

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101022\
 Data File : VX032023.D
 Acq On : 10 Oct 2022 19:23
 Operator : JC/MD
 Sample : N4937-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-109

Quant Time: Oct 11 05:14:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 14:28:46 2022
 Response via : Initial Calibration

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

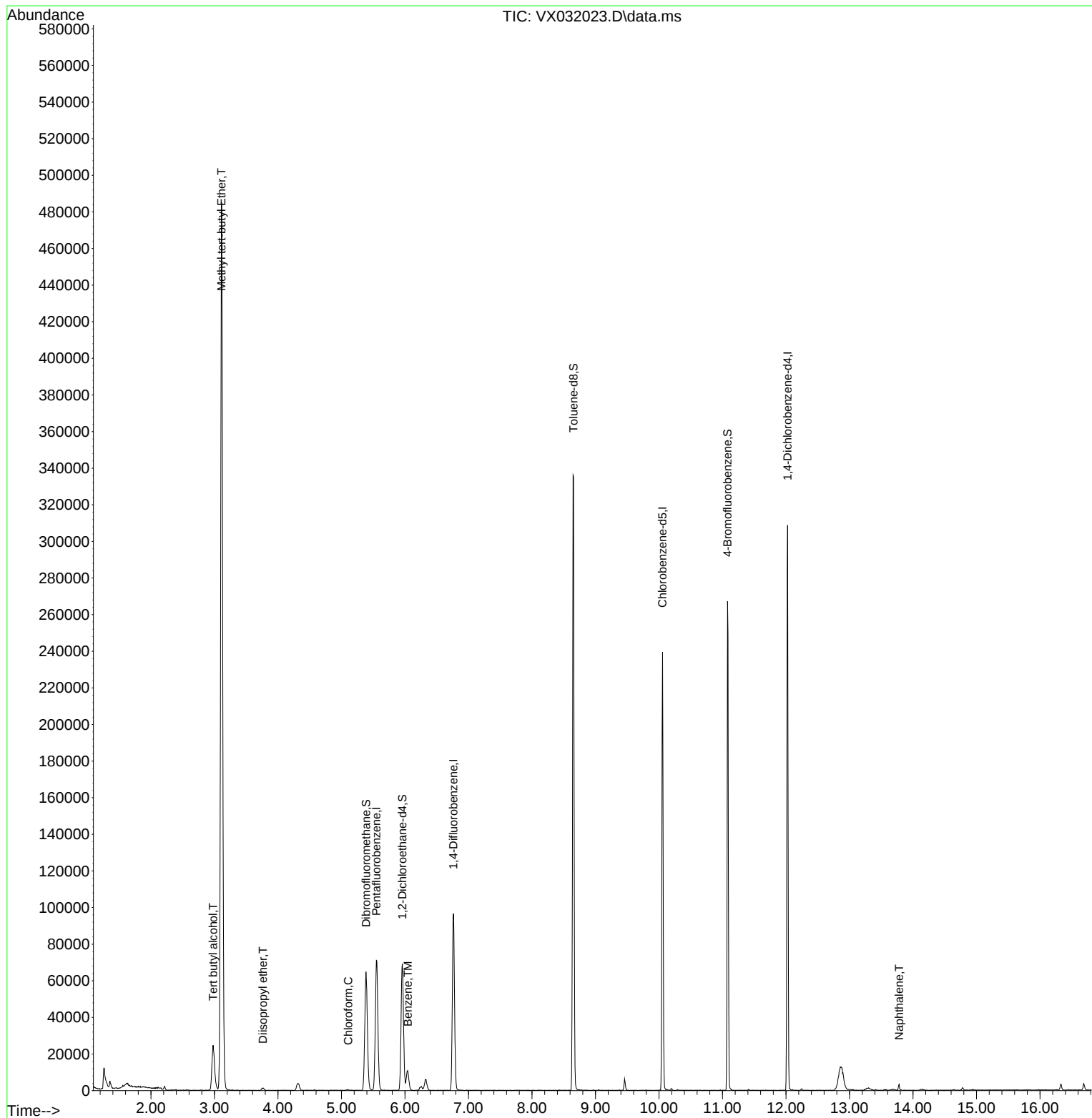
Internal Standards						
1) Pentafluorobenzene	5.550	168	65892	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	99810	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	105050	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	62484	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	67018	49.249	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.500%
35) Dibromofluoromethane	5.385	113	54574	48.304	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.600%
50) Toluene-d8	8.653	98	198670	48.869	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.740%
62) 4-Bromofluorobenzene	11.079	95	66855	46.517	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.040%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.977	59	32408	191.415	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	521019	154.696	ug/l	98
22) Diisopropyl ether	3.764	45	1411	0.440	ug/l #	72
30) Chloroform	5.105	83	527	0.246	ug/l #	60
40) Benzene	6.044	78	13255	3.021	ug/l	99
95) Naphthalene	13.780	128	2645	0.579	ug/l #	94

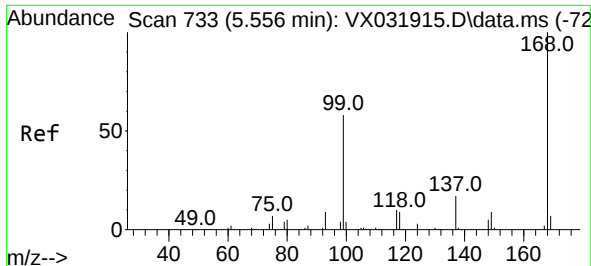
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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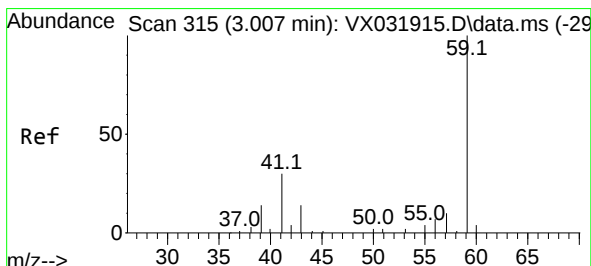
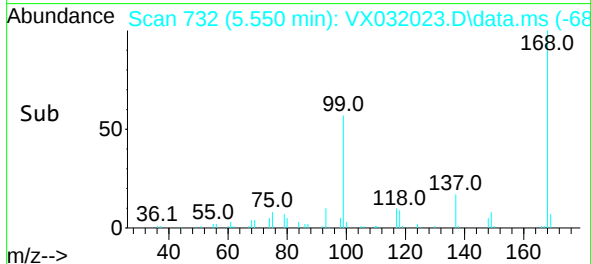
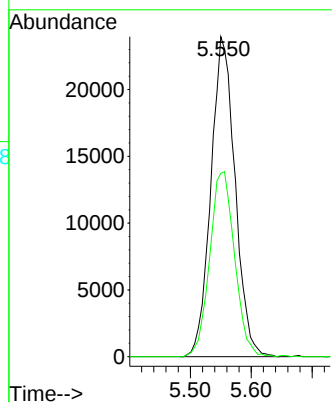
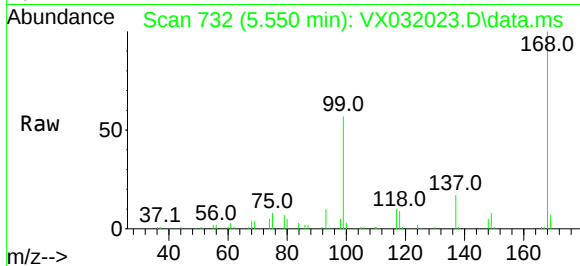




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032023.D
Acq: 10 Oct 2022 19:23

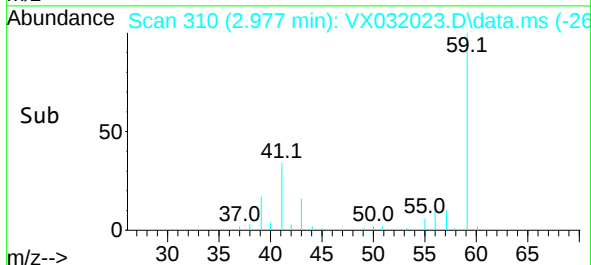
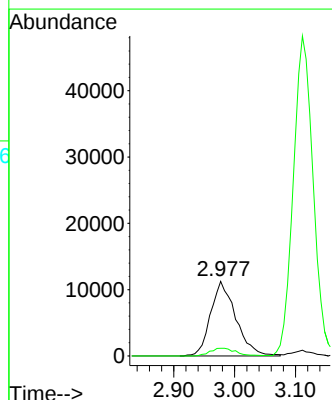
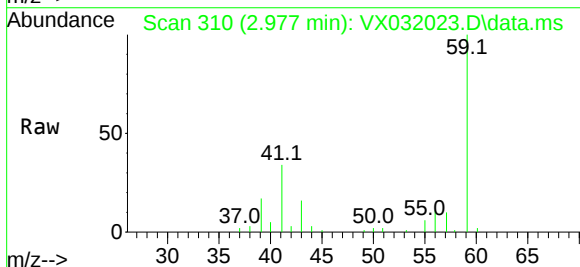
Instrument :
MSVOA_X
ClientSampleId :
MW-109

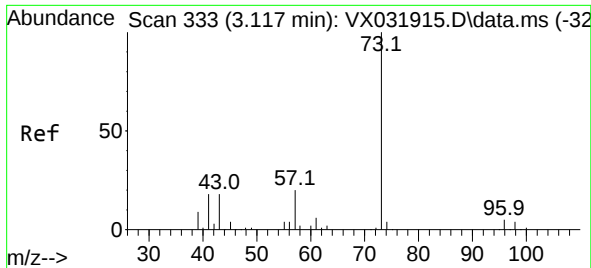
Tgt Ion:168 Resp: 65892
Ion Ratio Lower Upper
168 100
99 57.3 48.8 73.2



#11
Tert butyl alcohol
Concen: 191.415 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.030 min
Lab File: VX032023.D
Acq: 10 Oct 2022 19:23

Tgt Ion: 59 Resp: 32408
Ion Ratio Lower Upper
59 100
57 10.8 8.2 12.2

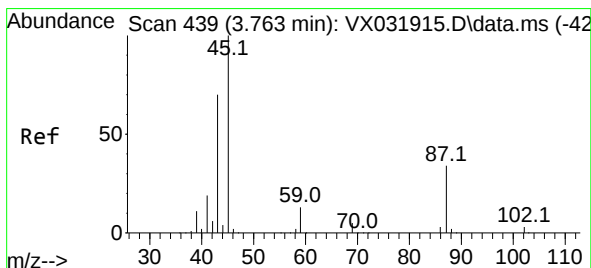
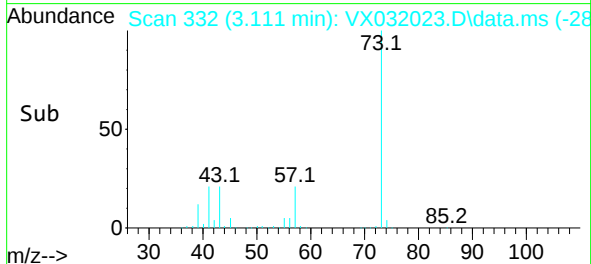
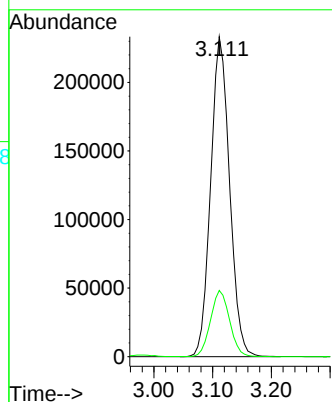
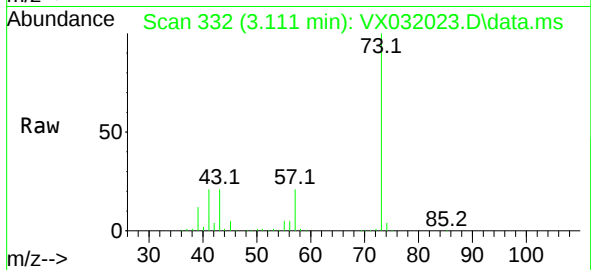




#19
Methyl tert-butyl Ether
Concen: 154.696 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX032023.D
Acq: 10 Oct 2022 19:23

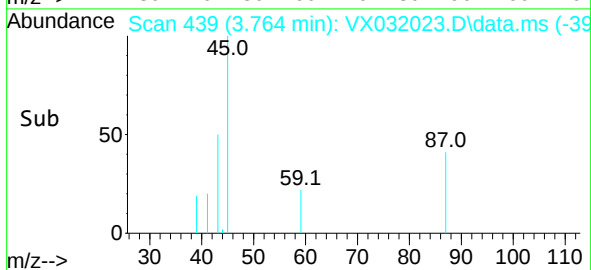
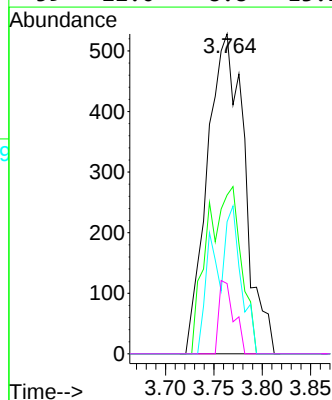
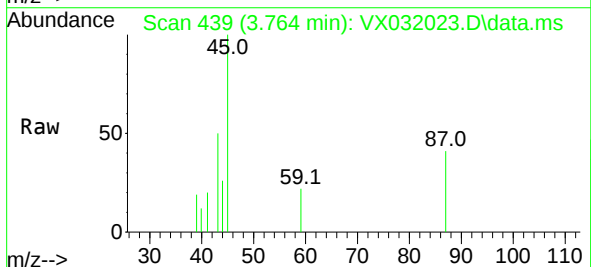
Instrument :
MSVOA_X
ClientSampleId :
MW-109

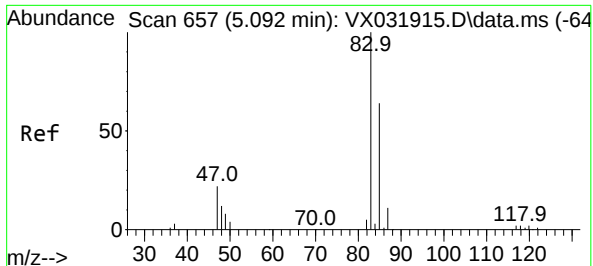
Tgt Ion: 73 Resp: 521019
Ion Ratio Lower Upper
73 100
57 20.7 17.2 25.8



#22
Diisopropyl ether
Concen: 0.440 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.001 min
Lab File: VX032023.D
Acq: 10 Oct 2022 19:23

Tgt Ion: 45 Resp: 1411
Ion Ratio Lower Upper
45 100
43 49.6 59.0 88.6#
87 41.3 22.6 33.8#
59 22.0 8.8 13.2#





#30

Chloroform

Concen: 0.246 ug/l

RT: 5.105 min Scan# 61

Delta R.T. 0.013 min

Lab File: VX032023.D

Acq: 10 Oct 2022 19:23

Instrument :

MSVOA_X

ClientSampleId :

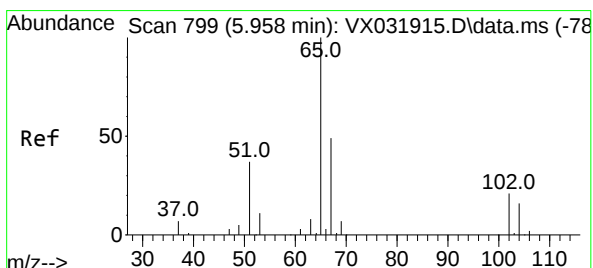
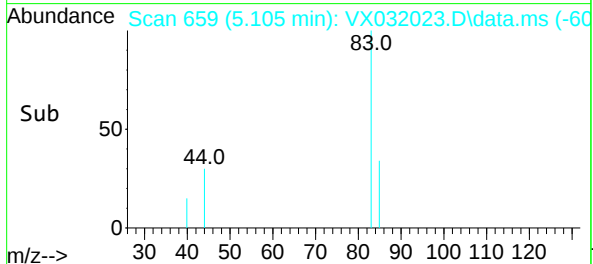
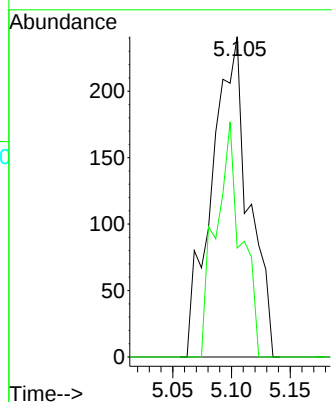
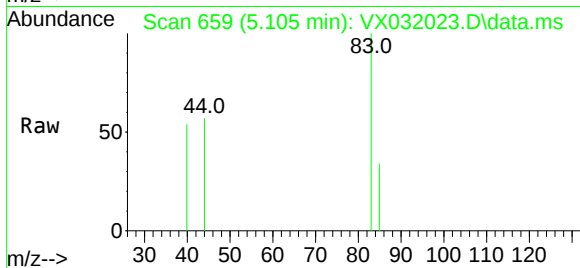
MW-109

Tgt Ion: 83 Resp: 527

Ion Ratio Lower Upper

83 100

85 34.0 52.8 79.2#



#33

1,2-Dichloroethane-d4

Concen: 49.249 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX032023.D

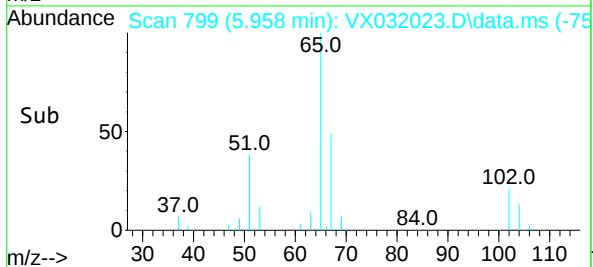
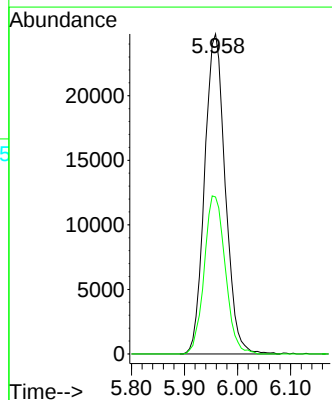
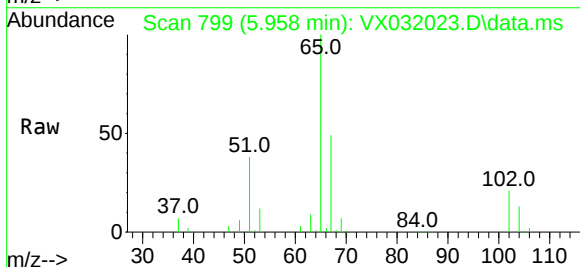
Acq: 10 Oct 2022 19:23

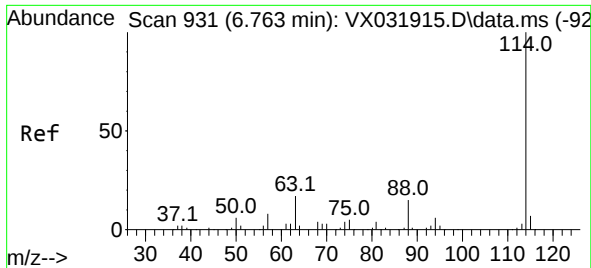
Tgt Ion: 65 Resp: 67018

Ion Ratio Lower Upper

65 100

67 50.4 0.0 102.4

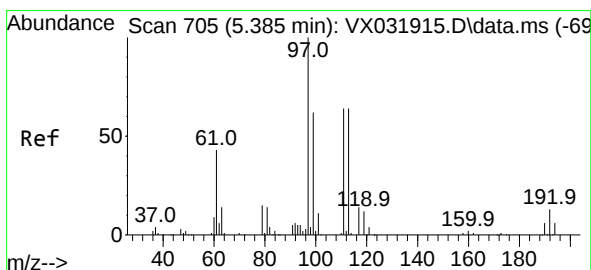
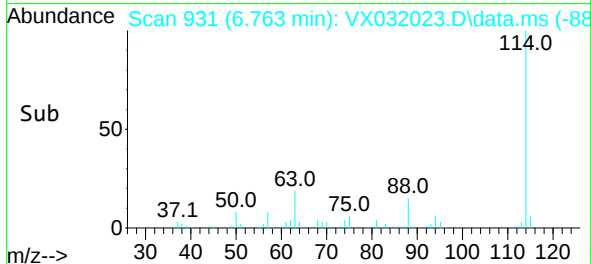
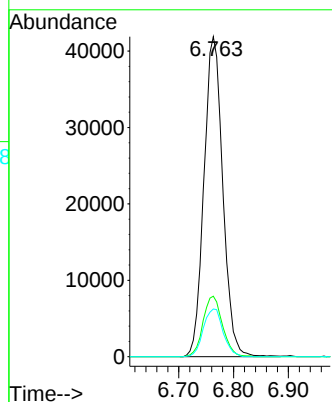
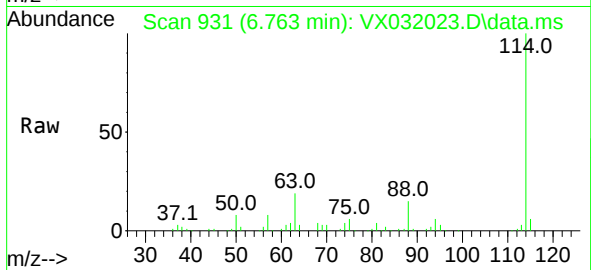




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX032023.D
Acq: 10 Oct 2022 19:23

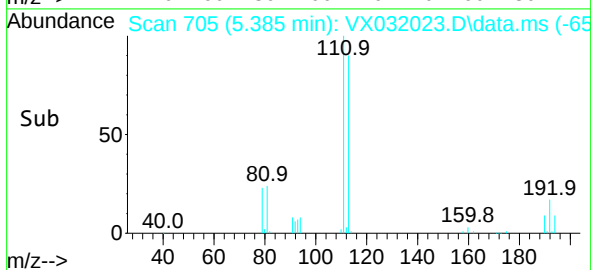
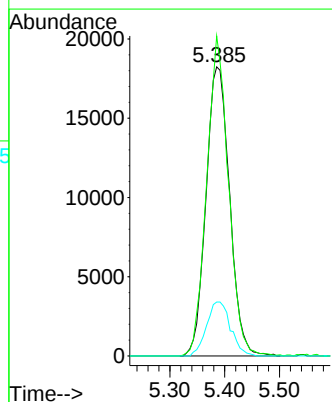
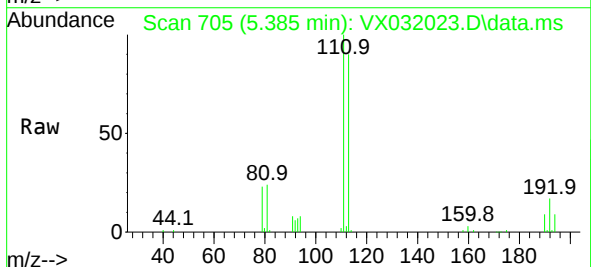
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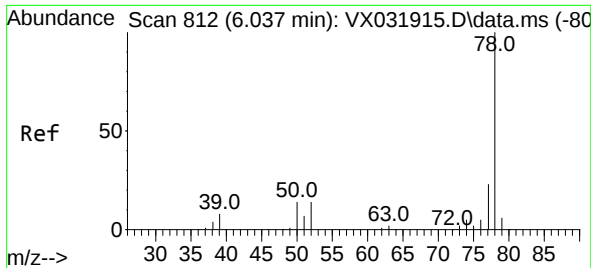
Tgt Ion:114 Resp: 99810
Ion Ratio Lower Upper
114 100
63 18.9 0.0 42.6
88 14.9 0.0 33.0



#35
Dibromofluoromethane
Concen: 48.304 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032023.D
Acq: 10 Oct 2022 19:23

Tgt Ion:113 Resp: 54574
Ion Ratio Lower Upper
113 100
111 102.2 82.4 123.6
192 19.0 14.1 21.1

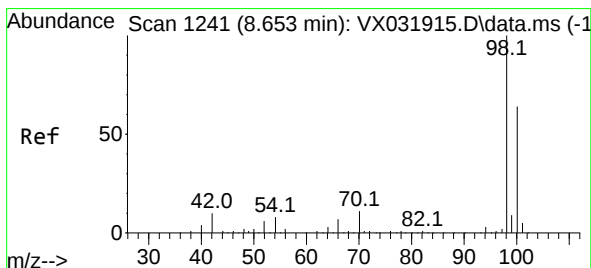
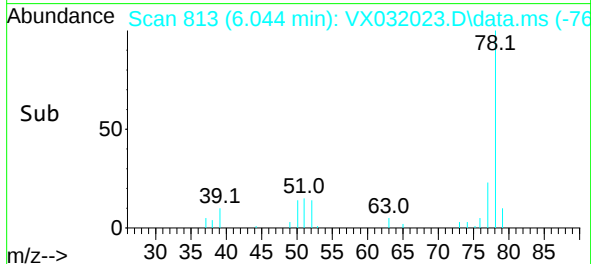
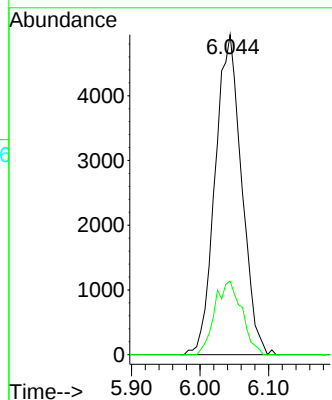
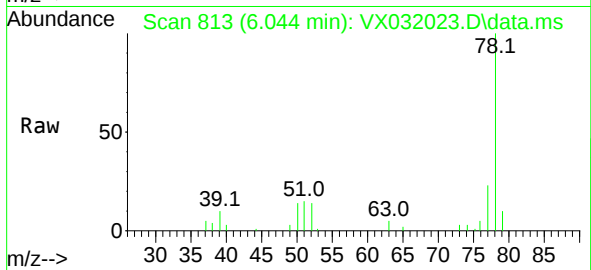




#40
Benzene
Concen: 3.021 ug/l
RT: 6.044 min Scan# 812
Delta R.T. 0.007 min
Lab File: VX032023.D
Acq: 10 Oct 2022 19:23

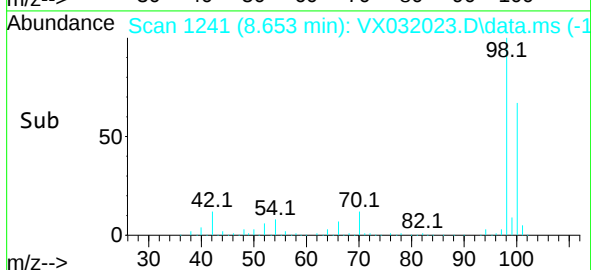
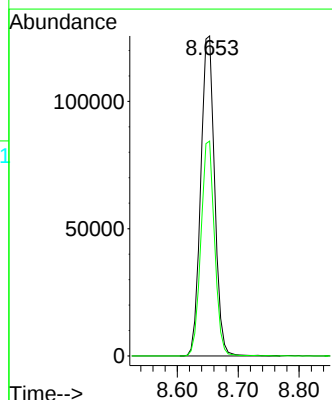
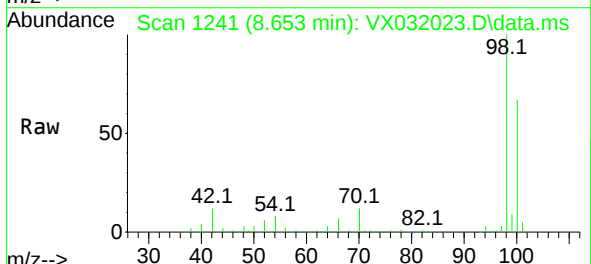
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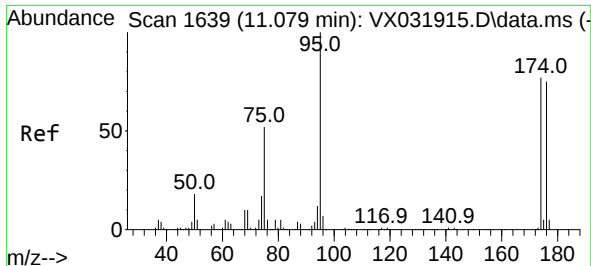
Tgt Ion: 78 Resp: 13255
Ion Ratio Lower Upper
78 100
77 23.0 18.7 28.1



#50
Toluene-d8
Concen: 48.869 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX032023.D
Acq: 10 Oct 2022 19:23

Tgt Ion: 98 Resp: 198670
Ion Ratio Lower Upper
98 100
100 66.0 52.5 78.7

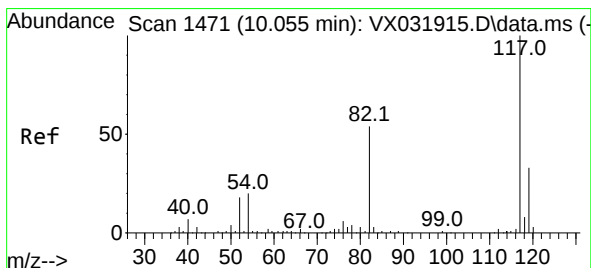
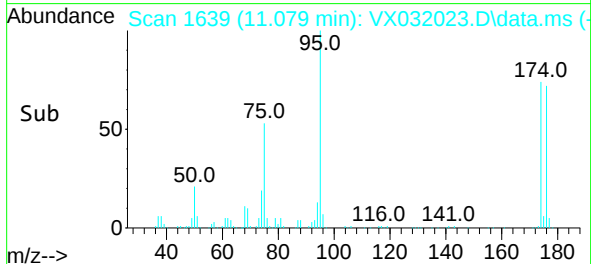
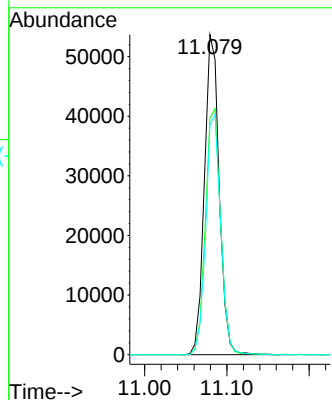
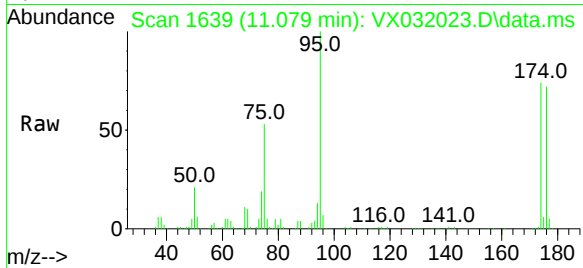




#62
4-Bromofluorobenzene
Concen: 46.517 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032023.D
Acq: 10 Oct 2022 19:23

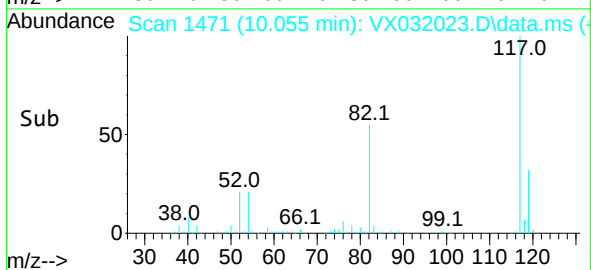
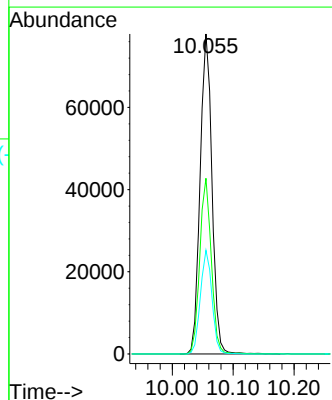
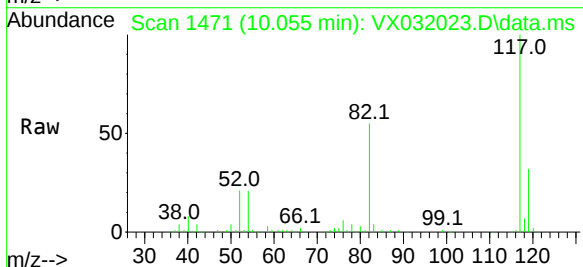
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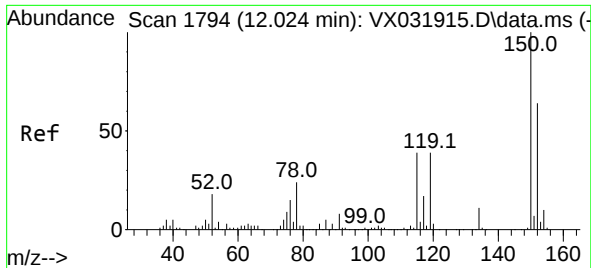
Tgt Ion: 95 Resp: 66855
Ion Ratio Lower Upper
95 100
174 79.4 0.0 153.2
176 76.3 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032023.D
Acq: 10 Oct 2022 19:23

Tgt Ion: 117 Resp: 105050
Ion Ratio Lower Upper
117 100
82 54.9 46.8 70.2
119 32.4 26.4 39.6

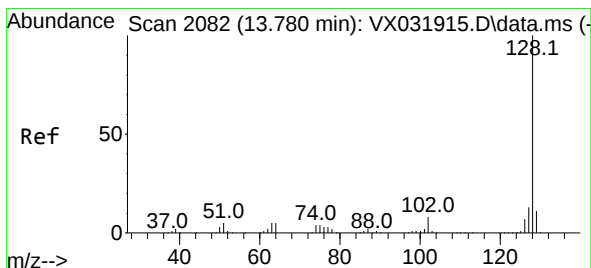
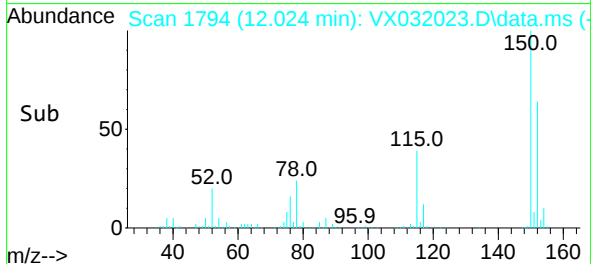
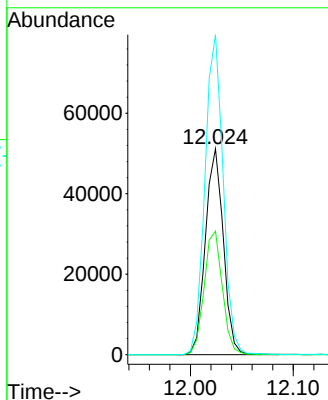
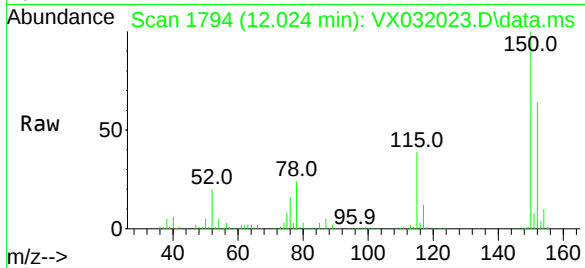




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032023.D
Acq: 10 Oct 2022 19:23

Instrument :
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ClientSampleId :
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Tgt Ion:152 Resp: 62484
Ion Ratio Lower Upper
152 100
115 61.0 43.4 130.1
150 156.7 0.0 346.8



#95
Naphthalene
Concen: 0.579 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX032023.D
Acq: 10 Oct 2022 19:23

Tgt Ion:128 Resp: 2645
Ion Ratio Lower Upper
128 100
127 10.5 10.4 15.6
129 8.6 8.8 13.2#

