

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112322\
 Data File : VX033045.D
 Acq On : 24 Nov 2022 07:36
 Operator : JC/MD
 Sample : N5741-18
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-37

Quant Time: Nov 25 06:38:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

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

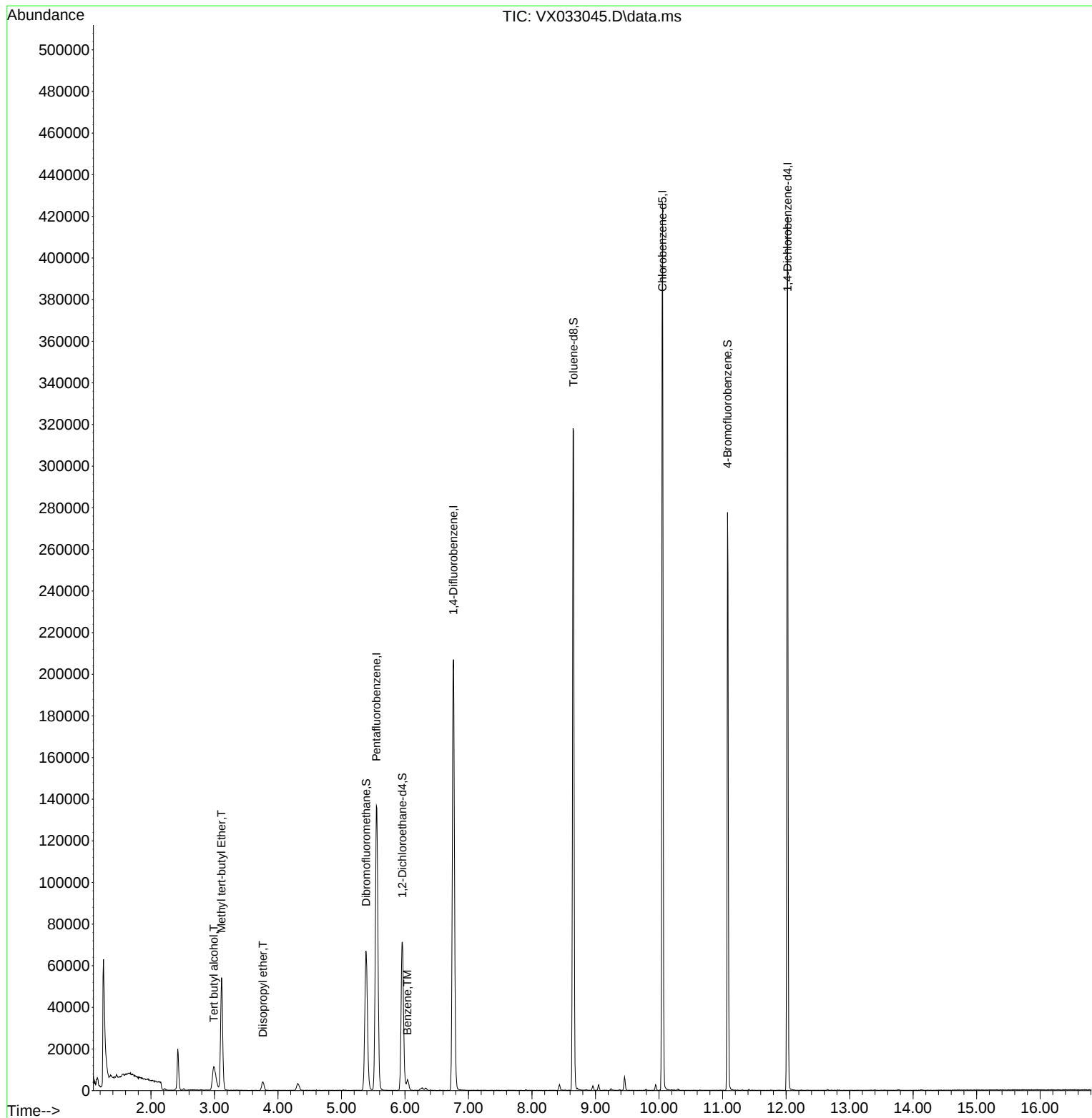
Internal Standards						
1) Pentafluorobenzene	5.550	168	130428	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	214379	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	188138	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	87954	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	74370	58.912	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 117.820%#	
35) Dibromofluoromethane	5.385	113	57909	47.915	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 95.820%	
50) Toluene-d8	8.653	98	195797	54.017	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 108.040%	
62) 4-Bromofluorobenzene	11.079	95	69950	44.060	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 88.120%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.989	59	22589	112.189	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	58128	14.726	ug/l	96
22) Diisopropyl ether	3.763	45	4540	1.135	ug/l #	82
40) Benzene	6.037	78	6012	1.110	ug/l #	89

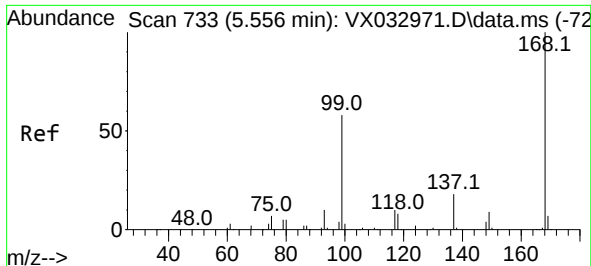
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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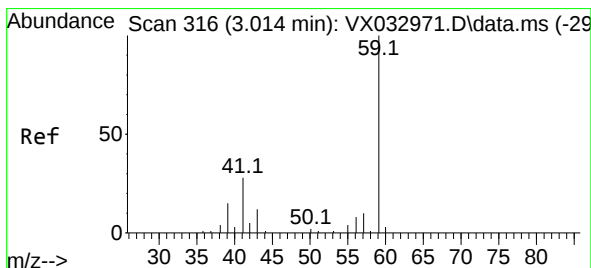
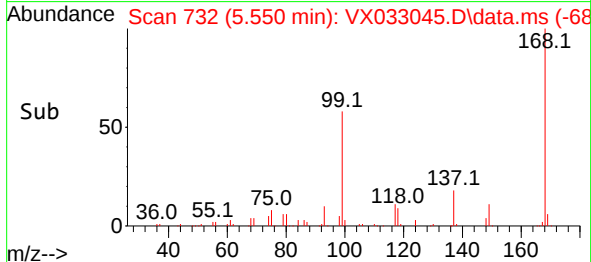
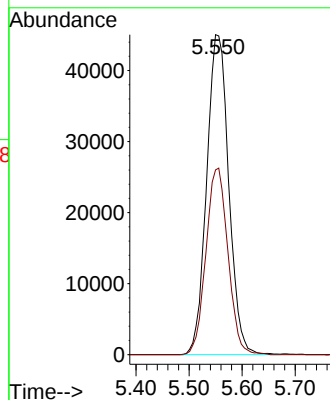
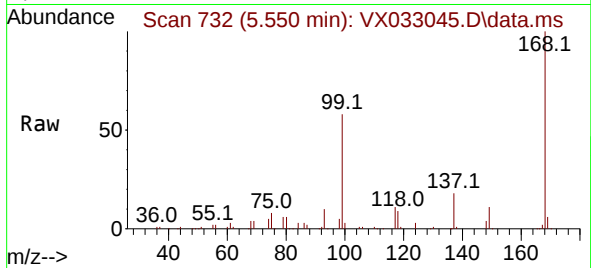




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX033045.D
Acq: 24 Nov 2022 07:36

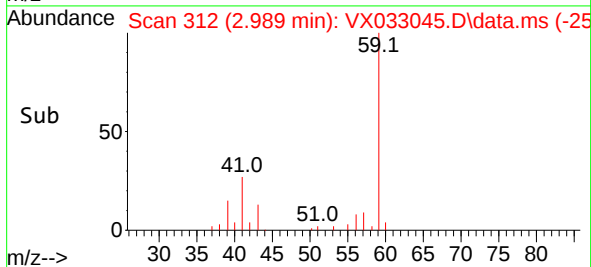
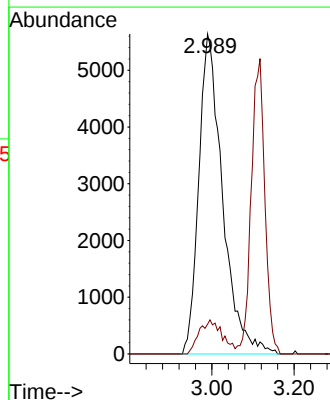
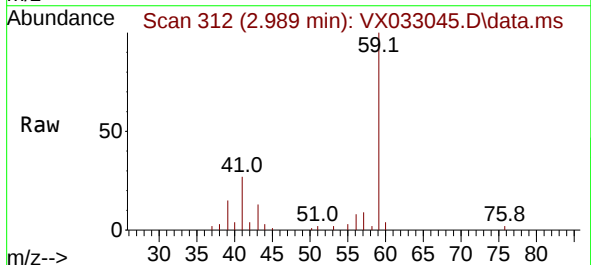
Instrument :
MSVOA_X
ClientSampleId :
MW-37

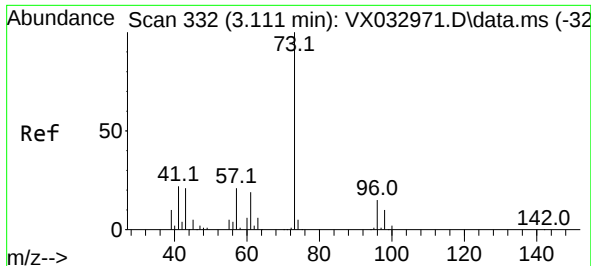
Tgt Ion:168 Resp: 130428
Ion Ratio Lower Upper
168 100
99 57.8 46.1 69.1



#11
Tert butyl alcohol
Concen: 112.189 ug/l
RT: 2.989 min Scan# 312
Delta R.T. 0.024 min
Lab File: VX033045.D
Acq: 24 Nov 2022 07:36

Tgt Ion: 59 Resp: 22589
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.4

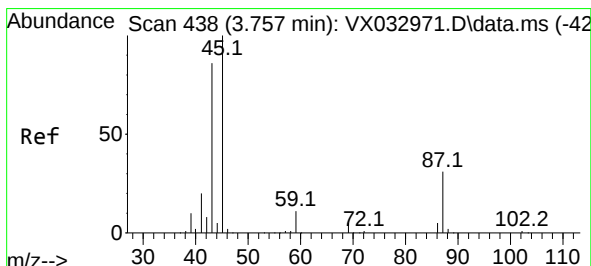
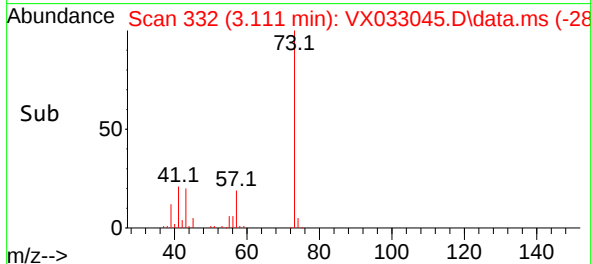
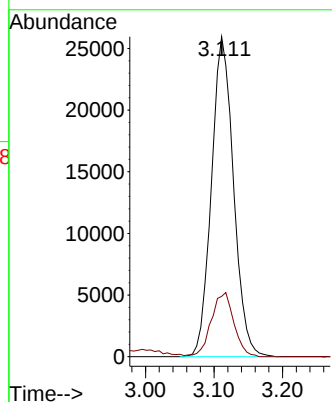
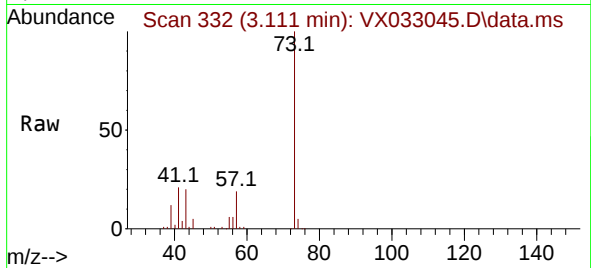




#19
Methyl tert-butyl Ether
Concen: 14.726 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX033045.D
Acq: 24 Nov 2022 07:36

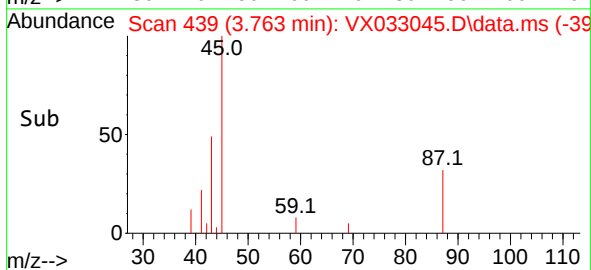
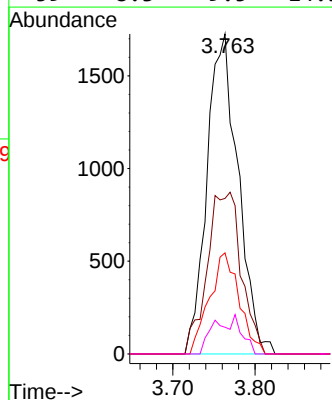
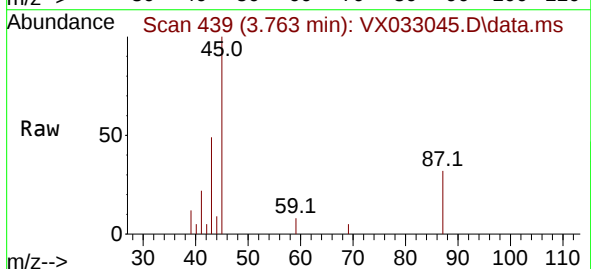
Instrument :
MSVOA_X
ClientSampleId :
MW-37

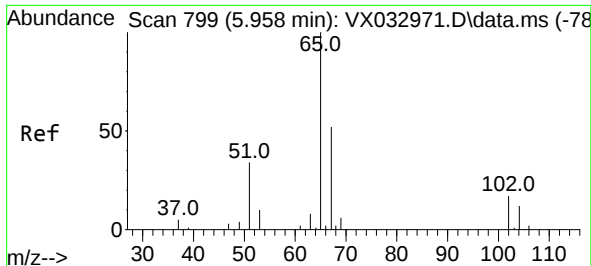
Tgt Ion: 73 Resp: 58128
Ion Ratio Lower Upper
73 100
57 18.8 16.6 25.0



#22
Diisopropyl ether
Concen: 1.135 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX033045.D
Acq: 24 Nov 2022 07:36

Tgt Ion: 45 Resp: 4540
Ion Ratio Lower Upper
45 100
43 48.6 56.4 84.6#
87 31.6 24.4 36.6
59 8.3 9.5 14.3#

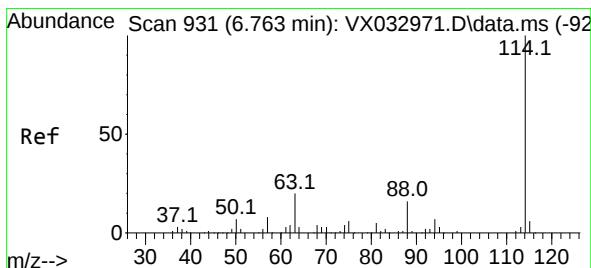
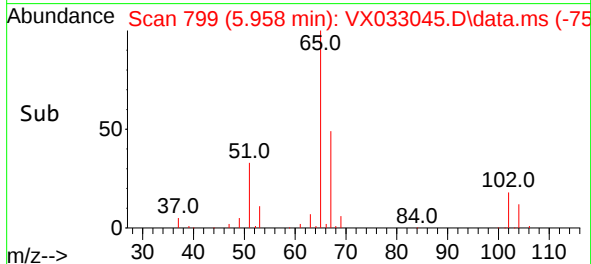
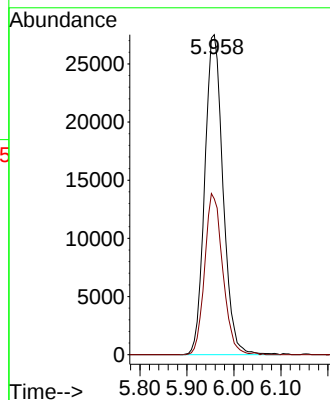
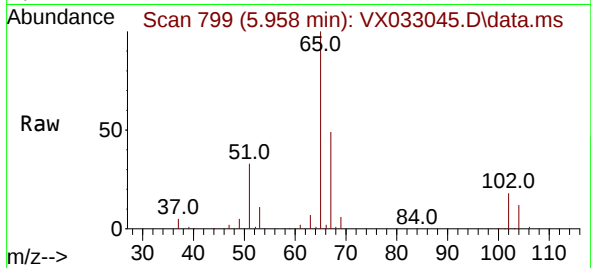




#33
 1,2-Dichloroethane-d4
 Concen: 58.912 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX033045.D
 Acq: 24 Nov 2022 07:36

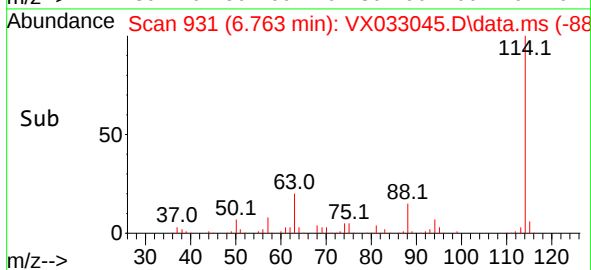
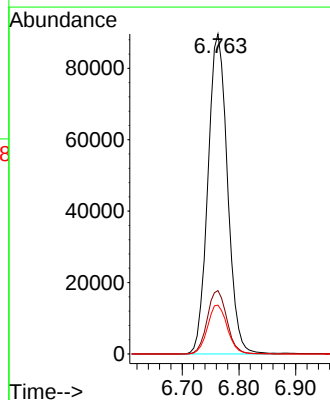
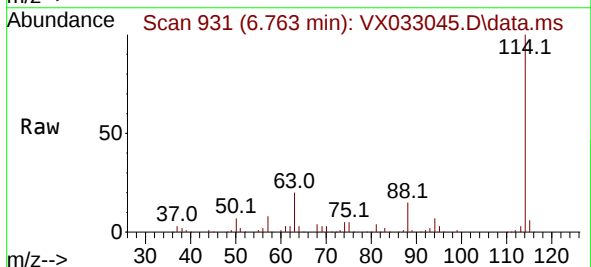
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-37

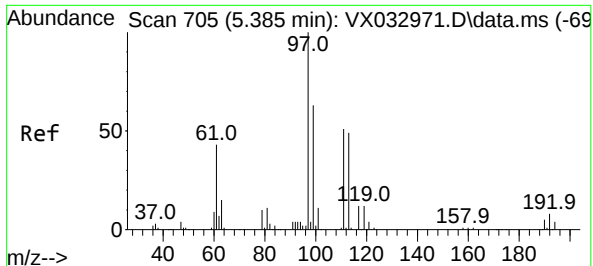
Tgt Ion: 65 Resp: 74370
 Ion Ratio Lower Upper
 65 100
 67 49.6 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX033045.D
 Acq: 24 Nov 2022 07:36

Tgt Ion: 114 Resp: 214379
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 41.6
 88 15.3 0.0 33.4





#35

Dibromofluoromethane

Concen: 47.915 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX033045.D

Acq: 24 Nov 2022 07:36

Instrument :

MSVOA_X

ClientSampleId :

MW-37

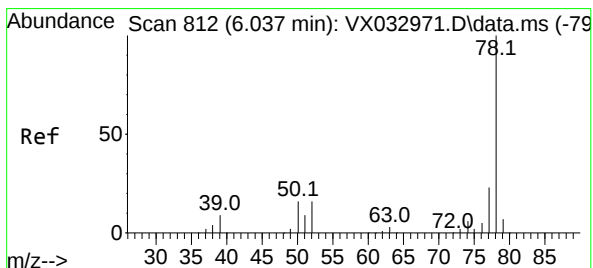
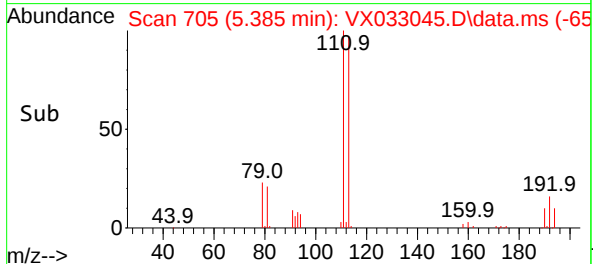
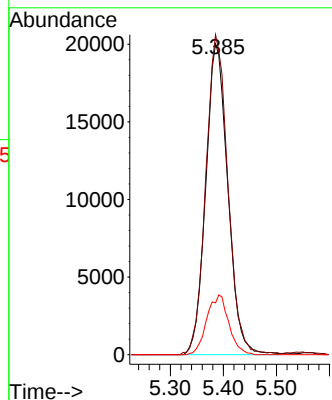
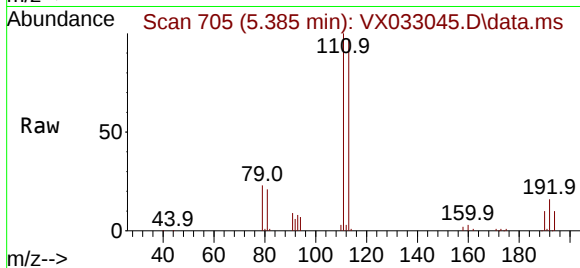
Tgt Ion:113 Resp: 57909

Ion Ratio Lower Upper

113 100

111 103.2 82.4 123.6

192 19.1 15.4 23.2



#40

Benzene

Concen: 1.110 ug/l

RT: 6.037 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX033045.D

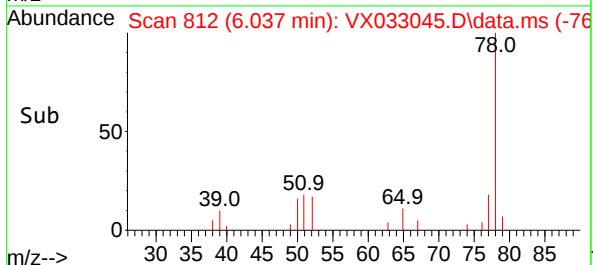
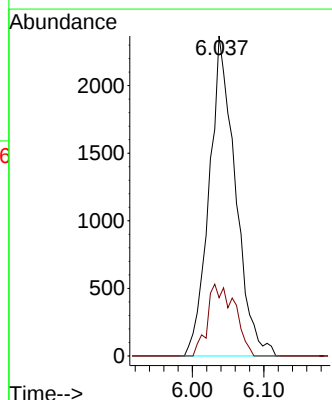
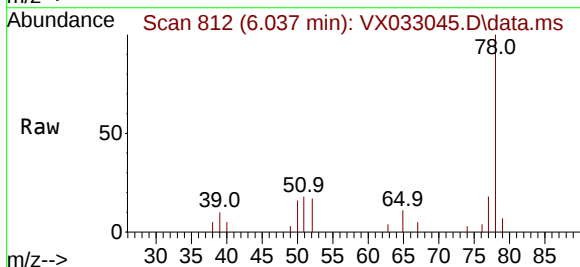
Acq: 24 Nov 2022 07:36

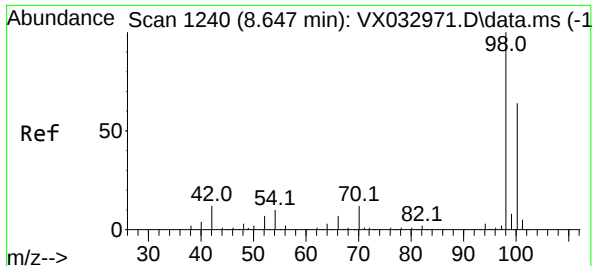
Tgt Ion: 78 Resp: 6012

Ion Ratio Lower Upper

78 100

77 18.2 19.0 28.4#

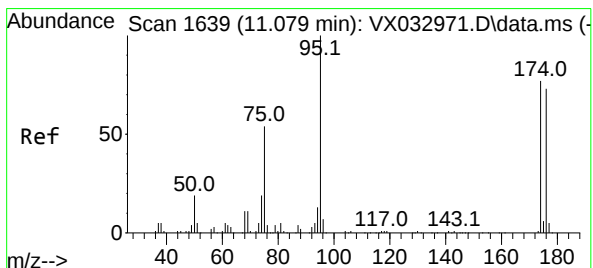
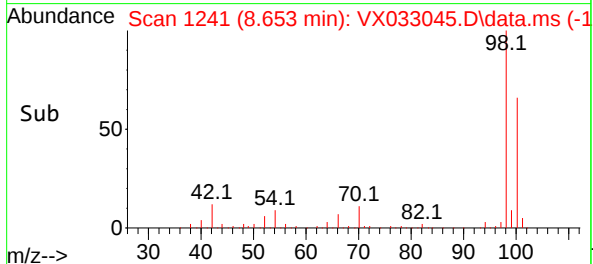
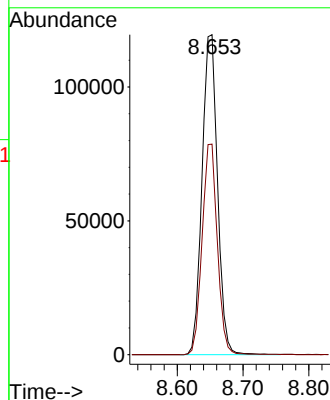
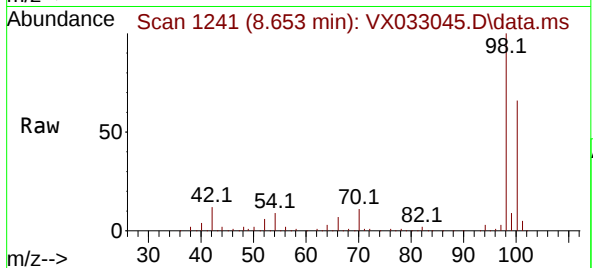




#50
Toluene-d8
Concen: 54.017 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033045.D
Acq: 24 Nov 2022 07:36

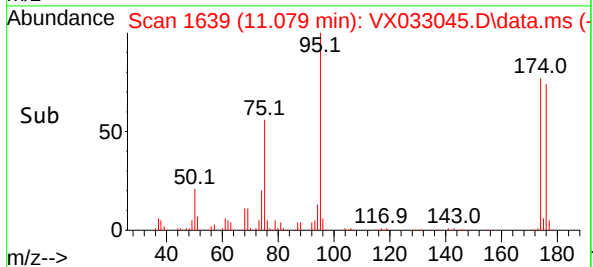
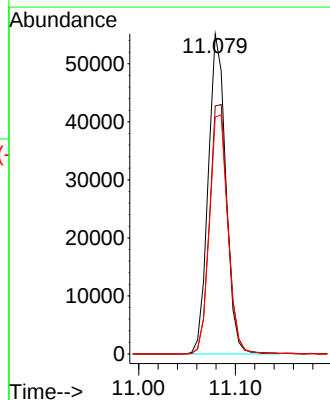
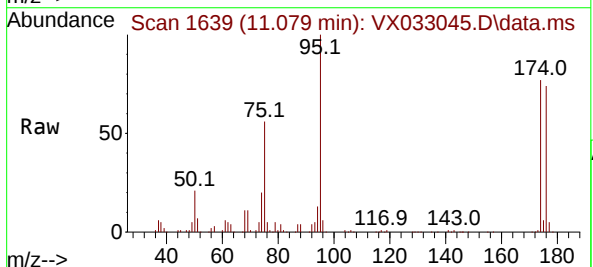
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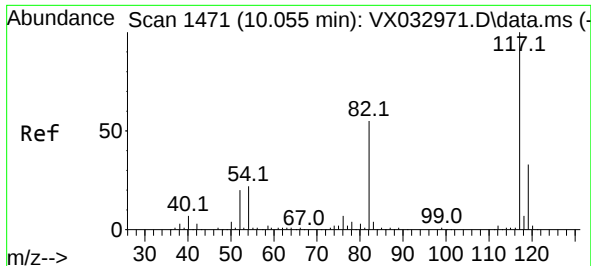
Tgt Ion: 98 Resp: 195797
Ion Ratio Lower Upper
98 100
100 64.7 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 44.060 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033045.D
Acq: 24 Nov 2022 07:36

Tgt Ion: 95 Resp: 69950
Ion Ratio Lower Upper
95 100
174 81.0 0.0 164.0
176 78.3 0.0 154.4

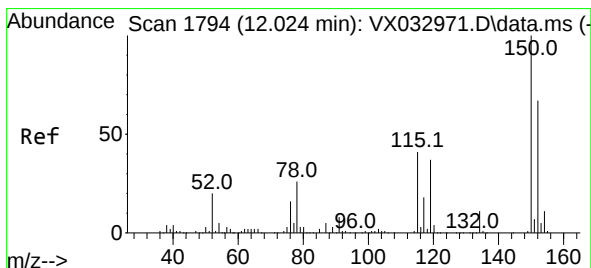
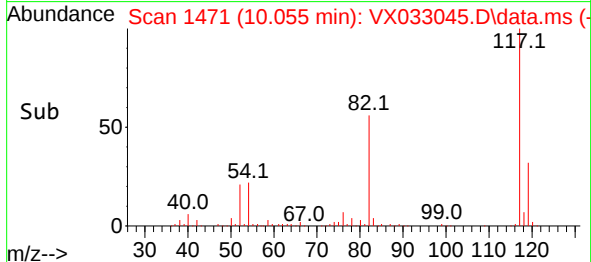
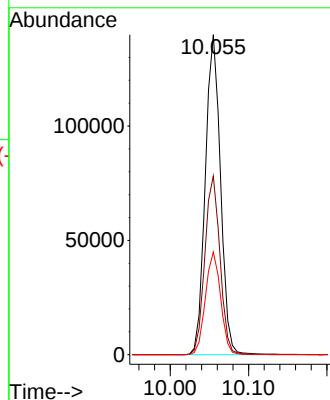
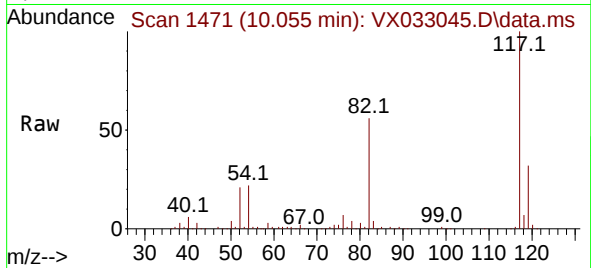




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033045.D
Acq: 24 Nov 2022 07:36

Instrument :
MSVOA_X
ClientSampleId :
MW-37

Tgt Ion:117 Resp: 188138
Ion Ratio Lower Upper
117 100
82 55.9 44.3 66.5
119 32.1 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: VX033045.D
Acq: 24 Nov 2022 07:36

Tgt Ion:152 Resp: 87954
Ion Ratio Lower Upper
152 100
115 60.8 44.0 132.0
150 156.3 0.0 351.8

