

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112522\
 Data File : VX033076.D
 Acq On : 25 Nov 2022 18:23
 Operator : JC/MD
 Sample : N5747-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-38I

Quant Time: Nov 28 00:50:30 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)

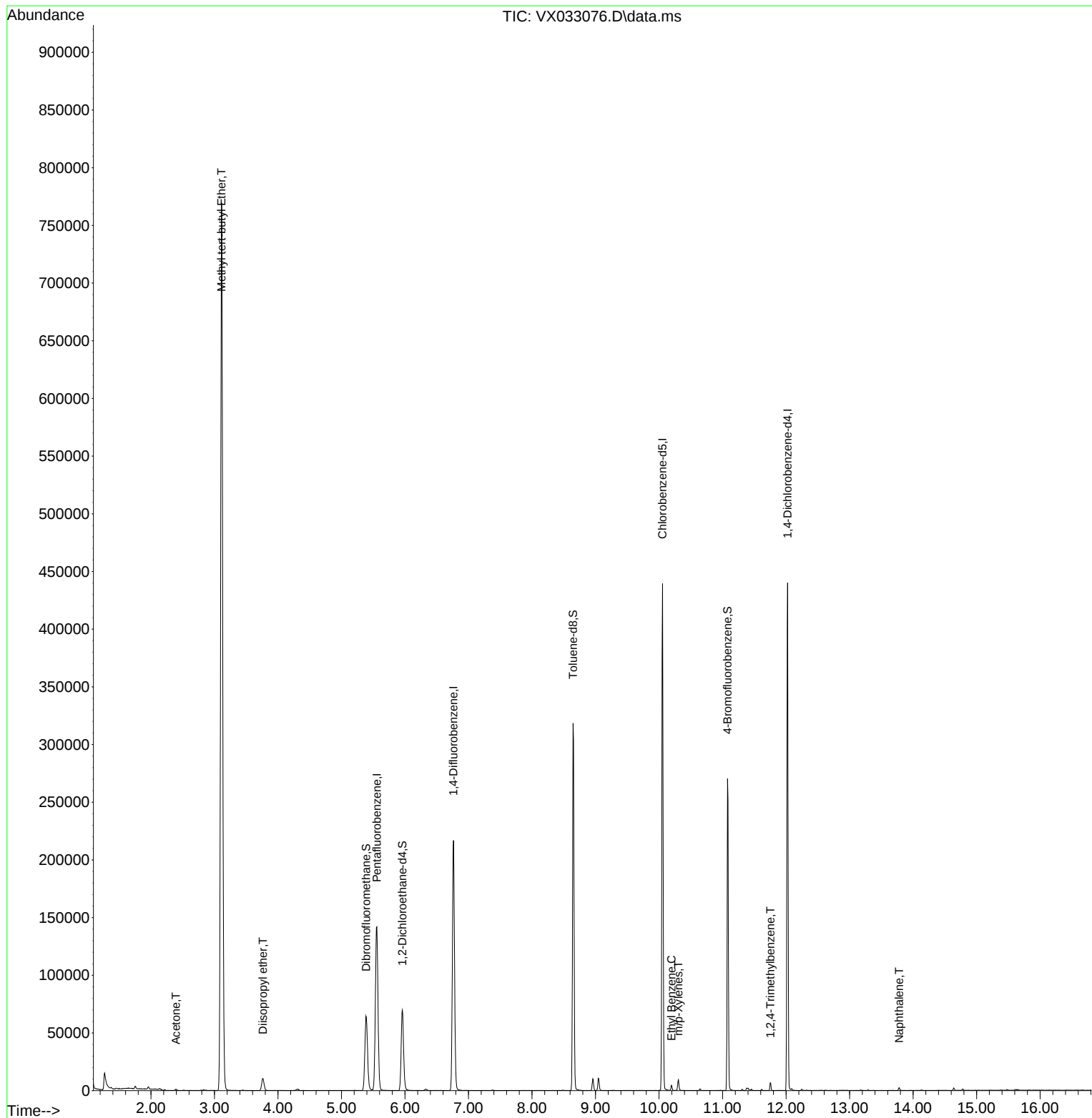
Internal Standards						
1) Pentafluorobenzene	5.556	168	135811	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	219556	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	192598	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	89653	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	71287	53.966	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.940%	
35) Dibromofluoromethane	5.385	113	56449	45.605	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 91.220%	
50) Toluene-d8	8.647	98	189629	50.959	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.920%	
62) 4-Bromofluorobenzene	11.079	95	69289	42.615	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 85.220%	
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	1373	2.223	ug/l #	86
19) Methyl tert-butyl Ether	3.111	73	837498	203.756	ug/l	100
22) Diisopropyl ether	3.763	45	10931	2.624	ug/l #	85
67) Ethyl Benzene	10.195	91	2649	0.389	ug/l	96
68) m/p-Xylenes	10.305	106	2452	0.919	ug/l	89
84) 1,2,4-Trimethylbenzene	11.756	105	3502	0.653	ug/l	93
95) Naphthalene	13.780	128	2029	0.354	ug/l	96

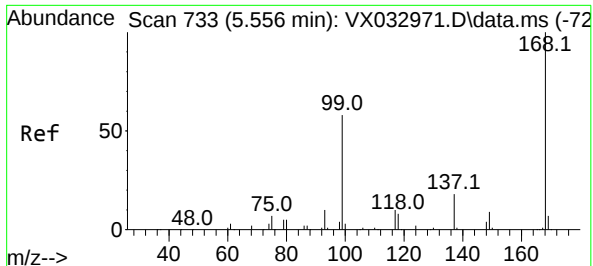
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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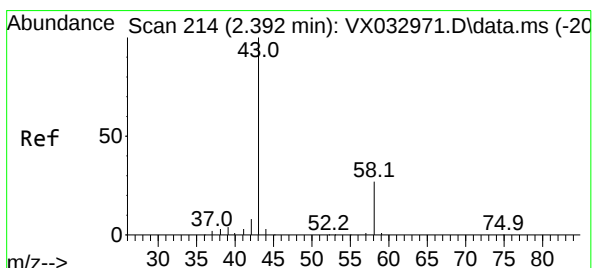
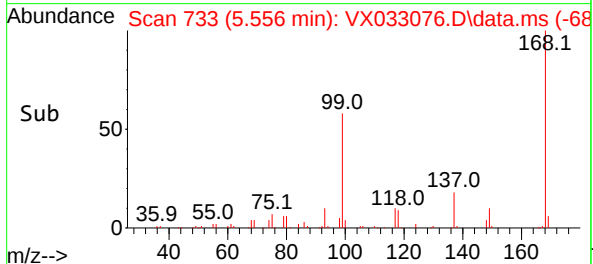
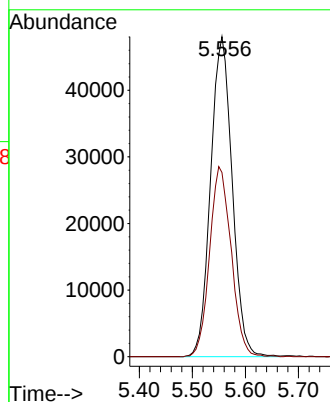
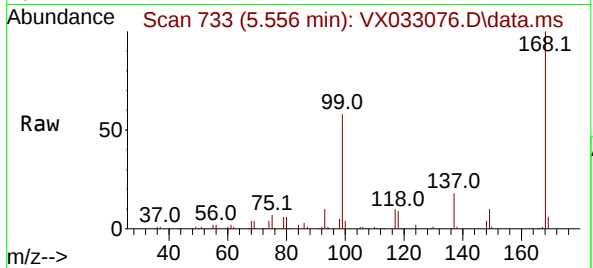




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX033076.D
Acq: 25 Nov 2022 18:23

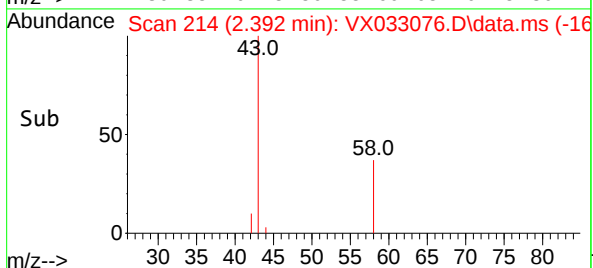
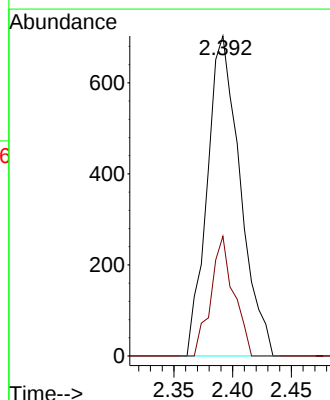
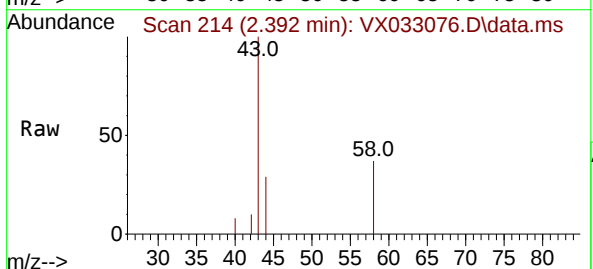
Instrument :
MSVOA_X
ClientSampleId :
MW-38I

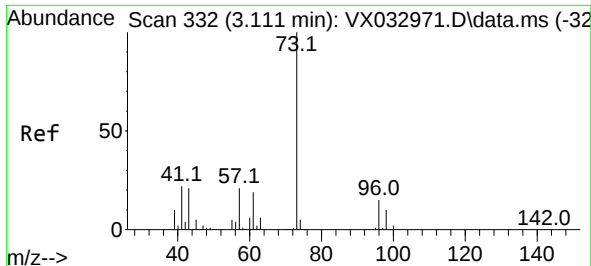
Tgt Ion:168 Resp: 135811
Ion Ratio Lower Upper
168 100
99 57.6 46.1 69.1



#16
Acetone
Concen: 2.223 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.012 min
Lab File: VX033076.D
Acq: 25 Nov 2022 18:23

Tgt Ion: 43 Resp: 1373
Ion Ratio Lower Upper
43 100
58 37.4 23.8 35.8#

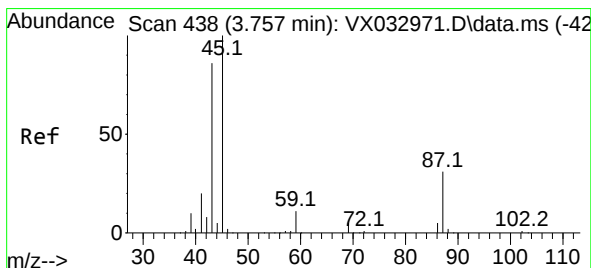
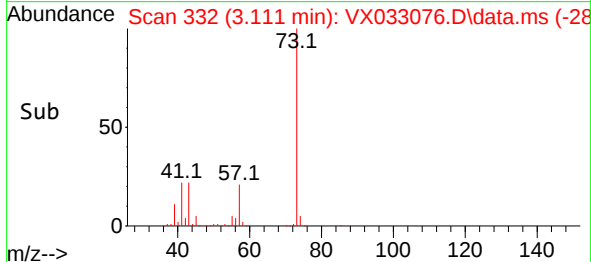
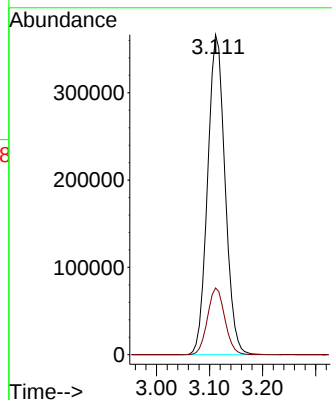
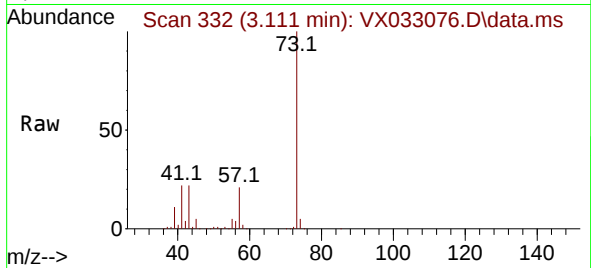




#19
Methyl tert-butyl Ether
Concen: 203.756 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX033076.D
Acq: 25 Nov 2022 18:23

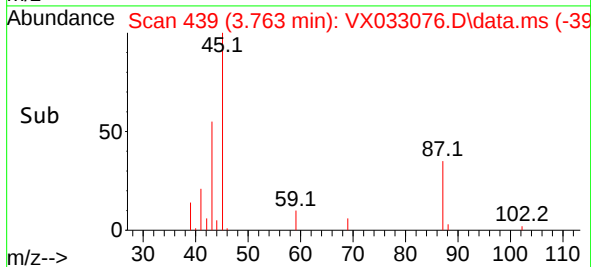
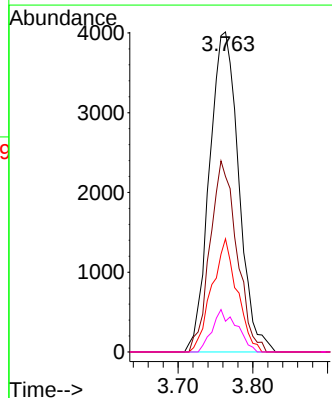
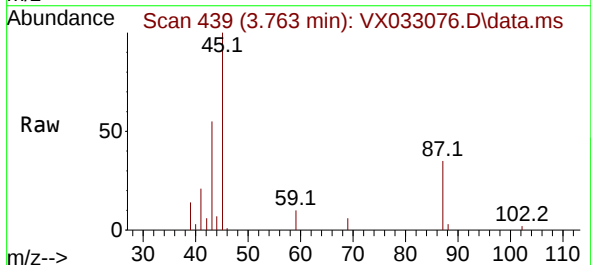
Instrument :
MSVOA_X
ClientSampleId :
MW-38I

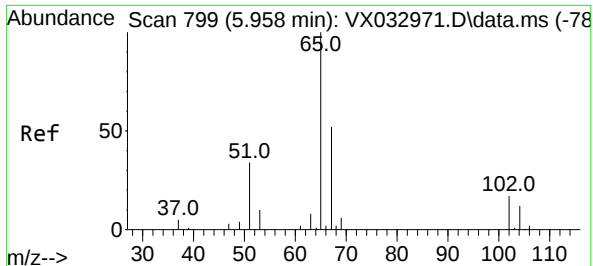
Tgt Ion: 73 Resp: 837498
Ion Ratio Lower Upper
73 100
57 20.9 16.6 25.0



#22
Diisopropyl ether
Concen: 2.624 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX033076.D
Acq: 25 Nov 2022 18:23

Tgt Ion: 45 Resp: 10931
Ion Ratio Lower Upper
45 100
43 54.9 56.4 84.6#
87 35.4 24.4 36.6
59 9.6 9.5 14.3





#33

1,2-Dichloroethane-d4

Concen: 53.966 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033076.D

Acq: 25 Nov 2022 18:23

Instrument :

MSVOA_X

ClientSampleId :

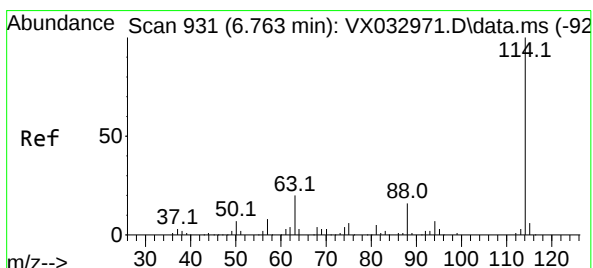
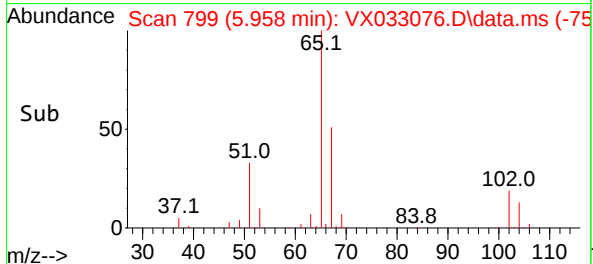
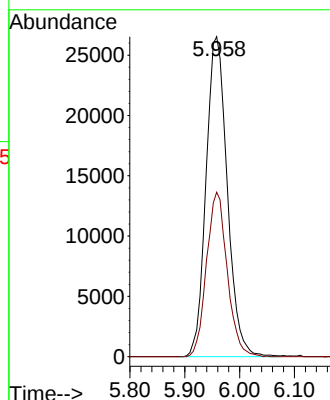
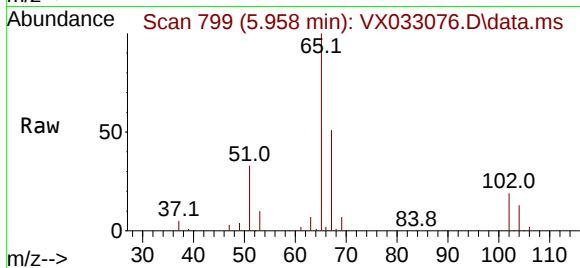
MW-38I

Tgt Ion: 65 Resp: 71287

Ion Ratio Lower Upper

65 100

67 50.1 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: VX033076.D

Acq: 25 Nov 2022 18:23

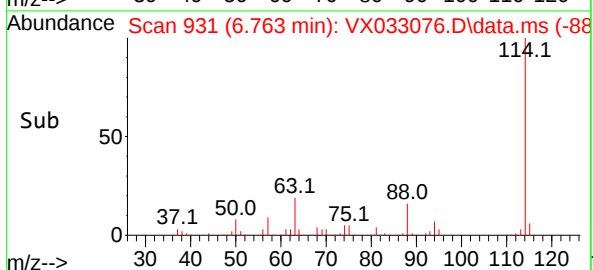
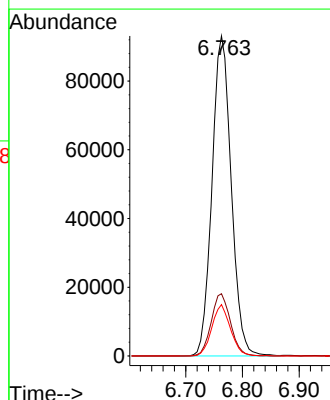
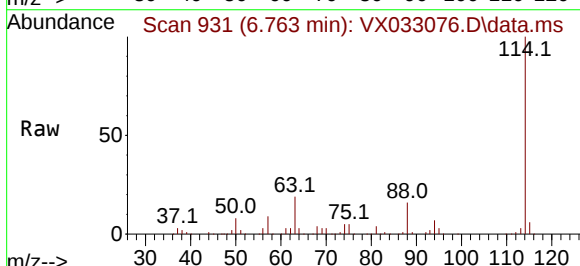
Tgt Ion: 114 Resp: 219556

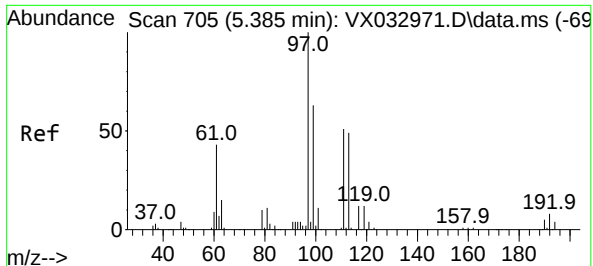
Ion Ratio Lower Upper

114 100

63 19.5 0.0 41.6

88 16.0 0.0 33.4





#35

Dibromofluoromethane

Concen: 45.605 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX033076.D

Acq: 25 Nov 2022 18:23

Instrument :

MSVOA_X

ClientSampleId :

MW-38I

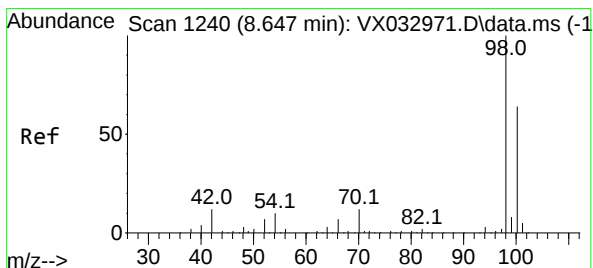
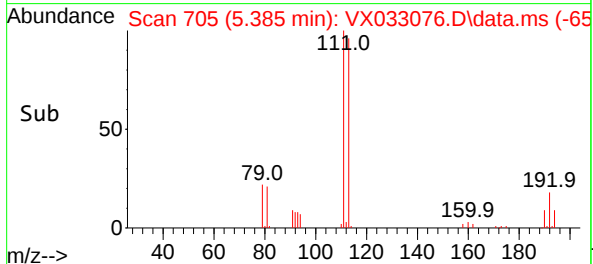
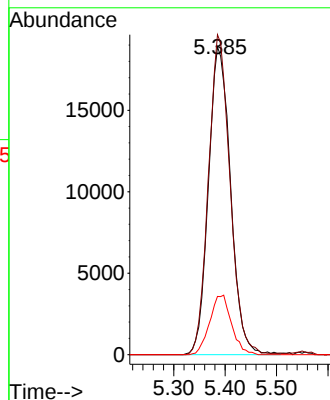
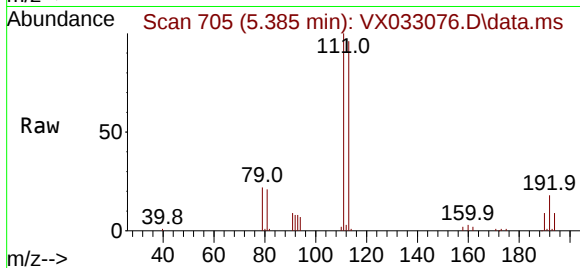
Tgt Ion:113 Resp: 56449

Ion Ratio Lower Upper

113 100

111 101.4 82.4 123.6

192 19.1 15.4 23.2



#50

Toluene-d8

Concen: 50.959 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX033076.D

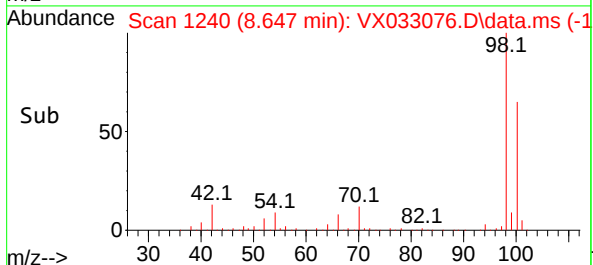
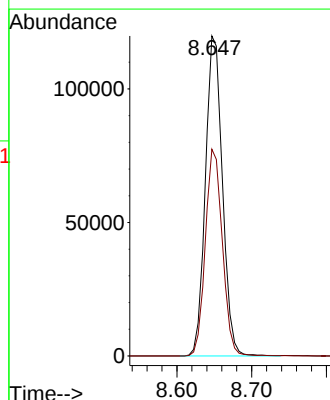
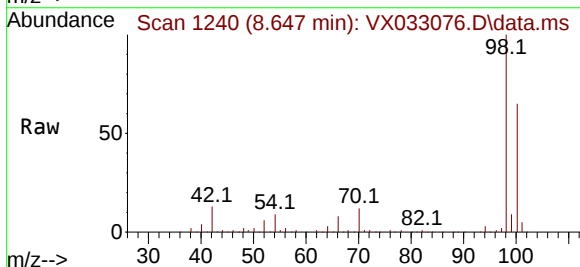
Acq: 25 Nov 2022 18:23

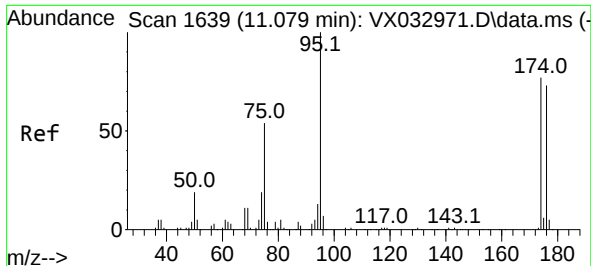
Tgt Ion: 98 Resp: 189629

Ion Ratio Lower Upper

98 100

100 64.7 50.9 76.3

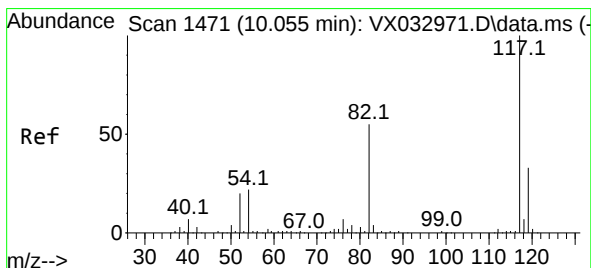
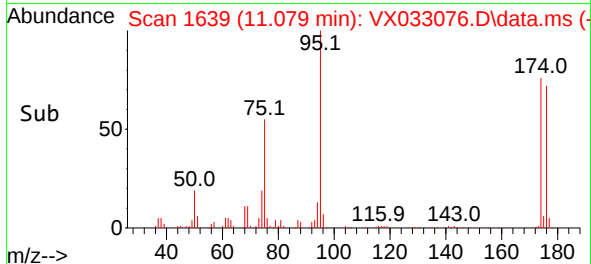
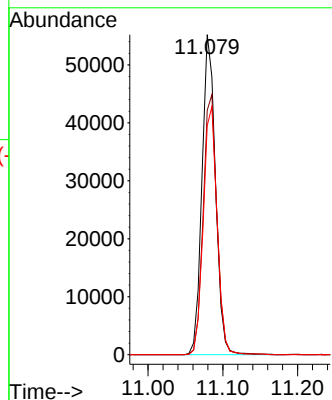
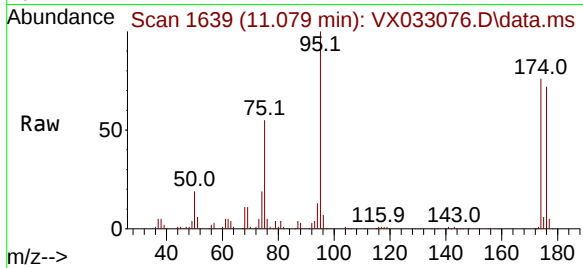




#62
4-Bromofluorobenzene
Concen: 42.615 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033076.D
Acq: 25 Nov 2022 18:23

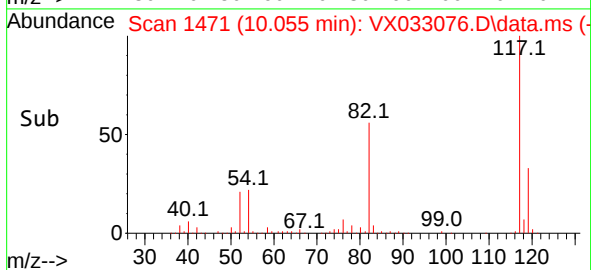
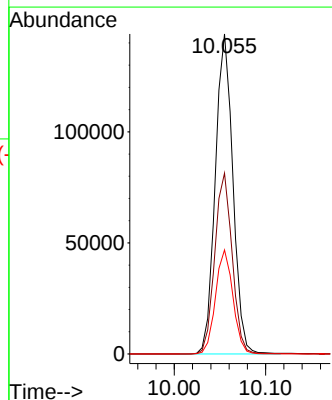
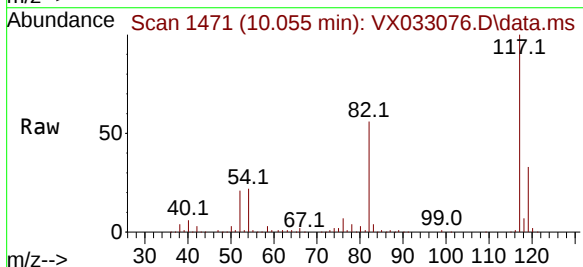
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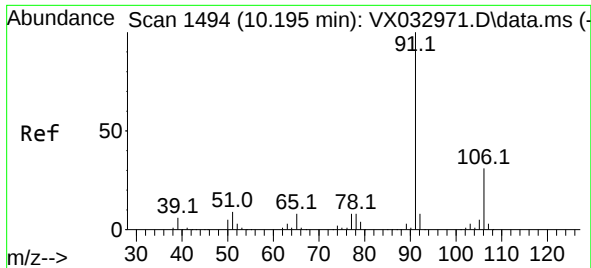
Tgt Ion: 95 Resp: 69289
Ion Ratio Lower Upper
95 100
174 82.9 0.0 164.0
176 79.4 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033076.D
Acq: 25 Nov 2022 18:23

Tgt Ion: 117 Resp: 192598
Ion Ratio Lower Upper
117 100
82 56.5 44.3 66.5
119 32.5 25.7 38.5

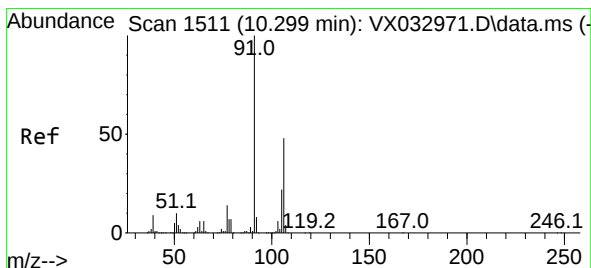
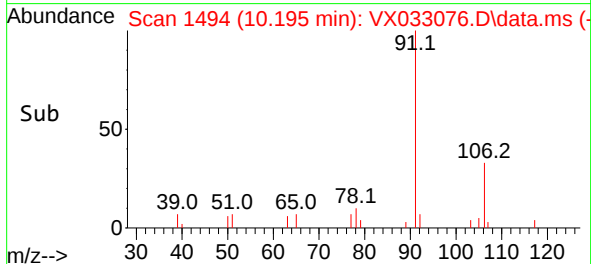
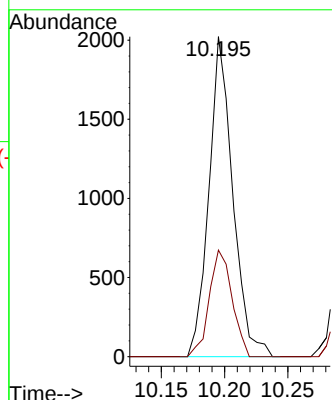
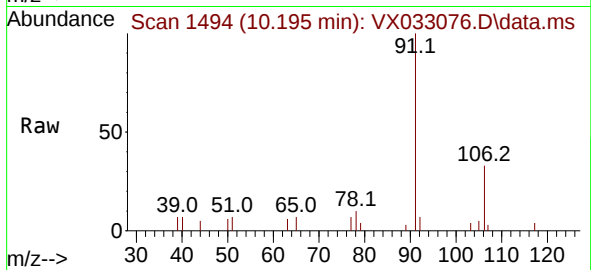




#67
Ethyl Benzene
Concen: 0.389 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033076.D
Acq: 25 Nov 2022 18:23

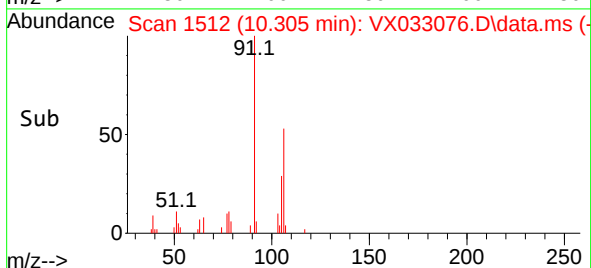
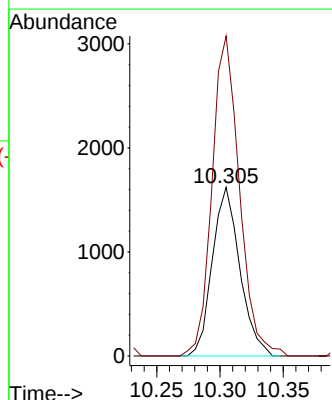
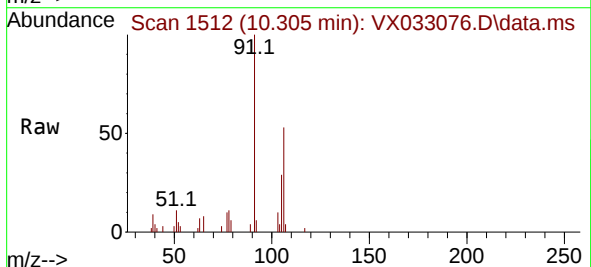
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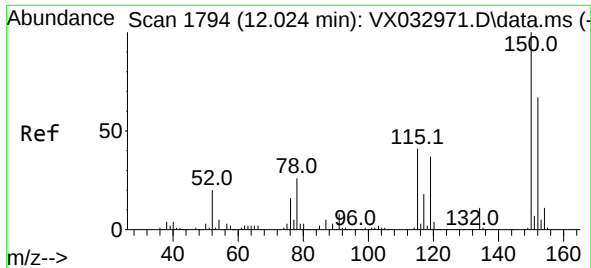
Tgt Ion: 91 Resp: 2649
Ion Ratio Lower Upper
91 100
106 33.3 25.0 37.6



#68
m/p-Xylenes
Concen: 0.919 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX033076.D
Acq: 25 Nov 2022 18:23

Tgt Ion: 106 Resp: 2452
Ion Ratio Lower Upper
106 100
91 188.9 164.5 246.7

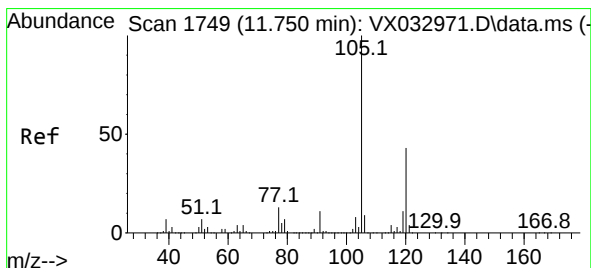
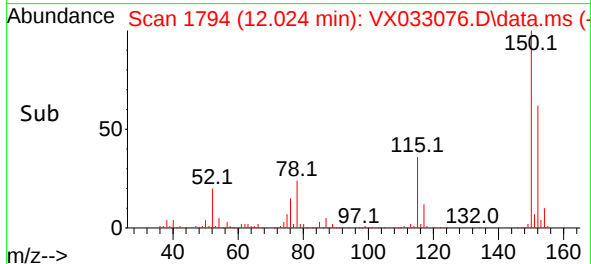
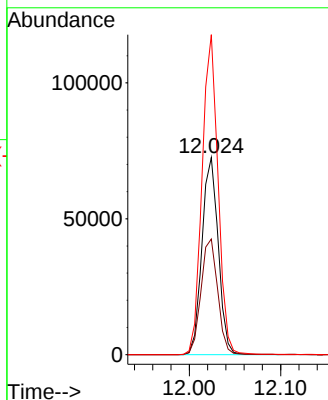
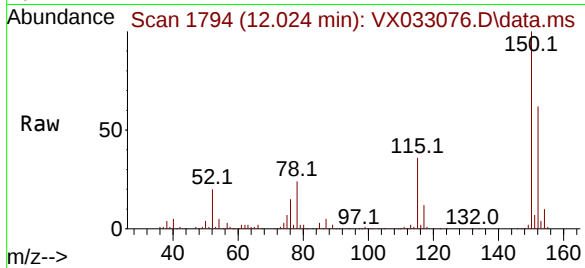




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX033076.D
 Acq: 25 Nov 2022 18:23

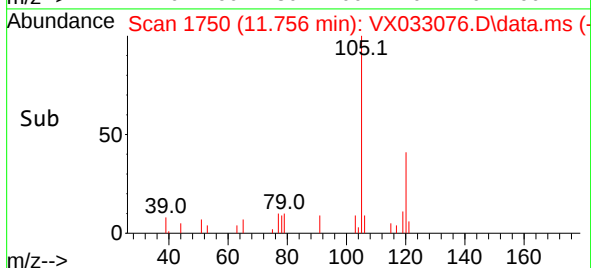
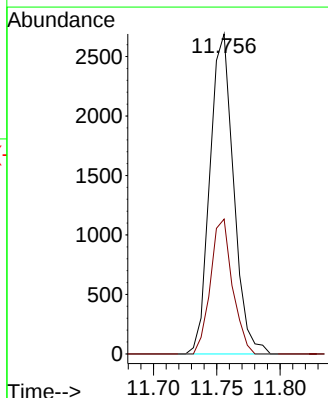
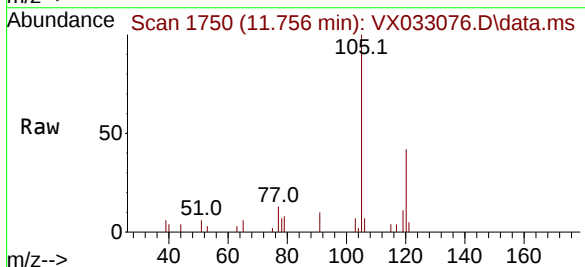
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-38I

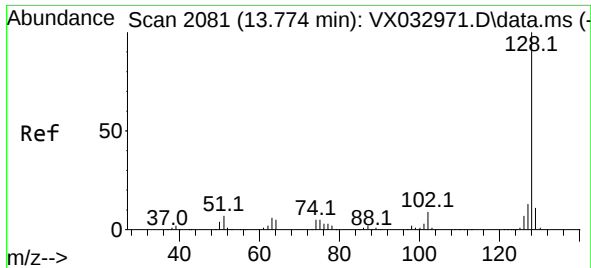
Tgt Ion:152 Resp: 89653
 Ion Ratio Lower Upper
 152 100
 115 60.3 44.0 132.0
 150 159.5 0.0 351.8



#84
 1,2,4-Trimethylbenzene
 Concen: 0.653 ug/l
 RT: 11.756 min Scan# 1750
 Delta R.T. 0.006 min
 Lab File: VX033076.D
 Acq: 25 Nov 2022 18:23

Tgt Ion:105 Resp: 3502
 Ion Ratio Lower Upper
 105 100
 120 39.1 21.9 65.5





#95

Naphthalene

Concen: 0.354 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VX033076.D

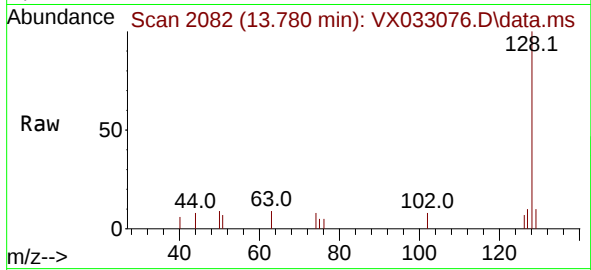
Acq: 25 Nov 2022 18:23

Instrument :

MSVOA_X

ClientSampleId :

MW-38I



Tgt Ion:128 Resp: 2029

Ion Ratio Lower Upper

128 100

127 11.9 10.2 15.4

129 9.0 8.9 13.3

