

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112922\
 Data File : VX033114.D
 Acq On : 29 Nov 2022 13:47
 Operator : JC/MD
 Sample : N5741-18
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-37

Quant Time: Nov 30 01:02:36 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)

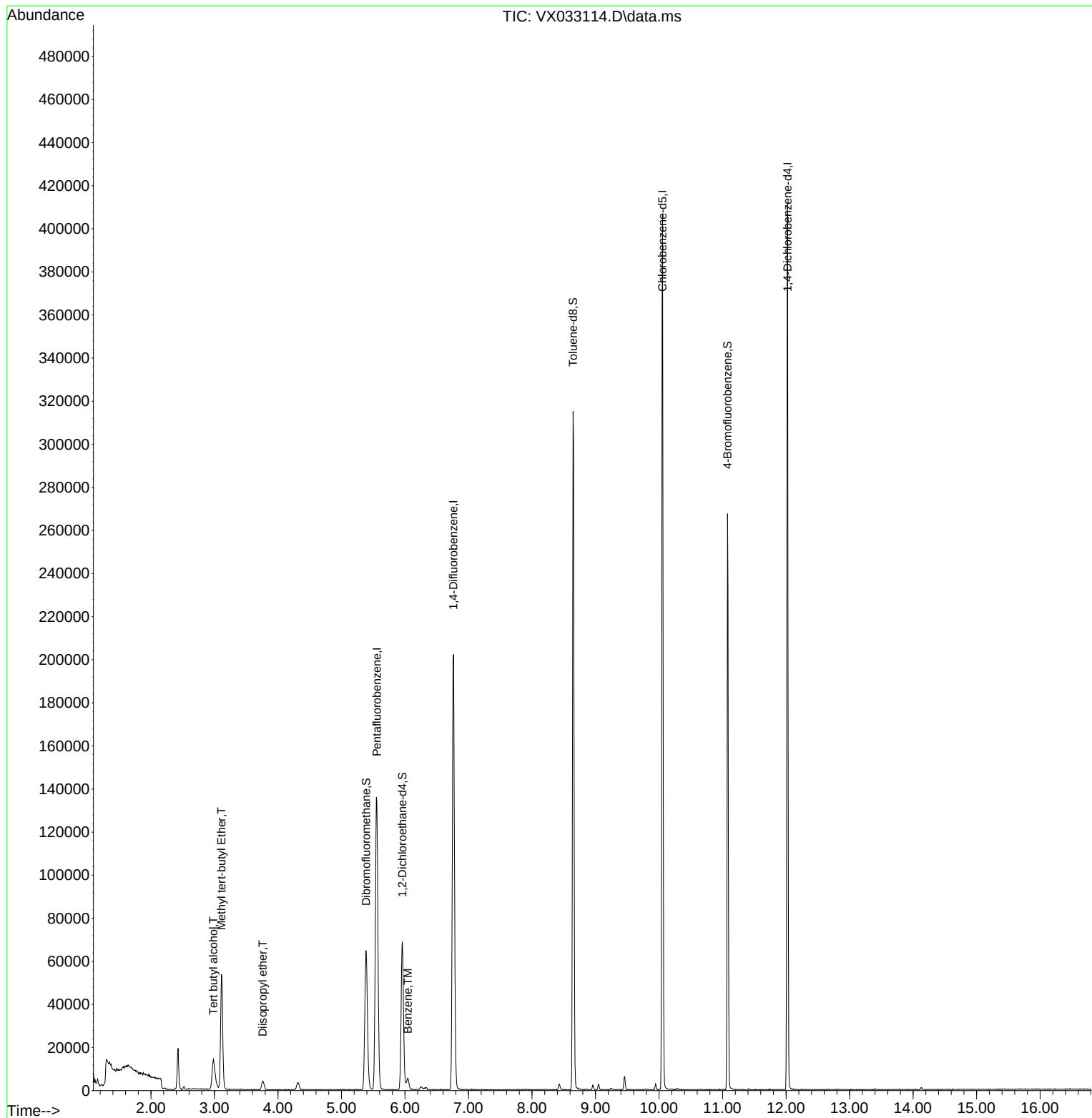
Internal Standards						
1) Pentafluorobenzene	5.556	168	129138	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	206806	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	180649	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	84568	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	69834	55.699	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	111.400%
35) Dibromofluoromethane	5.385	113	55599	47.688	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.380%
50) Toluene-d8	8.647	98	186193	53.216	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	106.440%
62) 4-Bromofluorobenzene	11.079	95	66625	43.502	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.000%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.983	59	23771	119.239	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	57781	14.784	ug/l	95
22) Diisopropyl ether	3.757	45	4455	1.125	ug/l #	80
40) Benzene	6.044	78	6138	1.174	ug/l	94

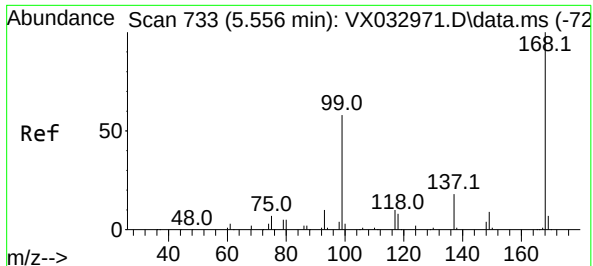
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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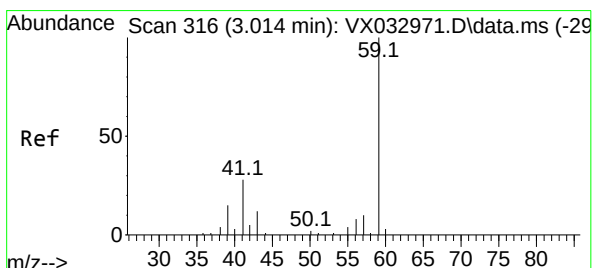
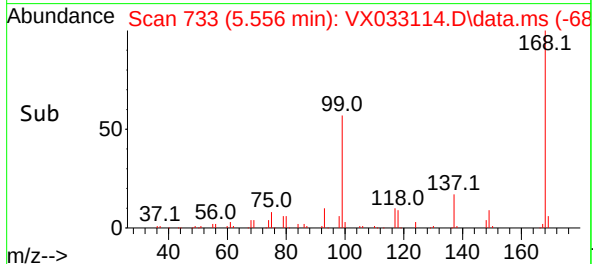
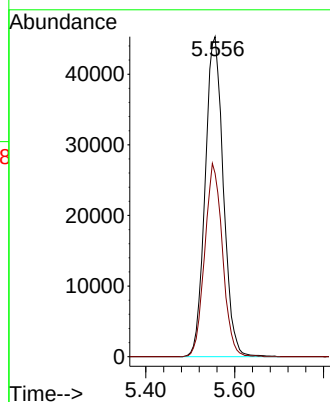
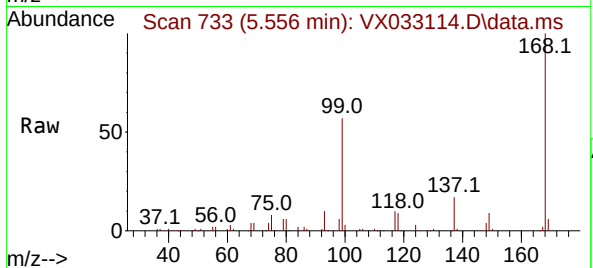




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033114.D
Acq: 29 Nov 2022 13:47

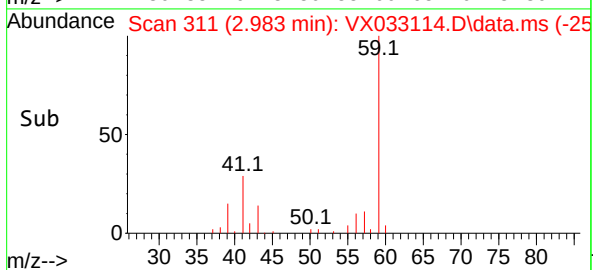
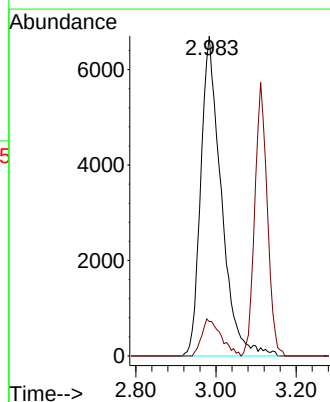
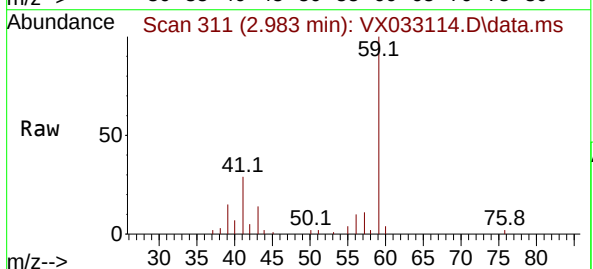
Instrument :
MSVOA_X
ClientSampleId :
MW-37

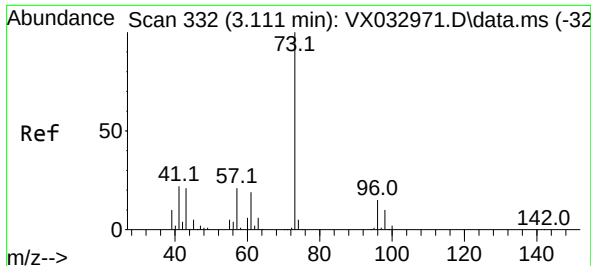
Tgt Ion:168 Resp: 129138
Ion Ratio Lower Upper
168 100
99 57.3 46.1 69.1



#11
Tert butyl alcohol
Concen: 119.239 ug/l
RT: 2.983 min Scan# 311
Delta R.T. 0.018 min
Lab File: VX033114.D
Acq: 29 Nov 2022 13:47

Tgt Ion: 59 Resp: 23771
Ion Ratio Lower Upper
59 100
57 10.9 8.2 12.4

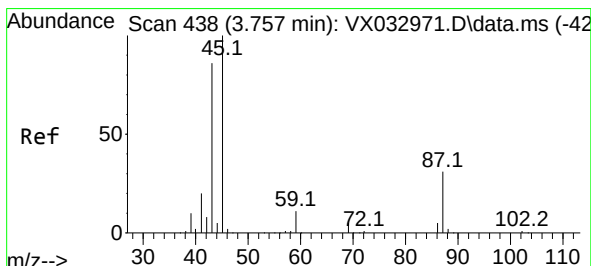
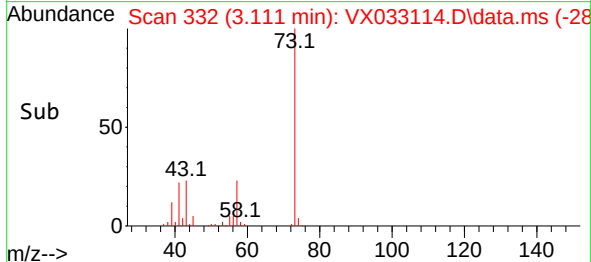
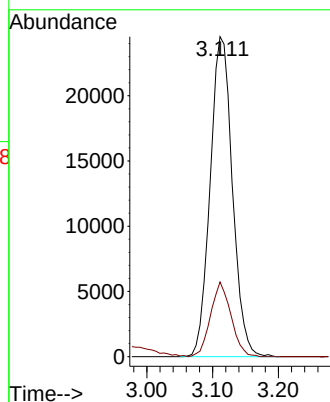
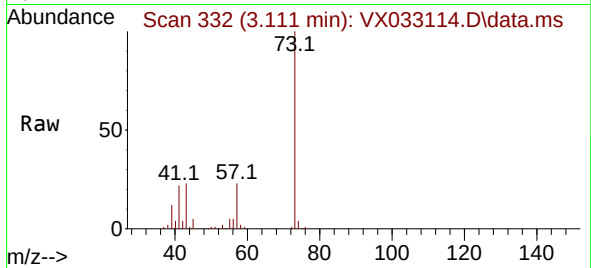




#19
Methyl tert-butyl Ether
Concen: 14.784 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX033114.D
Acq: 29 Nov 2022 13:47

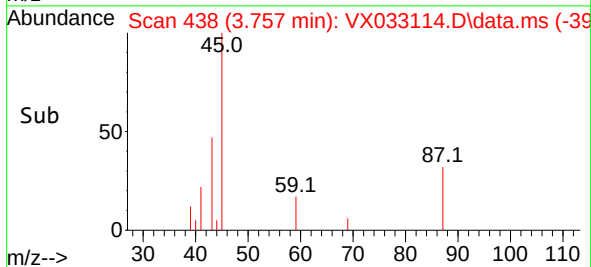
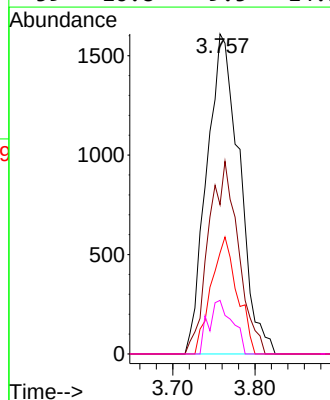
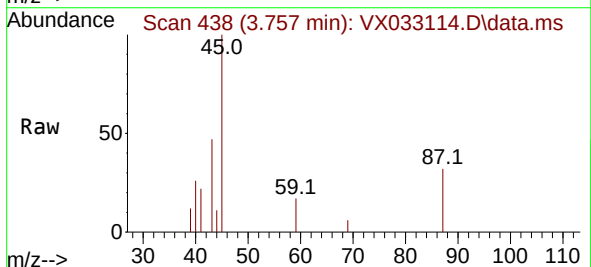
Instrument :
MSVOA_X
ClientSampleId :
MW-37

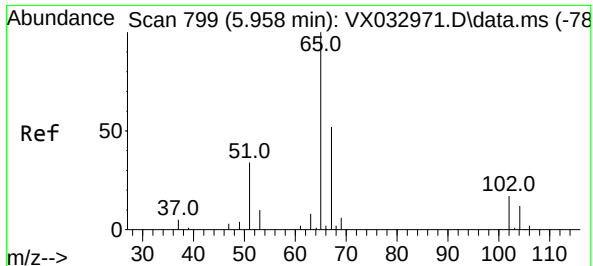
Tgt Ion: 73 Resp: 57781
Ion Ratio Lower Upper
73 100
57 23.4 16.6 25.0



#22
Diisopropyl ether
Concen: 1.125 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX033114.D
Acq: 29 Nov 2022 13:47

Tgt Ion: 45 Resp: 4455
Ion Ratio Lower Upper
45 100
43 46.7 56.4 84.6#
87 31.6 24.4 36.6
59 16.8 9.5 14.3#





#33

1,2-Dichloroethane-d4

Concen: 55.699 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033114.D

Acq: 29 Nov 2022 13:47

Instrument :

MSVOA_X

ClientSampleId :

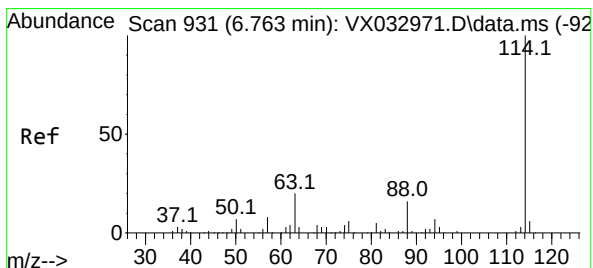
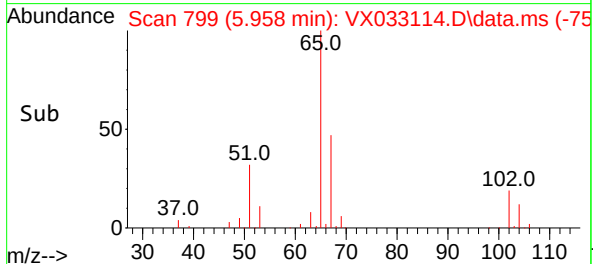
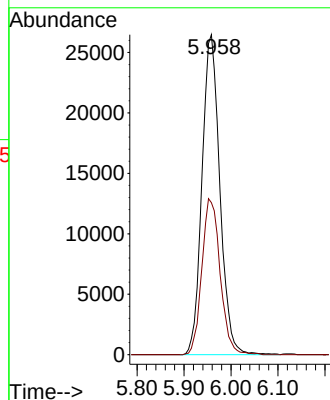
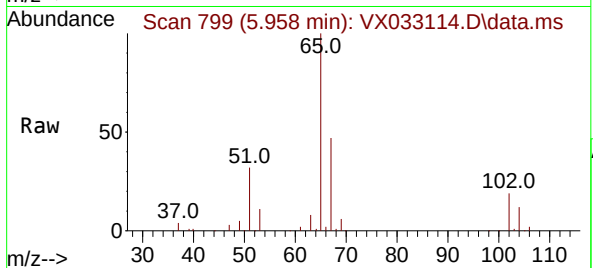
MW-37

Tgt Ion: 65 Resp: 69834

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: VX033114.D

Acq: 29 Nov 2022 13:47

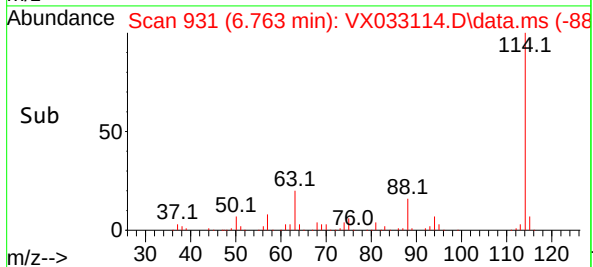
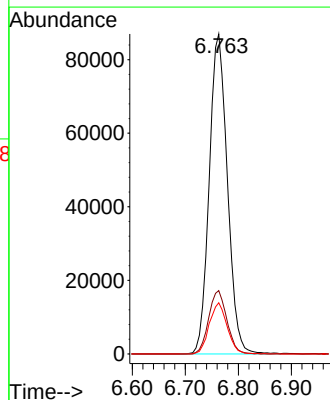
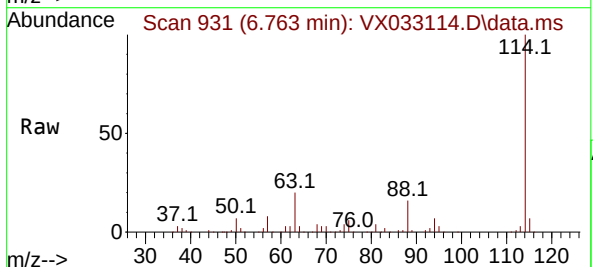
Tgt Ion: 114 Resp: 206806

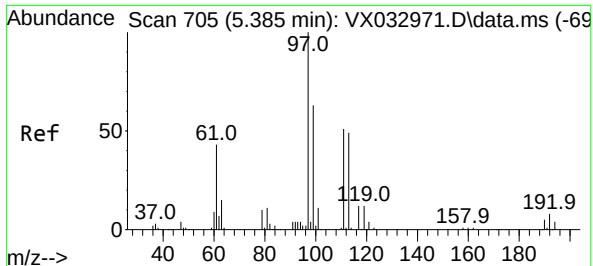
Ion Ratio Lower Upper

114 100

63 19.8 0.0 41.6

88 16.0 0.0 33.4

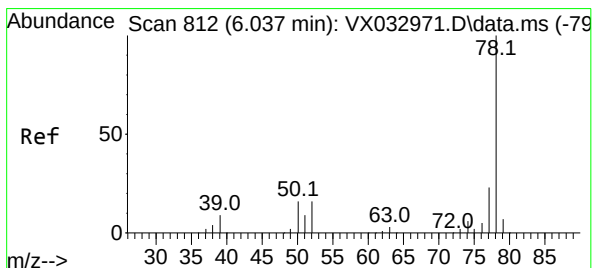
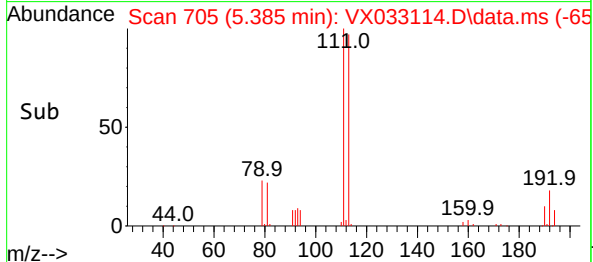
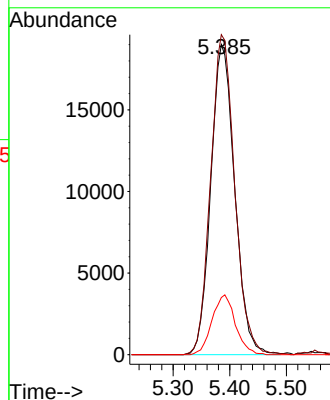
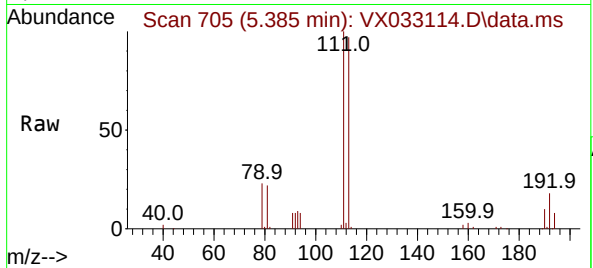




#35
Dibromofluoromethane
Concen: 47.688 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033114.D
Acq: 29 Nov 2022 13:47

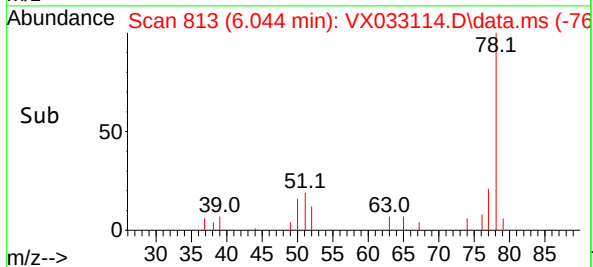
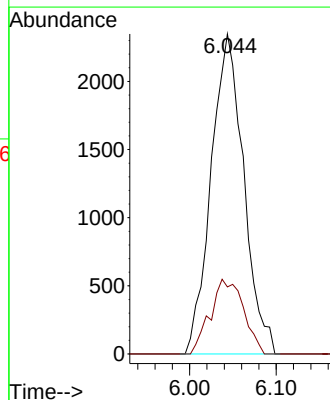
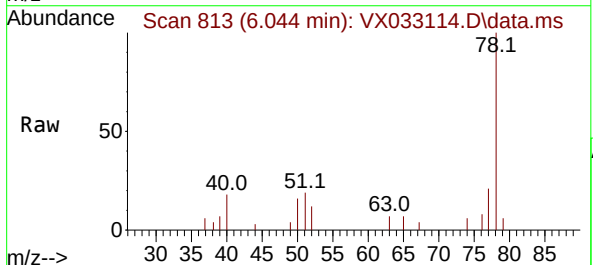
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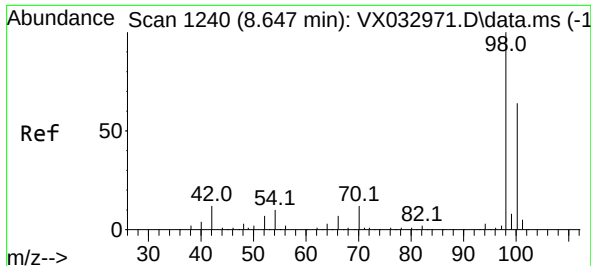
Tgt Ion:113 Resp: 55599
Ion Ratio Lower Upper
113 100
111 103.8 82.4 123.6
192 18.9 15.4 23.2



#40
Benzene
Concen: 1.174 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.007 min
Lab File: VX033114.D
Acq: 29 Nov 2022 13:47

Tgt Ion: 78 Resp: 6138
Ion Ratio Lower Upper
78 100
77 21.0 19.0 28.4

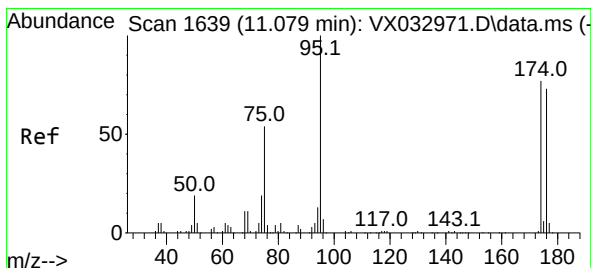
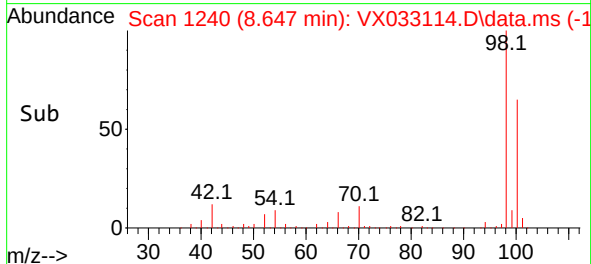
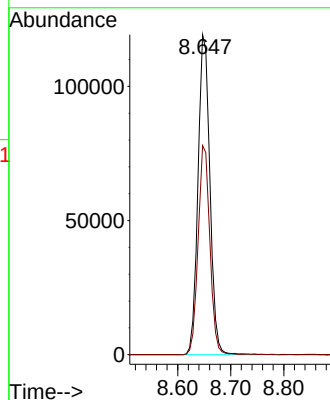
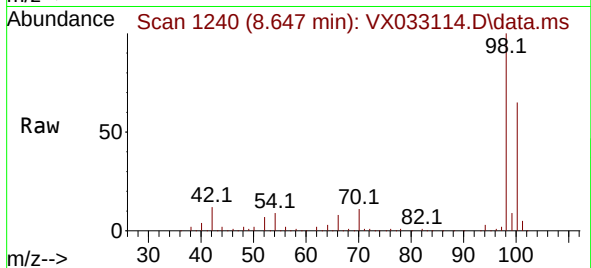




#50
Toluene-d8
Concen: 53.216 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX033114.D
Acq: 29 Nov 2022 13:47

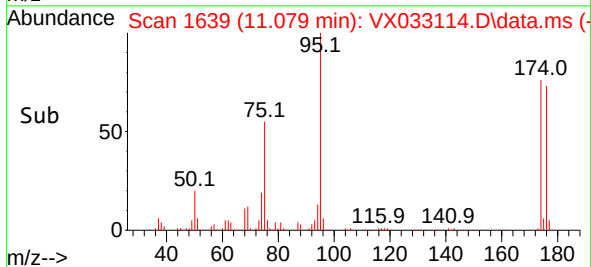
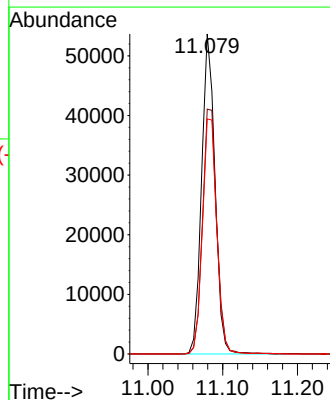
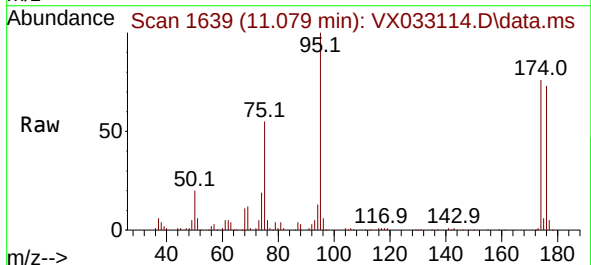
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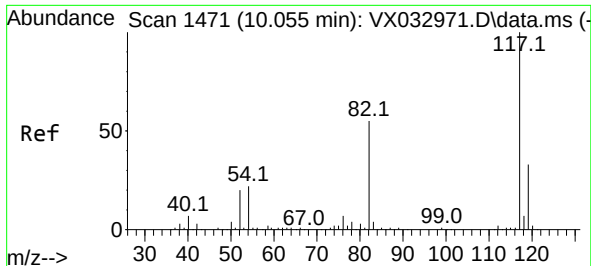
Tgt Ion: 98 Resp: 186193
Ion Ratio Lower Upper
98 100
100 64.5 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 43.502 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033114.D
Acq: 29 Nov 2022 13:47

Tgt Ion: 95 Resp: 66625
Ion Ratio Lower Upper
95 100
174 81.7 0.0 164.0
176 78.5 0.0 154.4

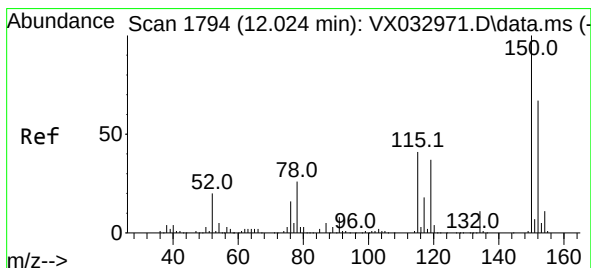
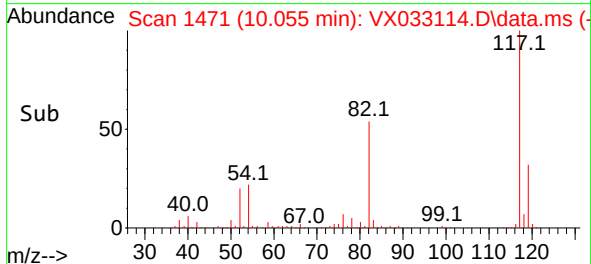
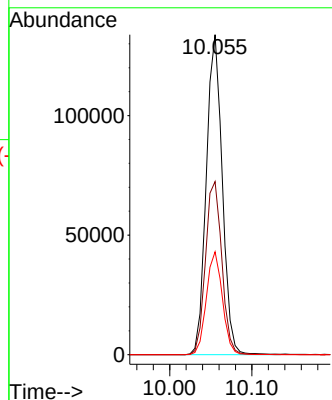
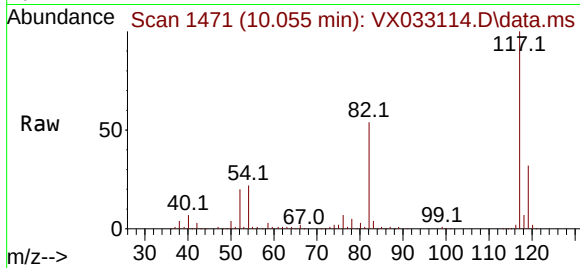




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033114.D
Acq: 29 Nov 2022 13:47

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:117 Resp: 180649
Ion Ratio Lower Upper
117 100
82 54.1 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: VX033114.D
Acq: 29 Nov 2022 13:47

Tgt Ion:152 Resp: 84568
Ion Ratio Lower Upper
152 100
115 60.2 44.0 132.0
150 157.6 0.0 351.8

