

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112322\
 Data File : VX033043.D
 Acq On : 24 Nov 2022 06:50
 Operator : JC/MD
 Sample : N5741-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-35

Quant Time: Nov 25 06:37:54 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)

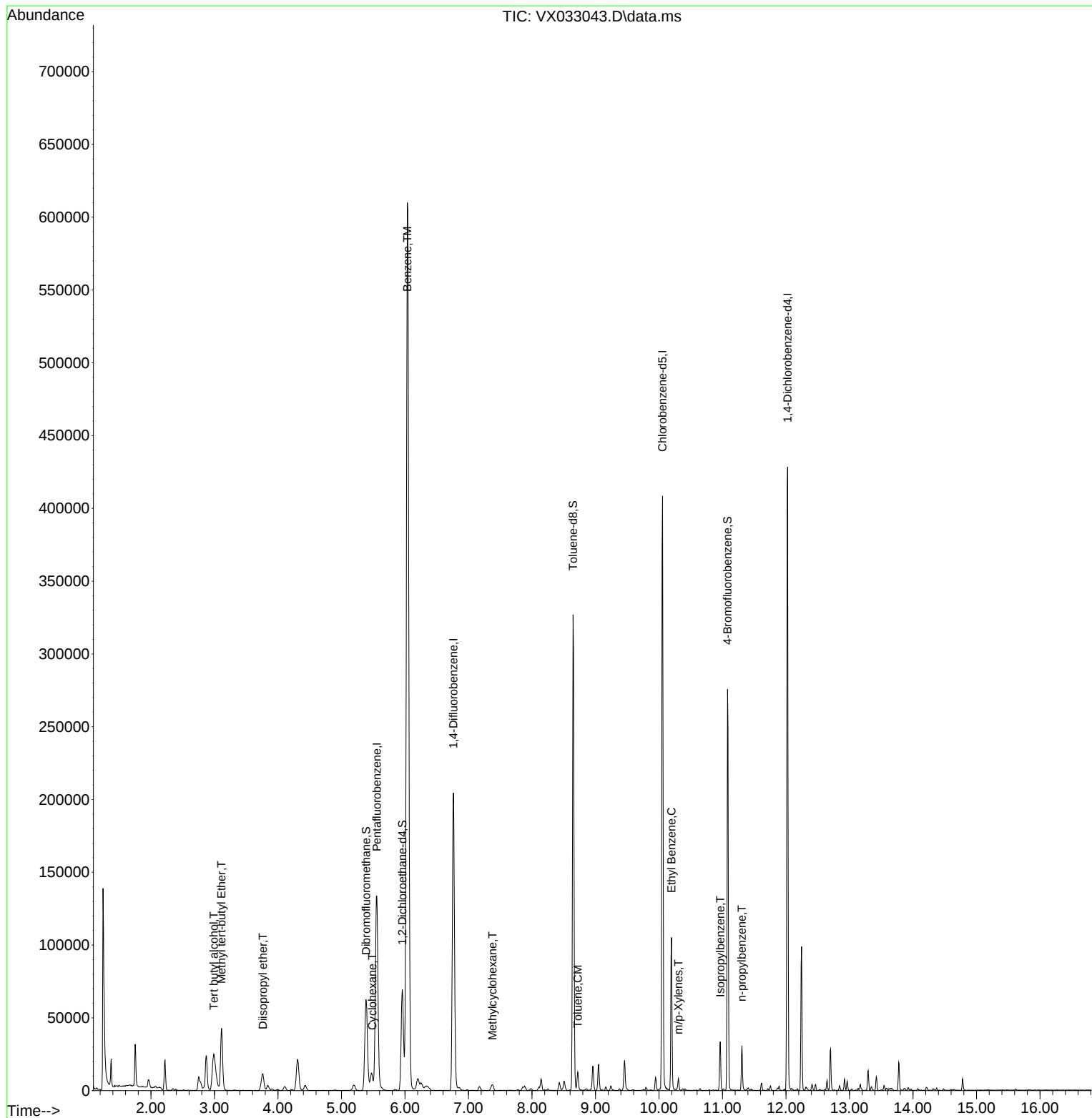
Internal Standards						
1) Pentafluorobenzene	5.556	168	127231	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	206684	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	184189	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	88072	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	69223	56.059	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 112.120%	
35) Dibromofluoromethane	5.385	113	54461	46.739	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 93.480%	
50) Toluene-d8	8.647	98	192181	55.034	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 110.060%	
62) 4-Bromofluorobenzene	11.079	95	69994	45.729	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 91.460%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.989	59	49094	249.954	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	42620	11.068	ug/l	94
22) Diisopropyl ether	3.764	45	10951	2.806	ug/l #	85
31) Cyclohexane	5.483	56	7695	3.833	ug/l	97
39) Methylcyclohexane	7.379	83	1870	0.880	ug/l #	75
40) Benzene	6.038	78	735559	140.810	ug/l	100
52) Toluene	8.720	92	4473	1.302	ug/l	95
67) Ethyl Benzene	10.195	91	59744	9.171	ug/l	99
68) m/p-Xylenes	10.305	106	1937	0.759	ug/l	95
73) Isopropylbenzene	10.964	105	17390	2.763	ug/l	98
78) n-propylbenzene	11.305	91	18180	2.527	ug/l	100

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

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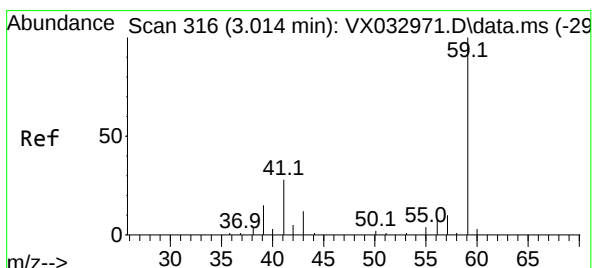
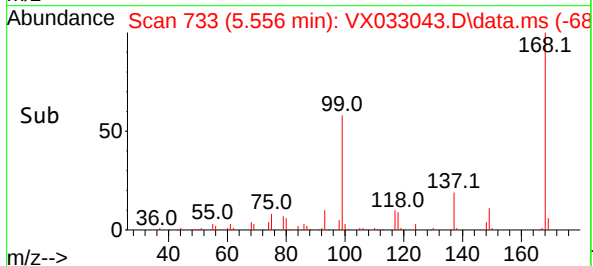
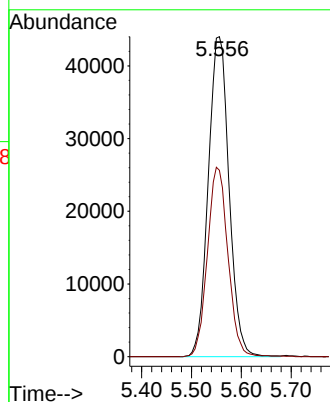
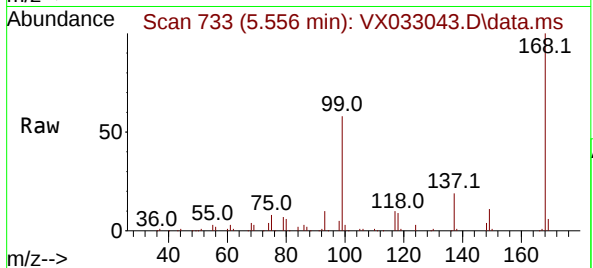




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033043.D
Acq: 24 Nov 2022 06:50

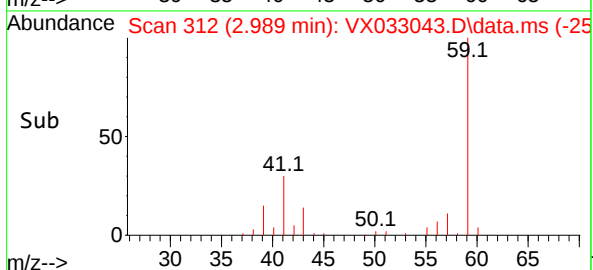
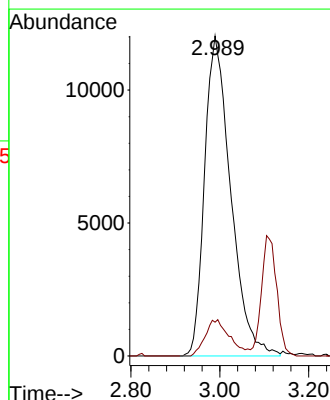
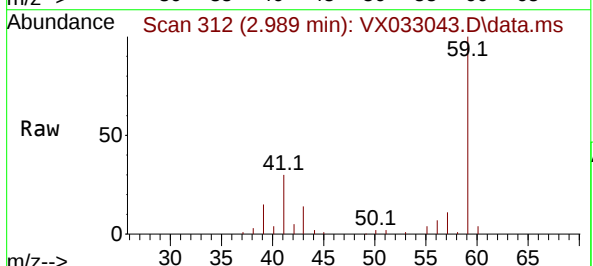
Instrument :
MSVOA_X
ClientSampleId :
MW-35

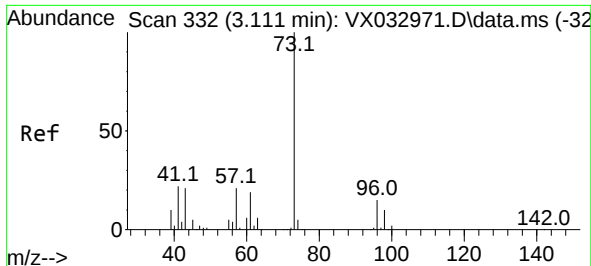
Tgt Ion:168 Resp: 127231
Ion Ratio Lower Upper
168 100
99 58.3 46.1 69.1



#11
Tert butyl alcohol
Concen: 249.954 ug/l
RT: 2.989 min Scan# 312
Delta R.T. 0.024 min
Lab File: VX033043.D
Acq: 24 Nov 2022 06:50

Tgt Ion: 59 Resp: 49094
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.4

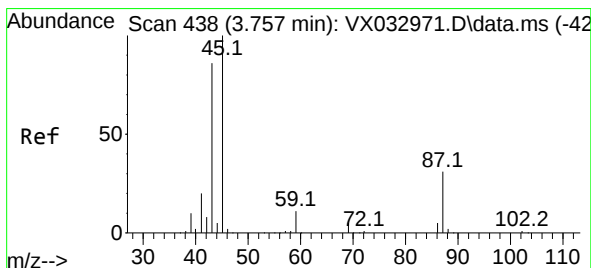
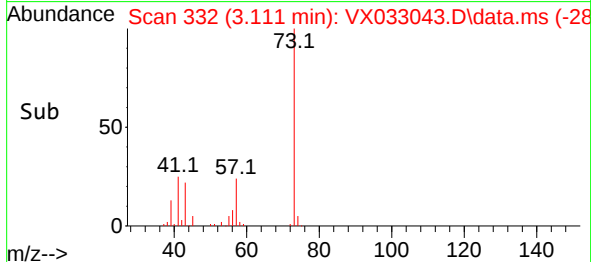
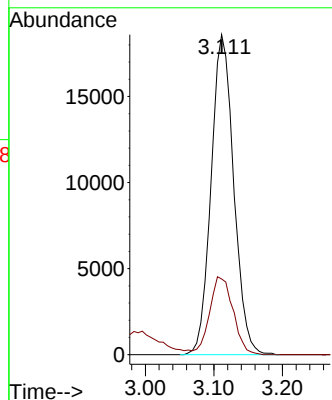
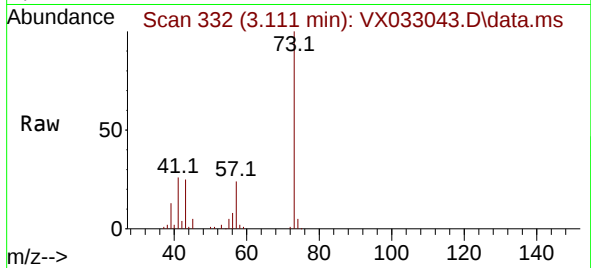




#19
Methyl tert-butyl Ether
Concen: 11.068 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX033043.D
Acq: 24 Nov 2022 06:50

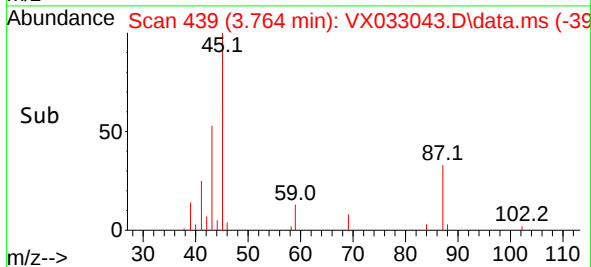
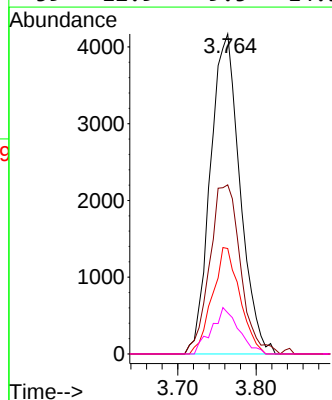
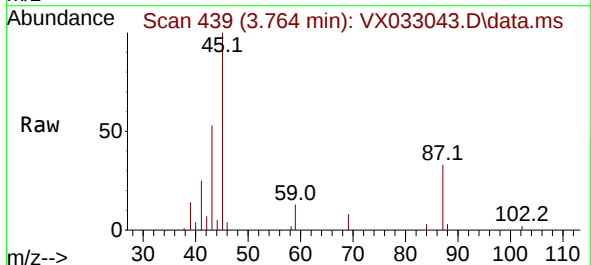
Instrument :
MSVOA_X
ClientSampleId :
MW-35

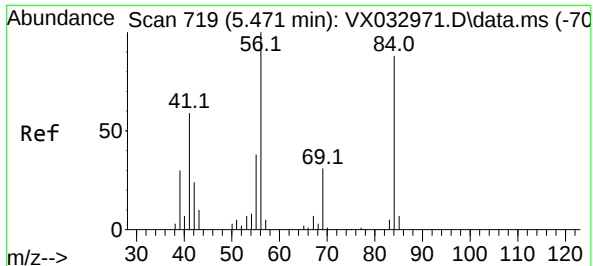
Tgt Ion: 73 Resp: 42620
Ion Ratio Lower Upper
73 100
57 23.7 16.6 25.0



#22
Diisopropyl ether
Concen: 2.806 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.001 min
Lab File: VX033043.D
Acq: 24 Nov 2022 06:50

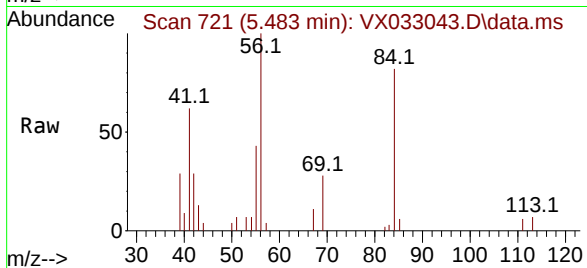
Tgt Ion: 45 Resp: 10951
Ion Ratio Lower Upper
45 100
43 52.8 56.4 84.6#
87 33.0 24.4 36.6
59 12.9 9.5 14.3



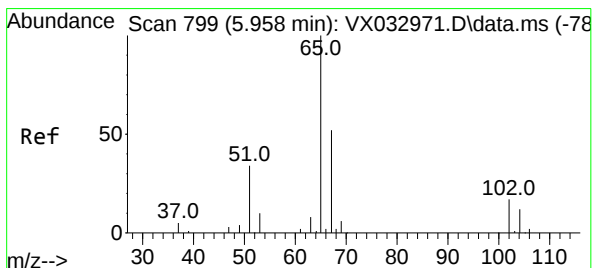
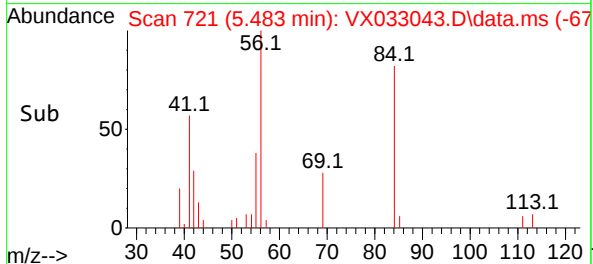
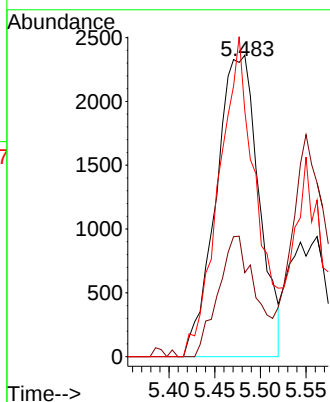


#31
Cyclohexane
Concen: 3.833 ug/l
RT: 5.483 min Scan# 719
Delta R.T. 0.013 min
Lab File: VX033043.D
Acq: 24 Nov 2022 06:50

Instrument :
MSVOA_X
ClientSampleId :
MW-35

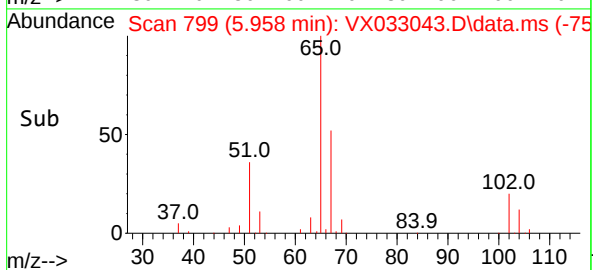
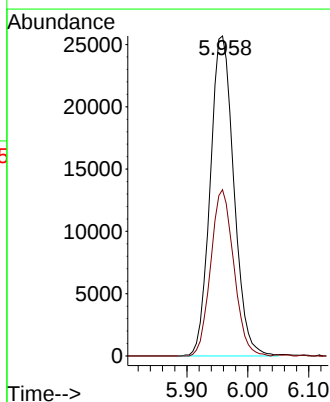
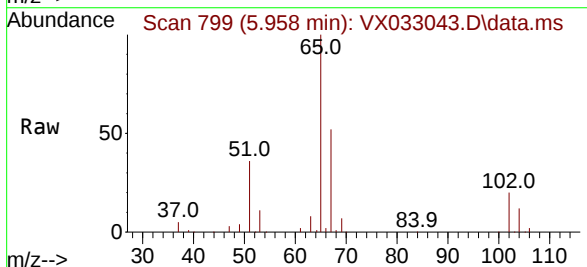


Tgt Ion: 56 Resp: 7695
Ion Ratio Lower Upper
56 100
69 27.9 24.1 36.1
84 81.7 66.9 100.3



#33
1,2-Dichloroethane-d4
Concen: 56.059 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033043.D
Acq: 24 Nov 2022 06:50

Tgt Ion: 65 Resp: 69223
Ion Ratio Lower Upper
65 100
67 50.7 0.0 101.8

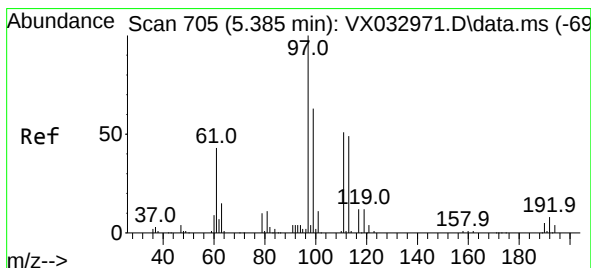
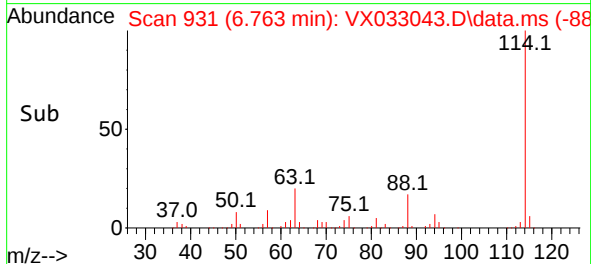
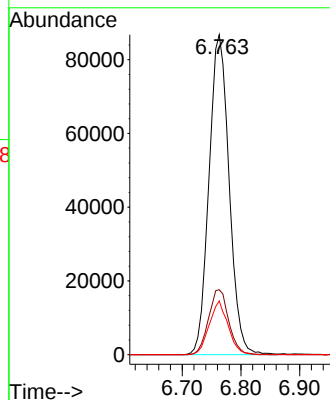
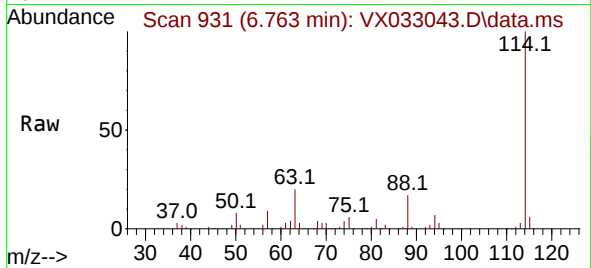




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX033043.D
Acq: 24 Nov 2022 06:50

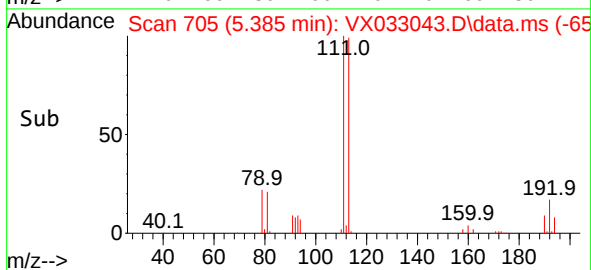
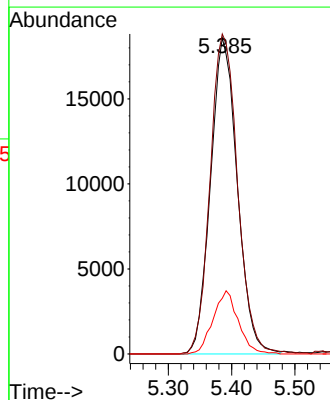
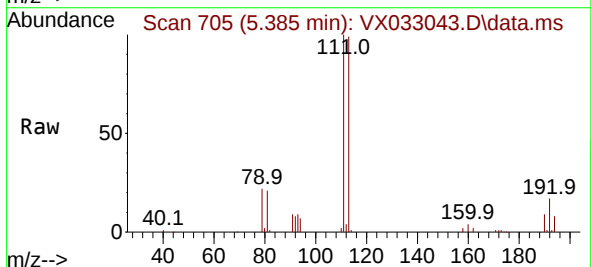
Instrument :
MSVOA_X
ClientSampleId :
MW-35

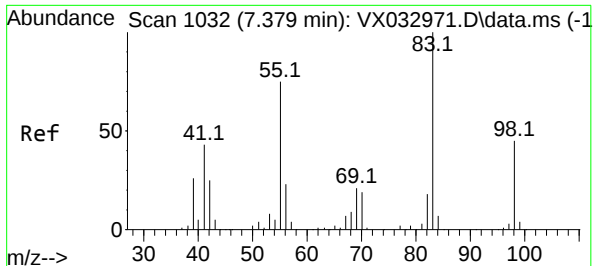
Tgt Ion:114 Resp: 206684
Ion Ratio Lower Upper
114 100
63 20.3 0.0 41.6
88 16.8 0.0 33.4



#35
Dibromofluoromethane
Concen: 46.739 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033043.D
Acq: 24 Nov 2022 06:50

Tgt Ion:113 Resp: 54461
Ion Ratio Lower Upper
113 100
111 104.1 82.4 123.6
192 18.9 15.4 23.2





#39

Methylcyclohexane

Concen: 0.880 ug/l

RT: 7.379 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX033043.D

Acq: 24 Nov 2022 06:50

Instrument :

MSVOA_X

ClientSampleId :

MW-35

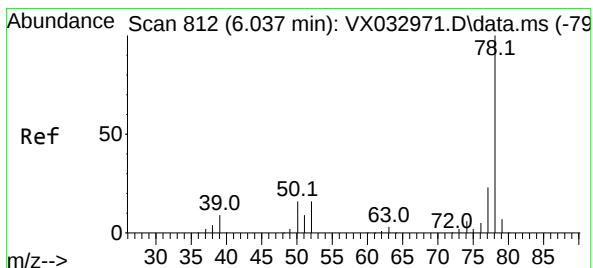
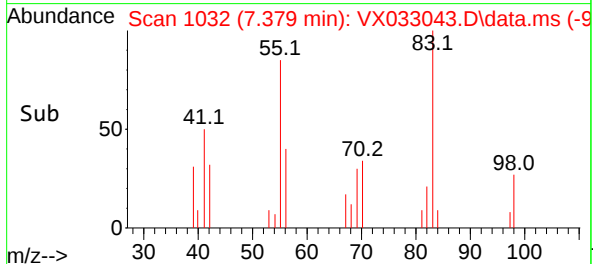
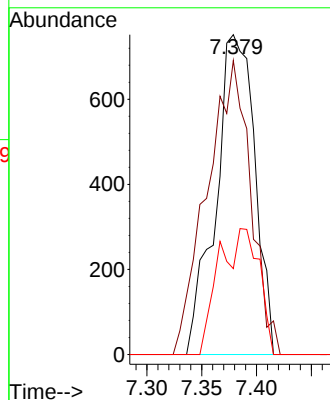
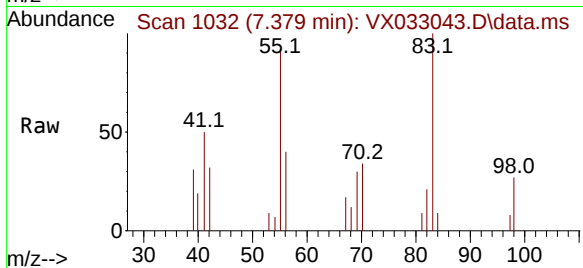
Tgt Ion: 83 Resp: 1870

Ion Ratio Lower Upper

83 100

55 91.9 58.4 87.6#

98 26.9 37.2 55.8#



#40

Benzene

Concen: 140.810 ug/l

RT: 6.038 min Scan# 812

Delta R.T. 0.001 min

Lab File: VX033043.D

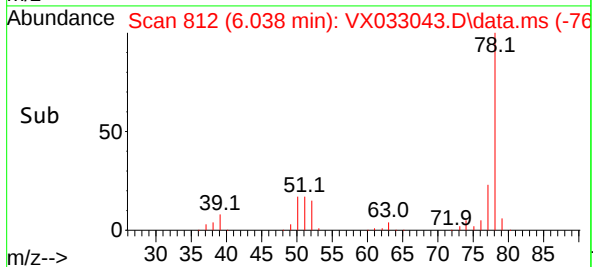
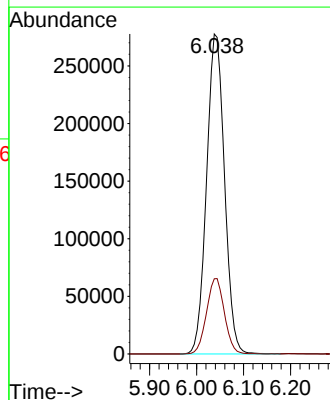
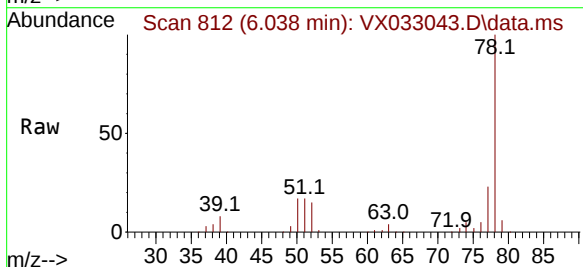
Acq: 24 Nov 2022 06:50

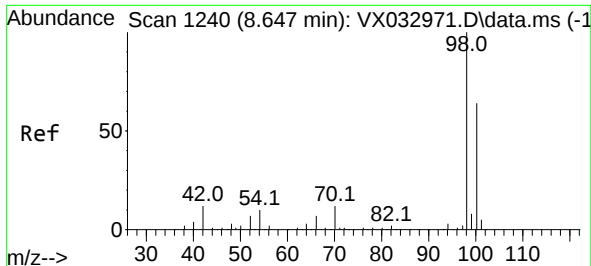
Tgt Ion: 78 Resp: 735559

Ion Ratio Lower Upper

78 100

77 23.5 19.0 28.4

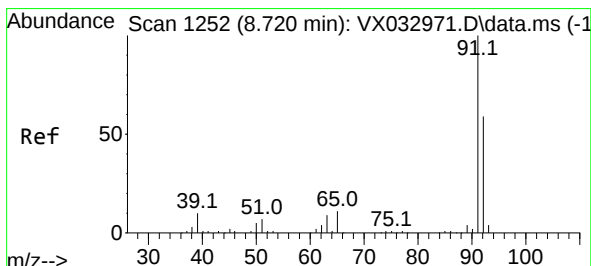
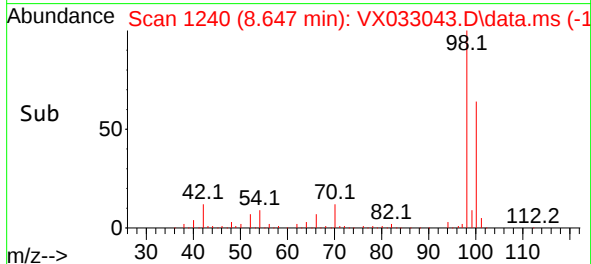
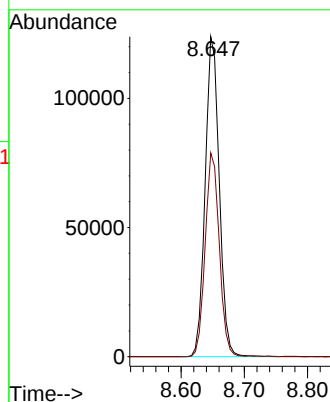
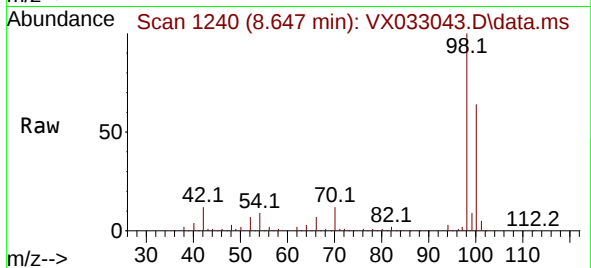




#50
Toluene-d8
Concen: 55.034 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX033043.D
Acq: 24 Nov 2022 06:50

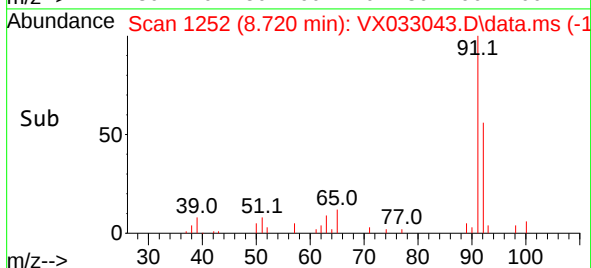
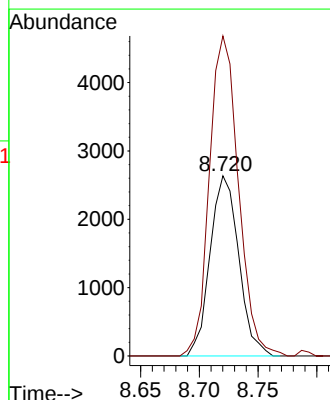
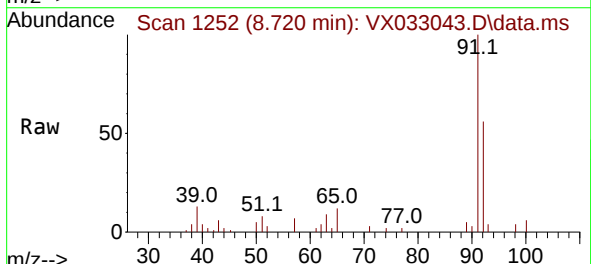
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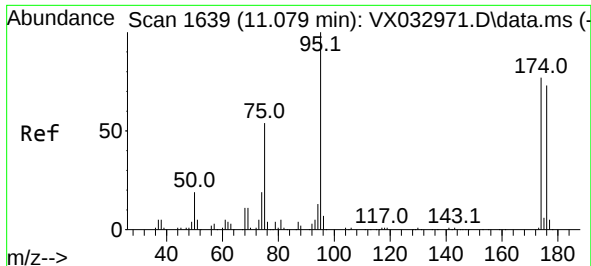
Tgt Ion: 98 Resp: 192181
Ion Ratio Lower Upper
98 100
100 64.0 50.9 76.3



#52
Toluene
Concen: 1.302 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX033043.D
Acq: 24 Nov 2022 06:50

Tgt Ion: 92 Resp: 4473
Ion Ratio Lower Upper
92 100
91 180.1 138.3 207.5

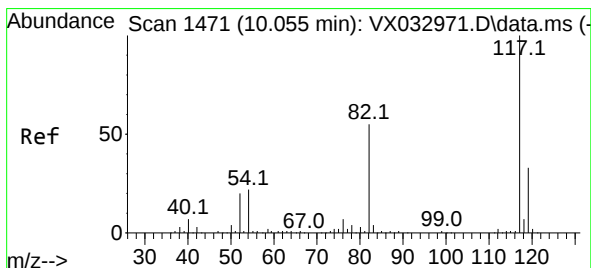
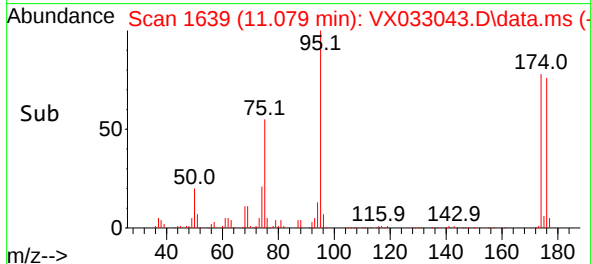
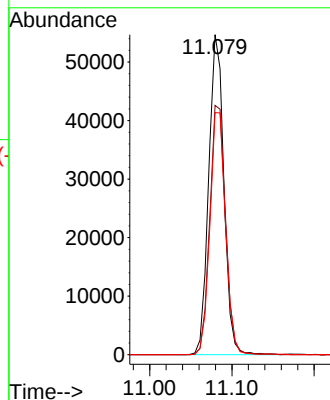
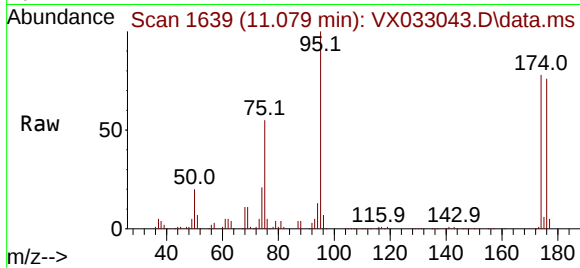




#62
4-Bromofluorobenzene
Concen: 45.729 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033043.D
Acq: 24 Nov 2022 06:50

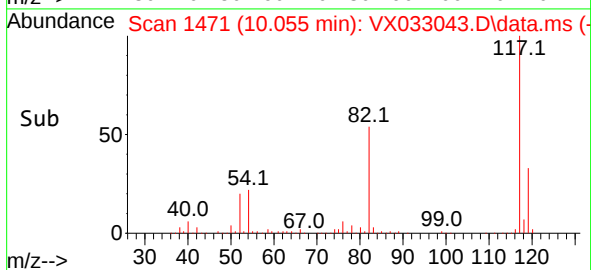
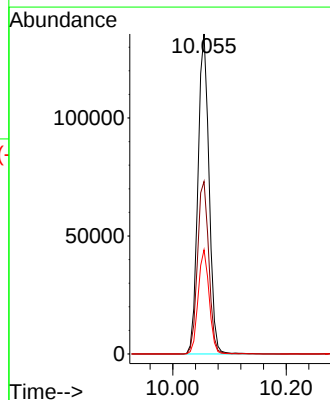
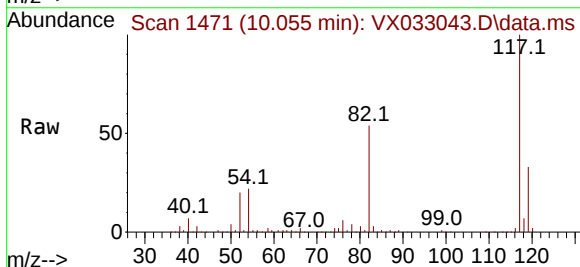
Instrument :
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MW-35

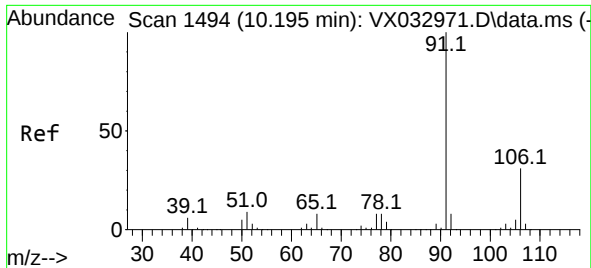
Tgt Ion: 95 Resp: 69994
Ion Ratio Lower Upper
95 100
174 81.1 0.0 164.0
176 78.3 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033043.D
Acq: 24 Nov 2022 06:50

Tgt Ion: 117 Resp: 184189
Ion Ratio Lower Upper
117 100
82 53.9 44.3 66.5
119 32.5 25.7 38.5

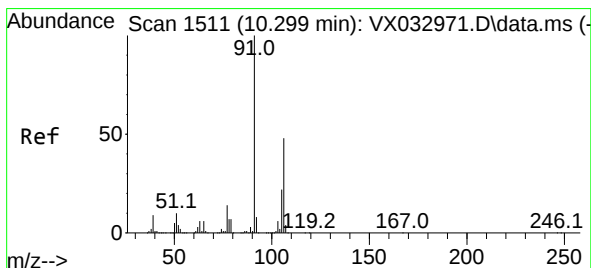
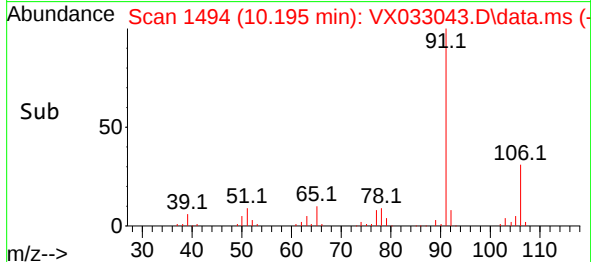
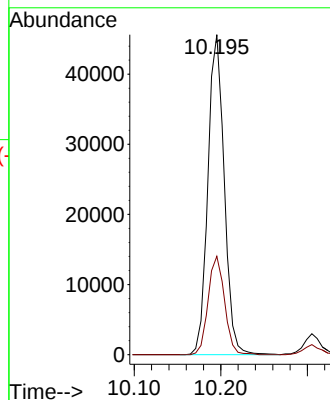
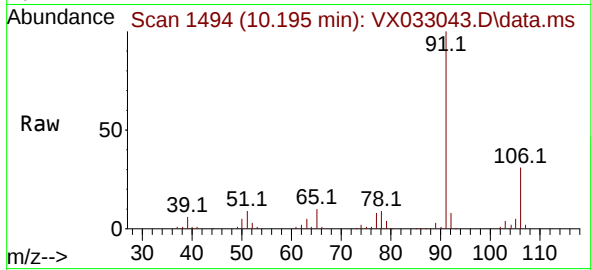




#67
Ethyl Benzene
Concen: 9.171 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033043.D
Acq: 24 Nov 2022 06:50

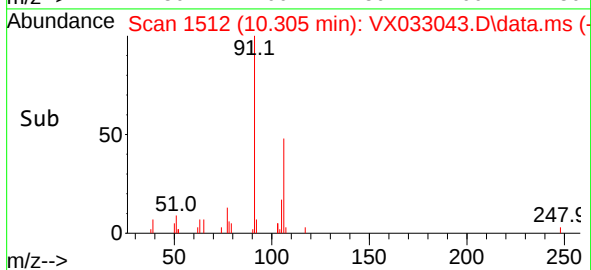
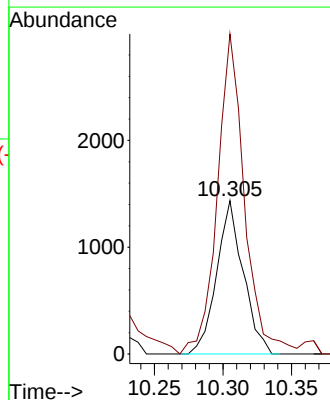
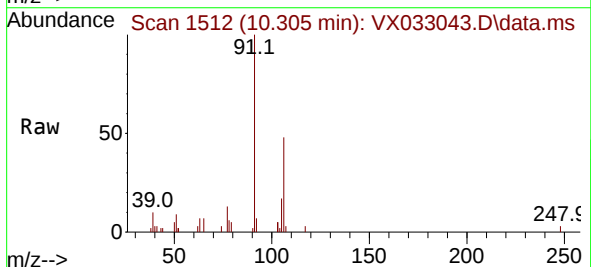
Instrument :
MSVOA_X
ClientSampleId :
MW-35

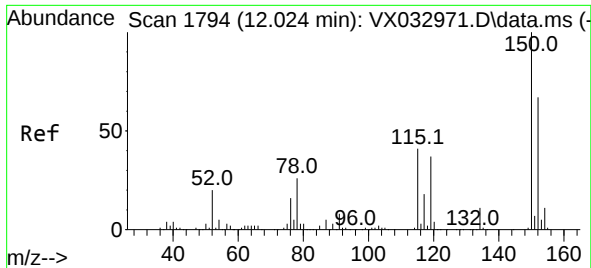
Tgt Ion: 91 Resp: 59744
Ion Ratio Lower Upper
91 100
106 30.7 25.0 37.6



#68
m/p-Xylenes
Concen: 0.759 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX033043.D
Acq: 24 Nov 2022 06:50

Tgt Ion: 106 Resp: 1937
Ion Ratio Lower Upper
106 100
91 212.9 164.5 246.7

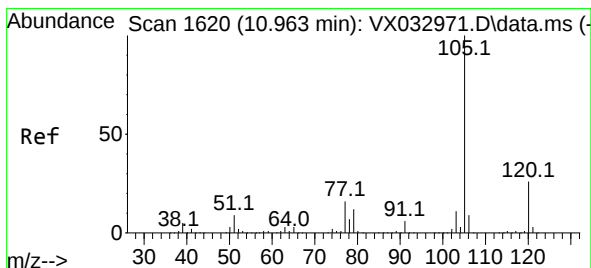
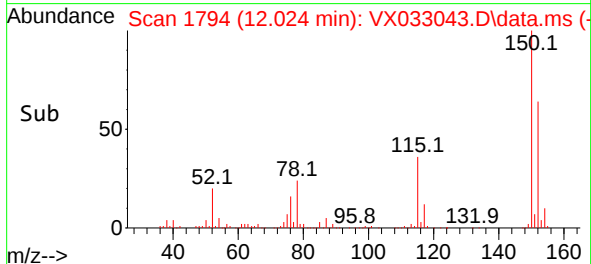
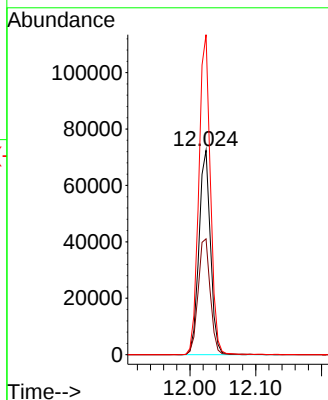
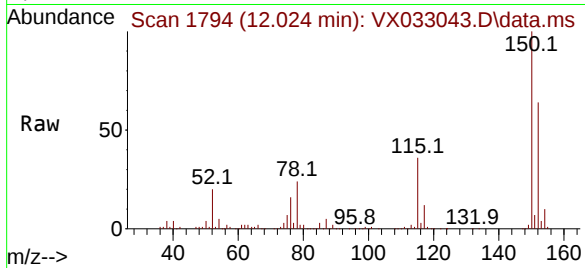




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033043.D
Acq: 24 Nov 2022 06:50

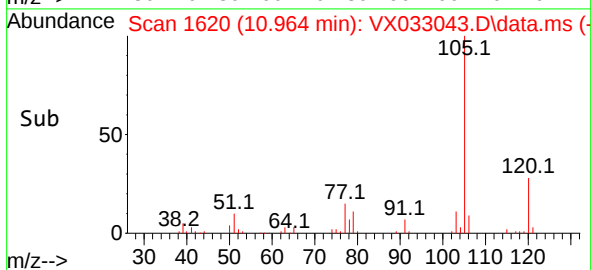
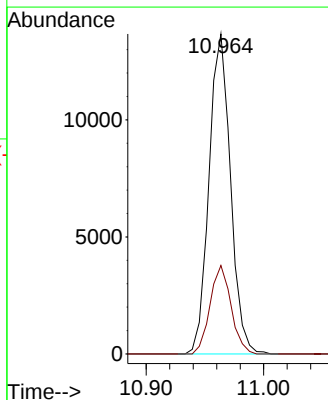
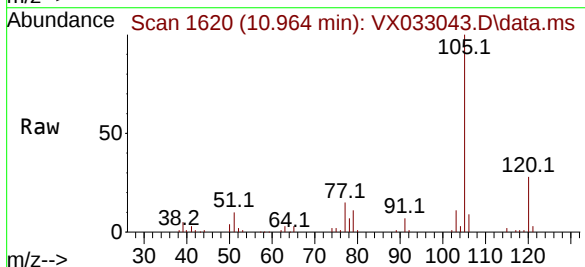
Instrument :
MSVOA_X
ClientSampleId :
MW-35

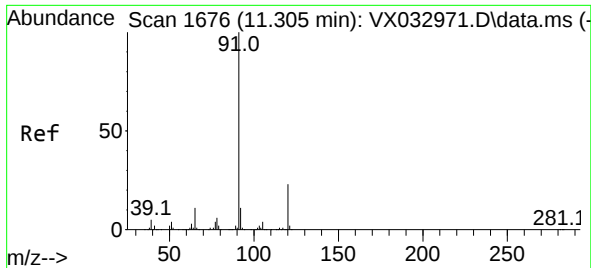
Tgt Ion:152 Resp: 88072
Ion Ratio Lower Upper
152 100
115 59.8 44.0 132.0
150 157.5 0.0 351.8



#73
Isopropylbenzene
Concen: 2.763 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX033043.D
Acq: 24 Nov 2022 06:50

Tgt Ion:105 Resp: 17390
Ion Ratio Lower Upper
105 100
120 27.0 13.1 39.3





#78

n-propylbenzene

Concen: 2.527 ug/l

RT: 11.305 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX033043.D

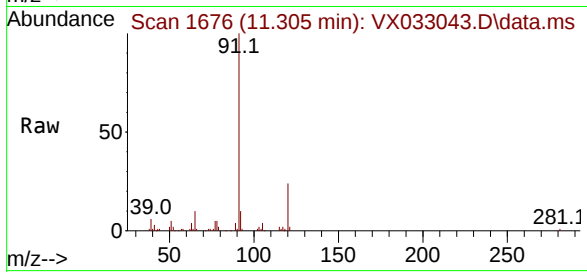
Acq: 24 Nov 2022 06:50

Instrument :

MSVOA_X

ClientSampleId :

MW-35



Tgt Ion: 91 Resp: 18180

Ion Ratio Lower Upper

91 100

120 23.0 11.6 34.8

