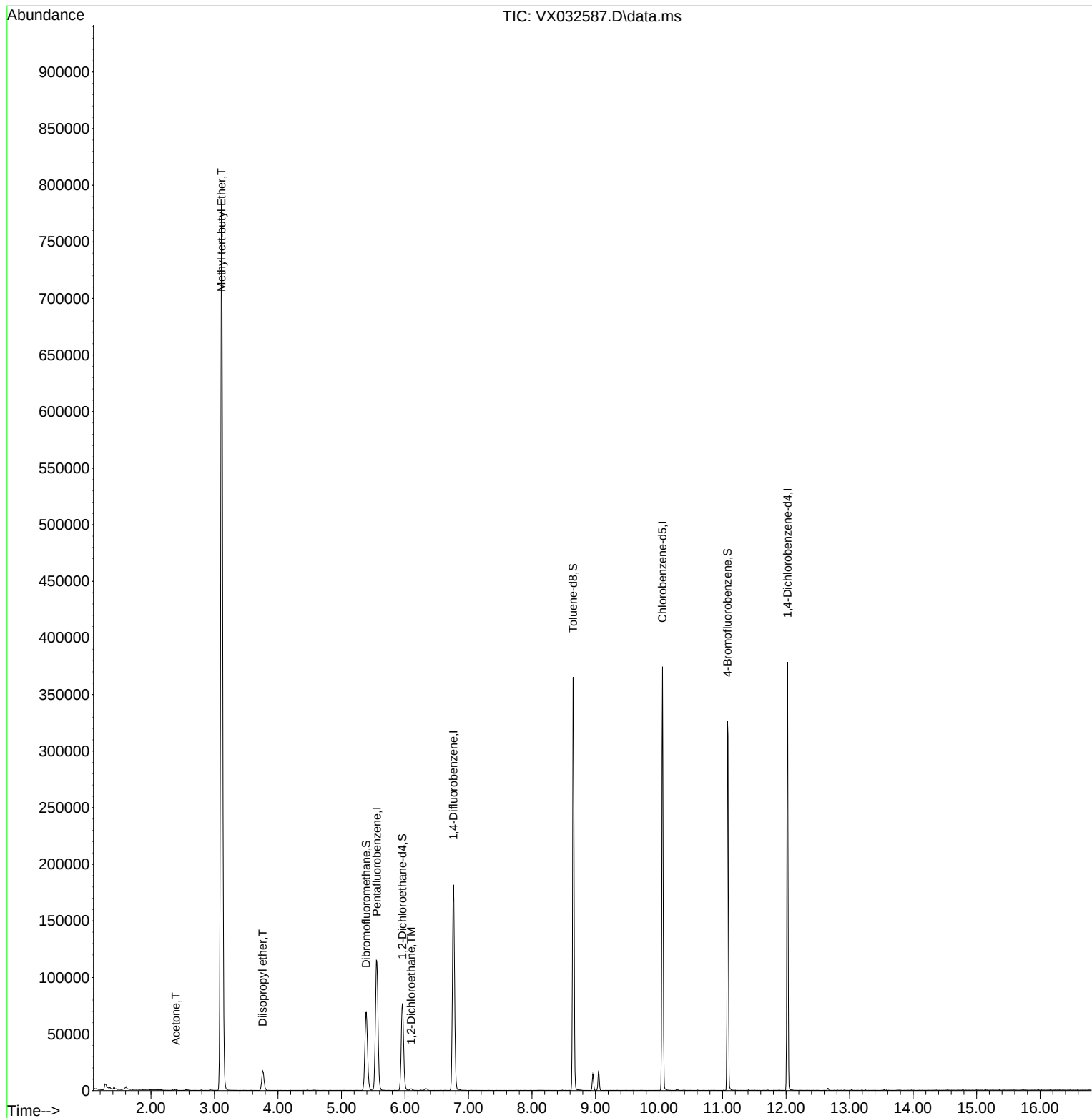
Internal Standards						
1) Pentafluorobenzene	5.556	168	109748	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	183641	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	161953	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	76774	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	76676	50.282	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	100.560%
35) Dibromofluoromethane	5.385	113	60476	46.167	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.340%
50) Toluene-d8	8.647	98	219457	48.180	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.360%
62) 4-Bromofluorobenzene	11.079	95	83493	46.926	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.860%
Target Compounds						Qvalue
16) Acetone	2.392	43	1067	1.925	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	834406	215.700	ug/l	100
22) Diisopropyl ether	3.757	45	17732	4.673	ug/l #	84
42) 1,2-Dichloroethane	6.098	62	1874	0.888	ug/l	81

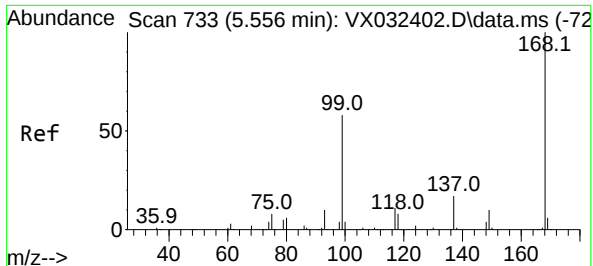
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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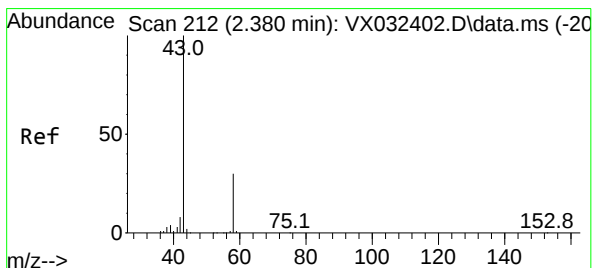
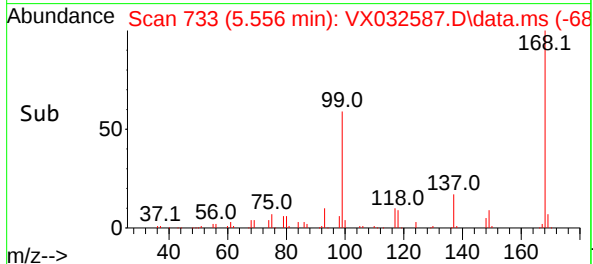
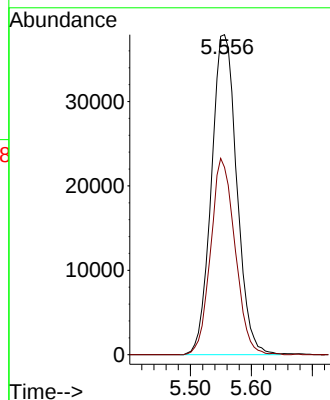
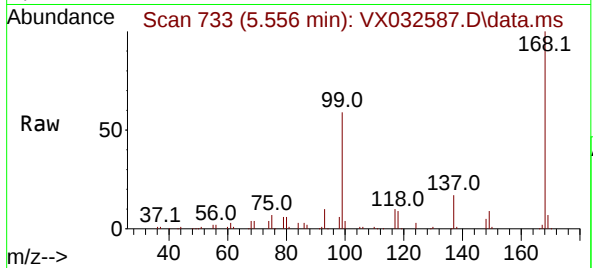




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX032587.D
Acq: 04 Nov 2022 19:21

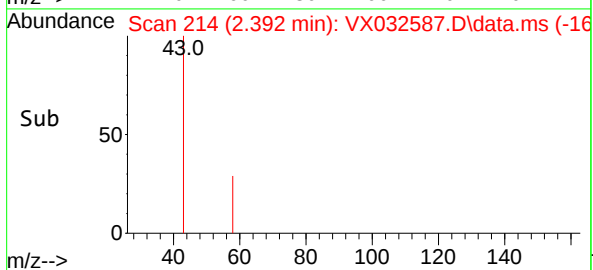
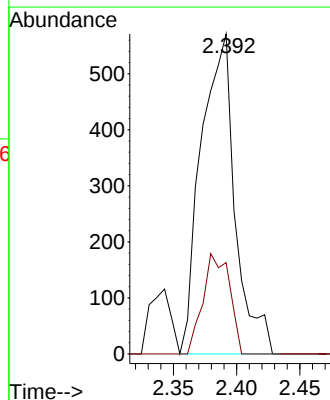
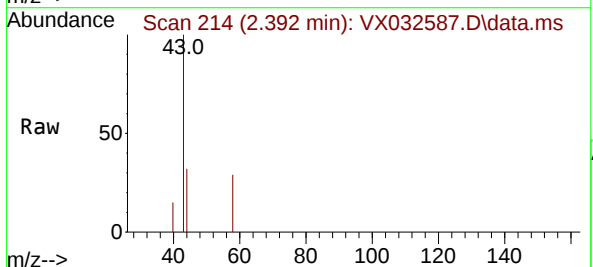
Instrument :
MSVOA_X
ClientSampleId :
MW-23A

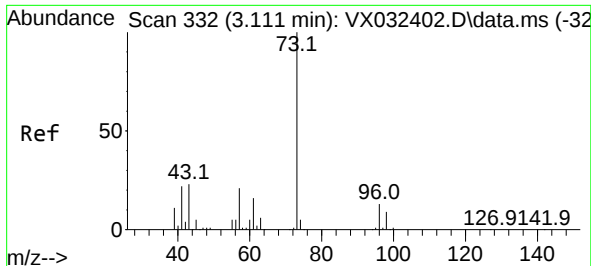
Tgt Ion:168 Resp: 109748
Ion Ratio Lower Upper
168 100
99 58.6 46.1 69.1



#16
Acetone
Concen: 1.925 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.012 min
Lab File: VX032587.D
Acq: 04 Nov 2022 19:21

Tgt Ion: 43 Resp: 1067
Ion Ratio Lower Upper
43 100
58 28.5 23.8 35.8

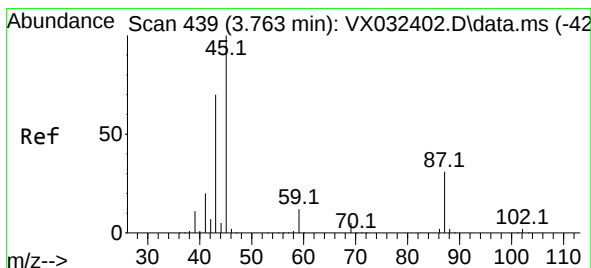
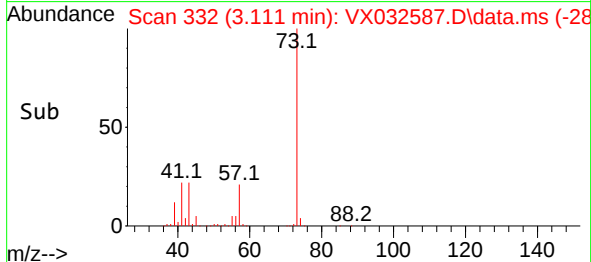
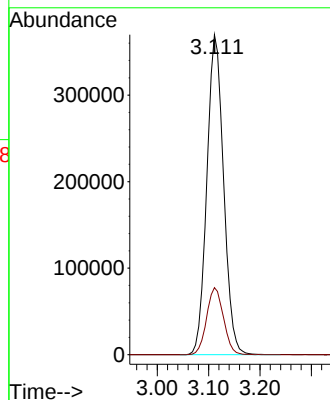
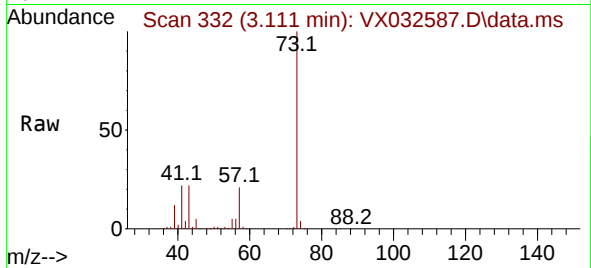




#19
Methyl tert-butyl Ether
Concen: 215.700 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX032587.D
Acq: 04 Nov 2022 19:21

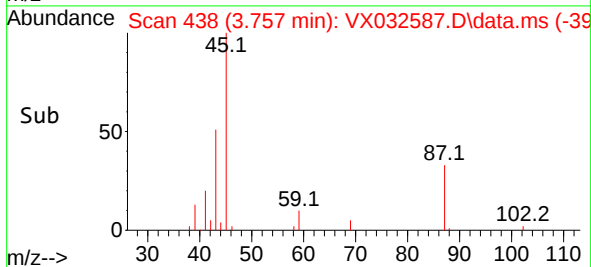
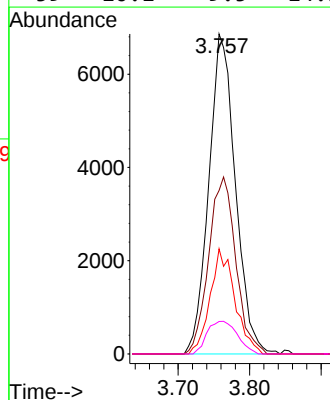
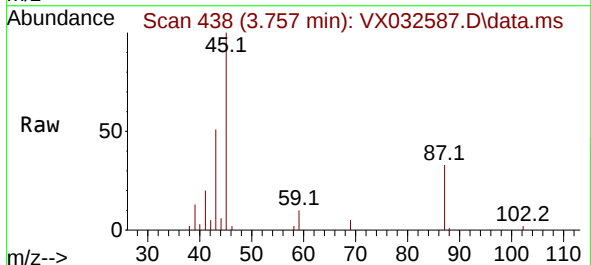
Instrument :
MSVOA_X
ClientSampleId :
MW-23A

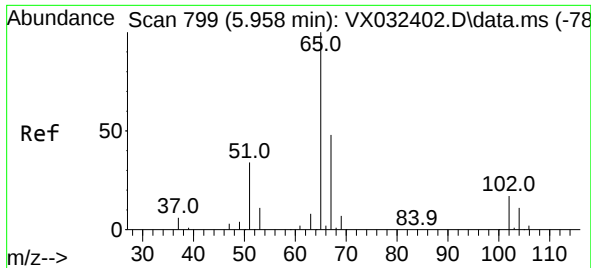
Tgt Ion: 73 Resp: 834406
Ion Ratio Lower Upper
73 100
57 21.0 16.6 25.0



#22
Diisopropyl ether
Concen: 4.673 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX032587.D
Acq: 04 Nov 2022 19:21

Tgt Ion: 45 Resp: 17732
Ion Ratio Lower Upper
45 100
43 51.1 56.4 84.6#
87 32.8 24.4 36.6
59 10.1 9.5 14.3

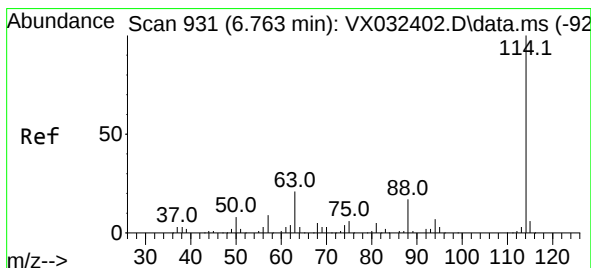
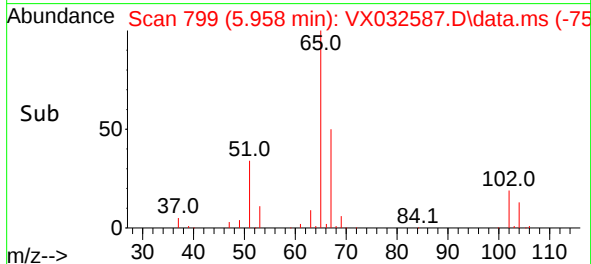
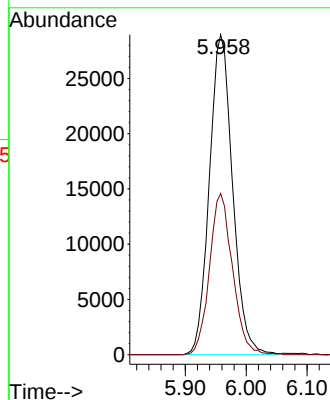
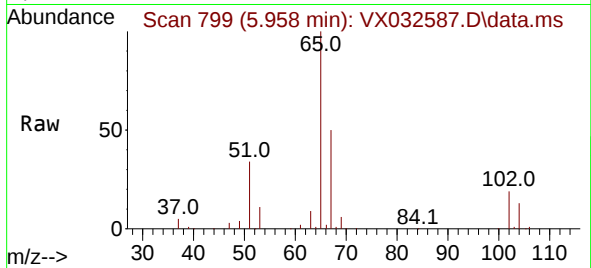




#33
 1,2-Dichloroethane-d4
 Concen: 50.282 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: VX032587.D
 Acq: 04 Nov 2022 19:21

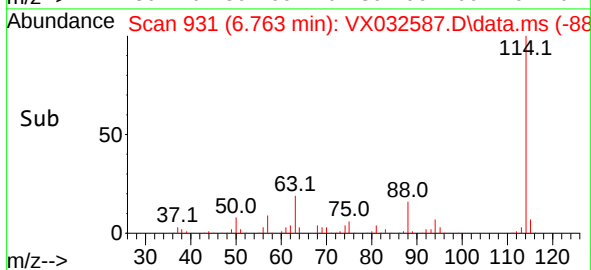
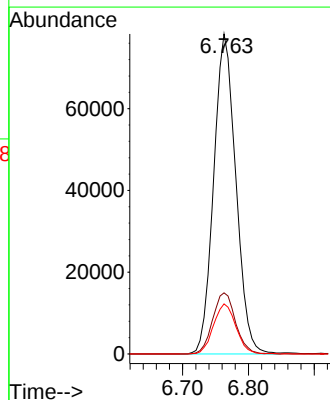
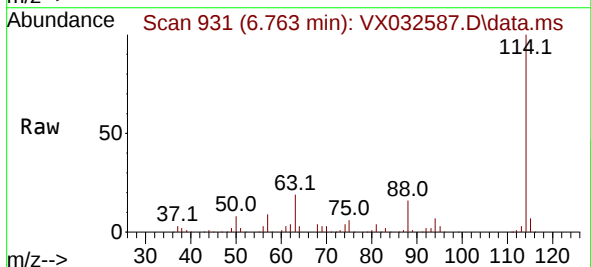
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-23A

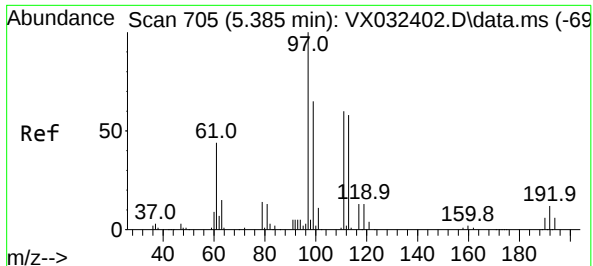
Tgt Ion: 65 Resp: 76676
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX032587.D
 Acq: 04 Nov 2022 19:21

Tgt Ion: 114 Resp: 183641
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 41.6
 88 15.7 0.0 33.4

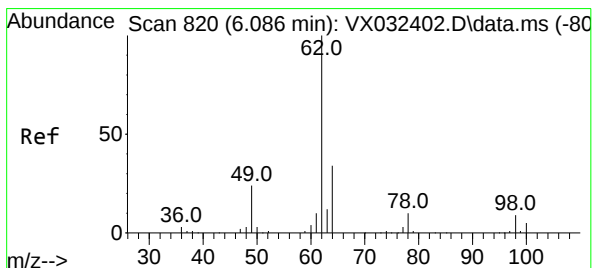
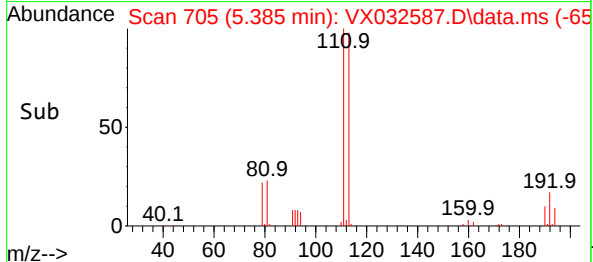
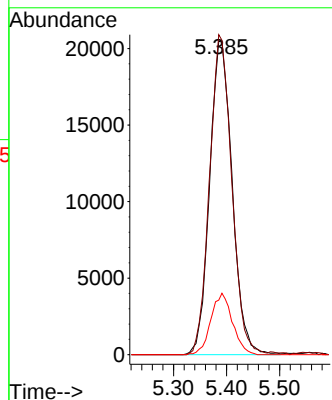
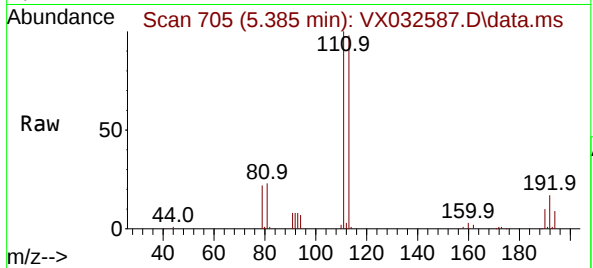




#35
Dibromofluoromethane
Concen: 46.167 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX032587.D
Acq: 04 Nov 2022 19:21

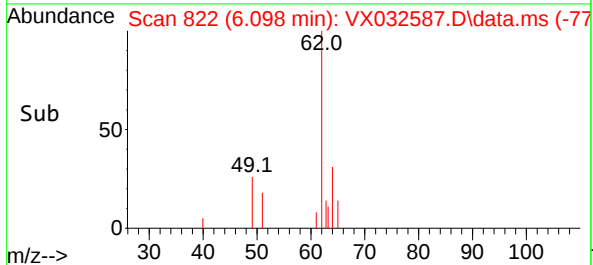
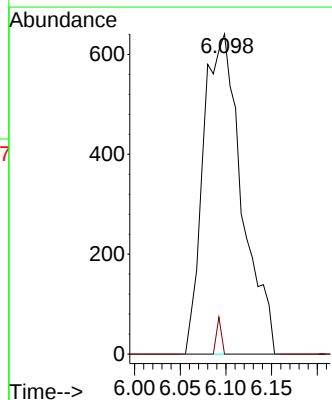
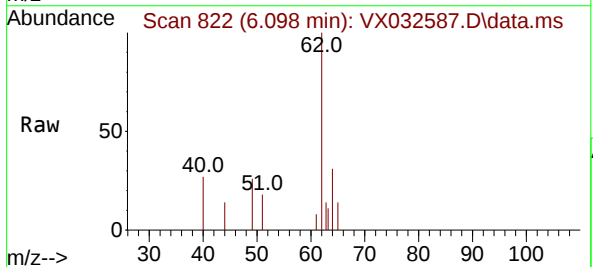
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ClientSampleId :
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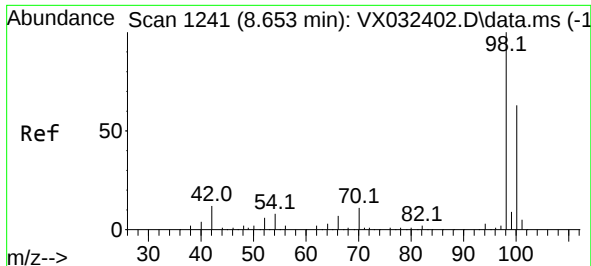
Tgt Ion:113 Resp: 60476
Ion Ratio Lower Upper
113 100
111 100.3 82.4 123.6
192 18.8 15.4 23.2



#42
1,2-Dichloroethane
Concen: 0.888 ug/l
RT: 6.098 min Scan# 822
Delta R.T. 0.012 min
Lab File: VX032587.D
Acq: 04 Nov 2022 19:21

Tgt Ion: 62 Resp: 1874
Ion Ratio Lower Upper
62 100
98 1.4 0.0 16.0

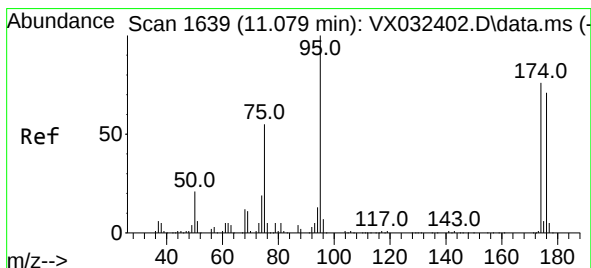
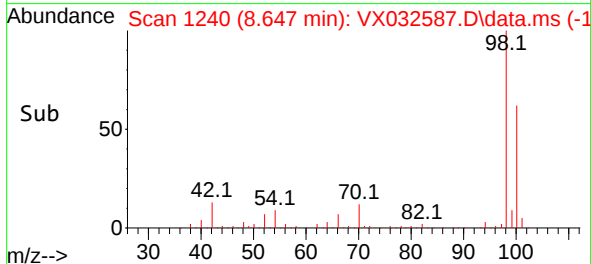
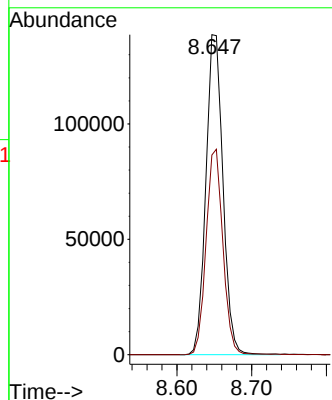
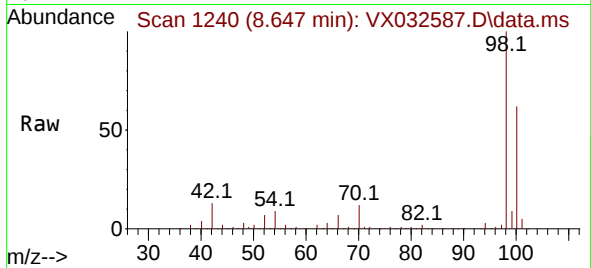




#50
Toluene-d8
Concen: 48.180 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032587.D
Acq: 04 Nov 2022 19:21

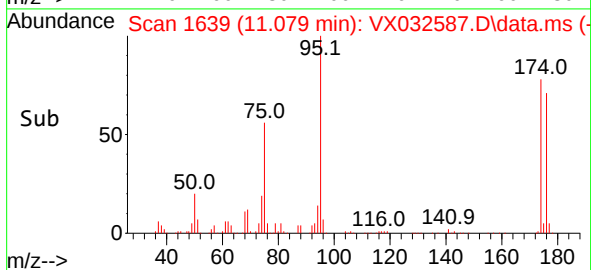
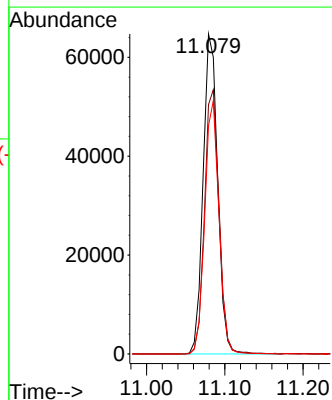
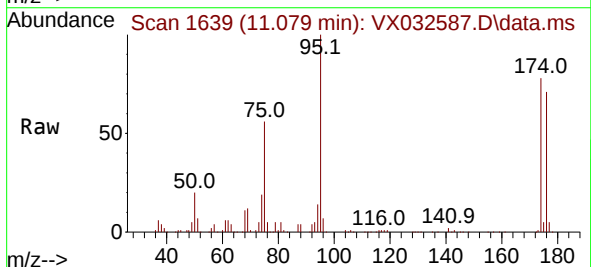
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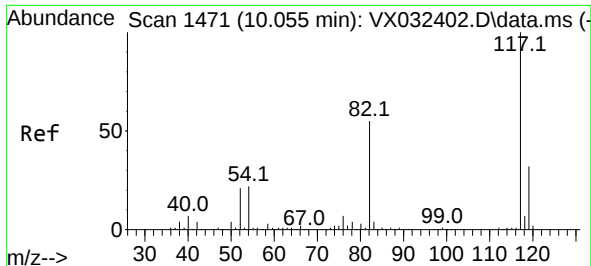
Tgt Ion: 98 Resp: 219457
Ion Ratio Lower Upper
98 100
100 63.3 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 46.926 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX032587.D
Acq: 04 Nov 2022 19:21

Tgt Ion: 95 Resp: 83493
Ion Ratio Lower Upper
95 100
174 82.5 0.0 164.0
176 77.6 0.0 154.4

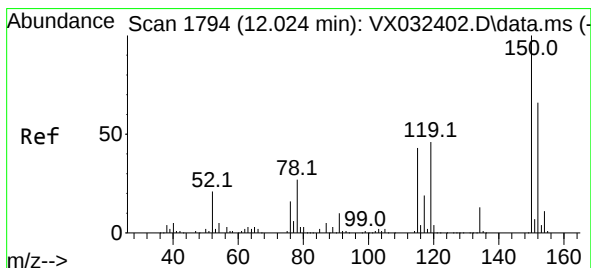
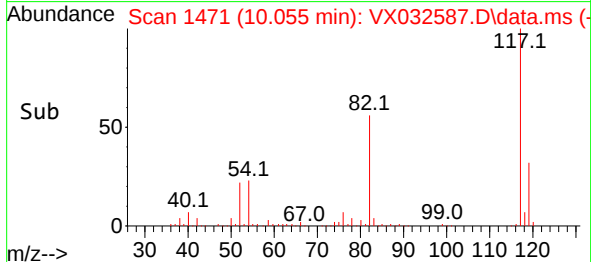
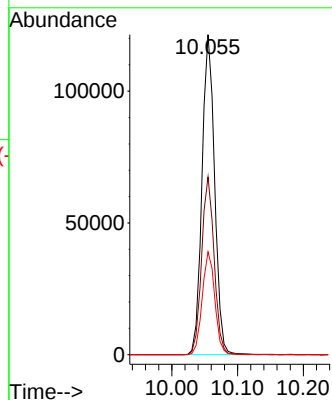
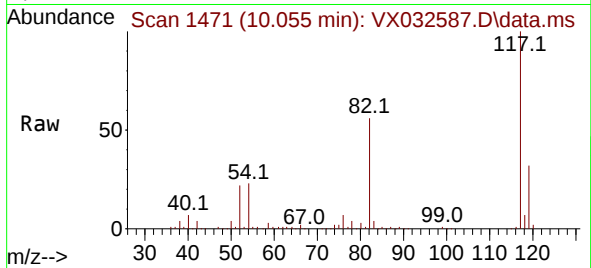




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032587.D
Acq: 04 Nov 2022 19:21

Instrument :
MSVOA_X
ClientSampleId :
MW-23A

Tgt Ion:117 Resp: 161953
Ion Ratio Lower Upper
117 100
82 55.5 44.3 66.5
119 32.2 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX032587.D
Acq: 04 Nov 2022 19:21

Tgt Ion:152 Resp: 76774
Ion Ratio Lower Upper
152 100
115 60.4 44.0 132.0
150 154.9 0.0 351.8

