

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120822\
 Data File : VX033333.D
 Acq On : 08 Dec 2022 18:59
 Operator : JC/MD
 Sample : N5906-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-23R

Quant Time: Dec 09 00:53:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 07 12:43:54 2022
 Response via : Initial Calibration

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

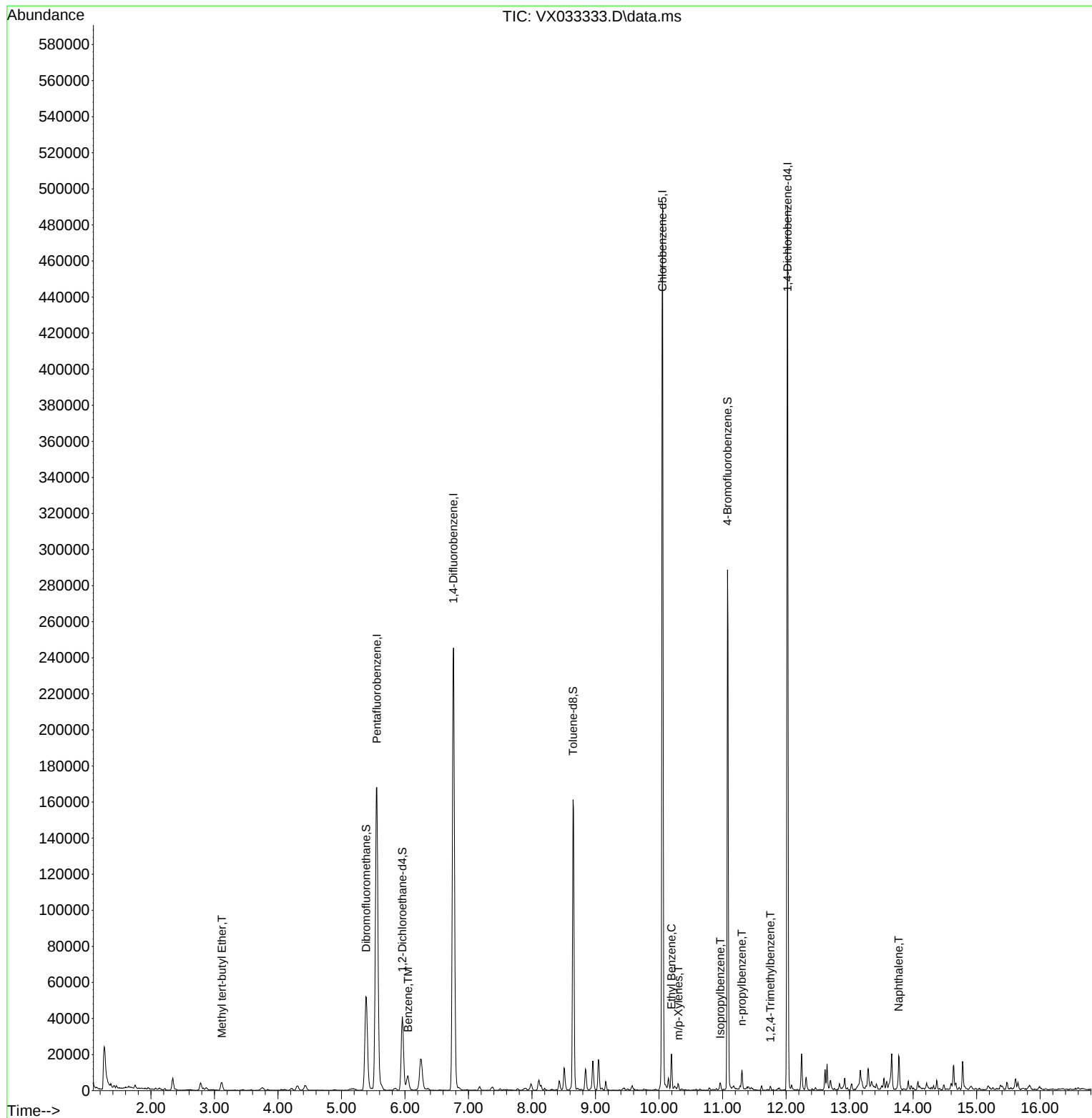
Internal Standards						
1) Pentafluorobenzene	5.556	168	164802	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	260568	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	230086	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	105791	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	40907	38.691	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	77.380%#	
35) Dibromofluoromethane	5.385	113	46791	39.925	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	79.840%	
50) Toluene-d8	8.647	98	101196	41.275	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	82.560%#	
62) 4-Bromofluorobenzene	11.079	95	76062	40.574	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	81.140%#	
Target Compounds						
					Qvalue	
19) Methyl tert-butyl Ether	3.117	73	4476	0.865	ug/l #	61
40) Benzene	6.050	78	9850	1.478	ug/l	97
67) Ethyl Benzene	10.195	91	12010	1.480	ug/l	98
68) m/p-Xylenes	10.305	106	858	0.272	ug/l	92
73) Isopropylbenzene	10.963	105	2324	0.303	ug/l	98
78) n-propylbenzene	11.305	91	6757	0.789	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	1276	0.200	ug/l	100
95) Naphthalene	13.774	128	14023	1.985	ug/l #	96

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

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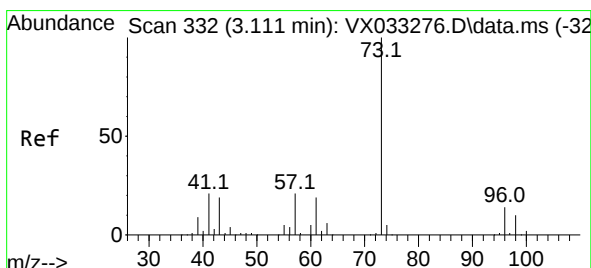
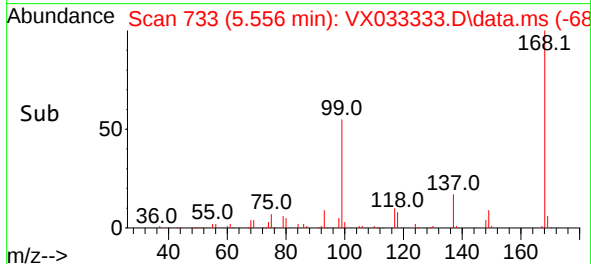
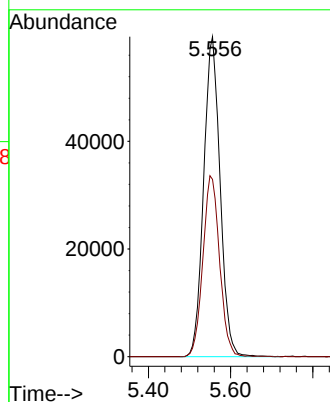
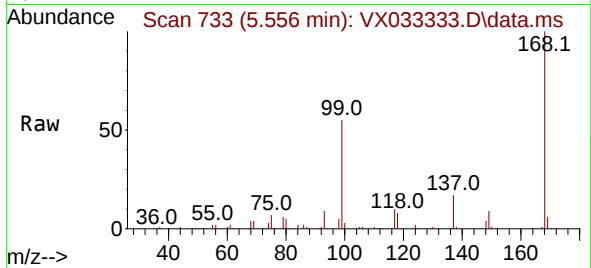




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX033333.D
Acq: 08 Dec 2022 18:59

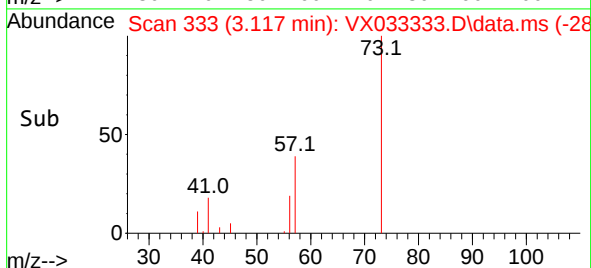
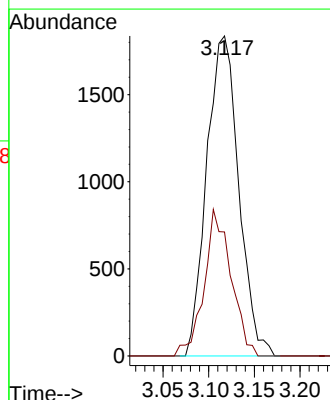
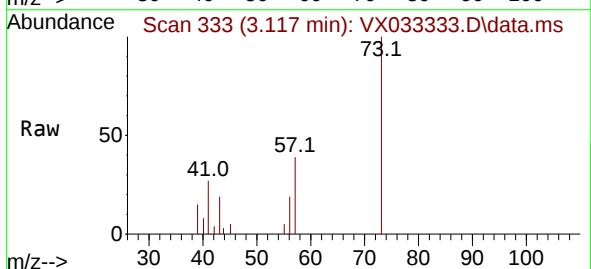
Instrument :
MSVOA_X
ClientSampleId :
MW-23R

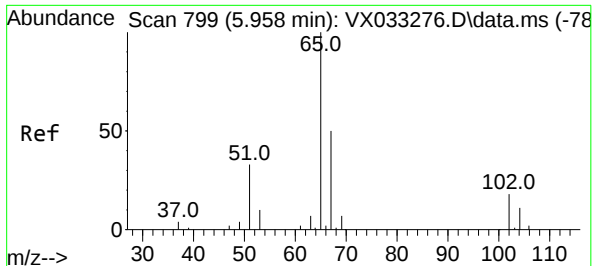
Tgt Ion:168 Resp: 164802
Ion Ratio Lower Upper
168 100
99 55.4 46.1 69.1



#19
Methyl tert-butyl Ether
Concen: 0.865 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX033333.D
Acq: 08 Dec 2022 18:59

Tgt Ion: 73 Resp: 4476
Ion Ratio Lower Upper
73 100
57 38.8 16.6 25.0#





#33

1,2-Dichloroethane-d4

Concen: 38.691 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033333.D

Acq: 08 Dec 2022 18:59

Instrument :

MSVOA_X

ClientSampleId :

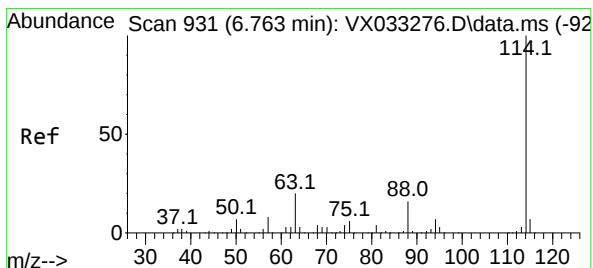
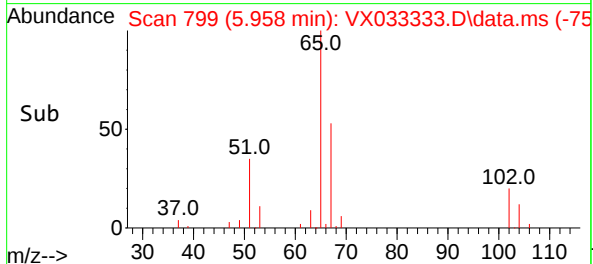
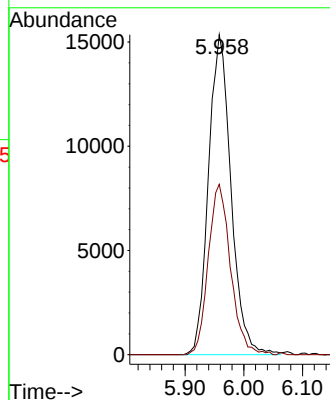
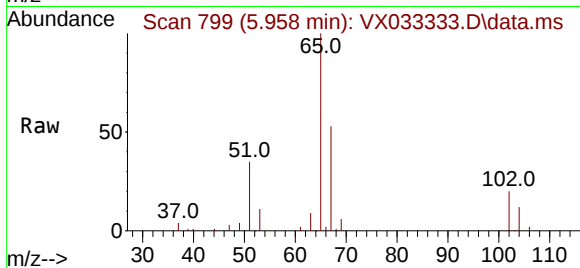
MW-23R

Tgt Ion: 65 Resp: 40907

Ion Ratio Lower Upper

65 100

67 52.7 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: VX033333.D

Acq: 08 Dec 2022 18:59

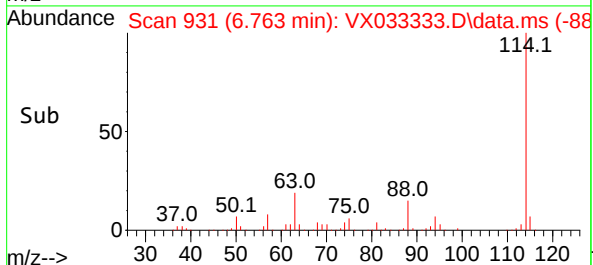
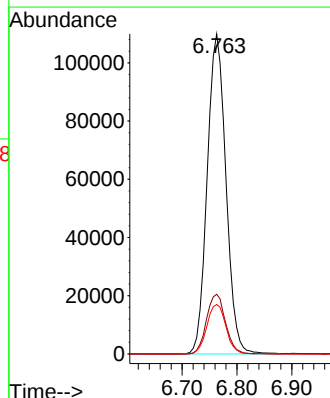
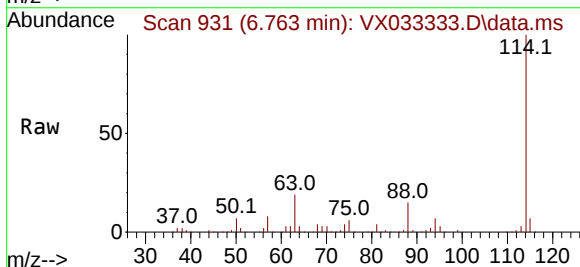
Tgt Ion: 114 Resp: 260568

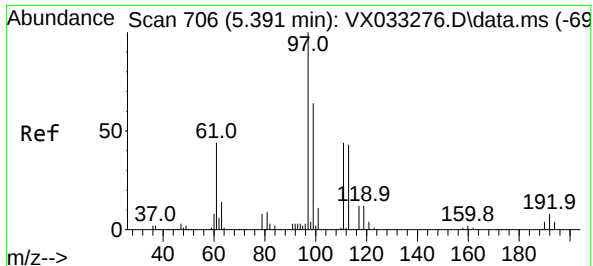
Ion Ratio Lower Upper

114 100

63 18.6 0.0 41.6

88 15.4 0.0 33.4





#35

Dibromofluoromethane

Concen: 39.925 ug/l

RT: 5.385 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX033333.D

Acq: 08 Dec 2022 18:59

Instrument :

MSVOA_X

ClientSampleId :

MW-23R

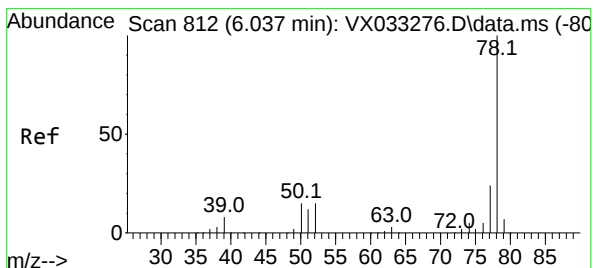
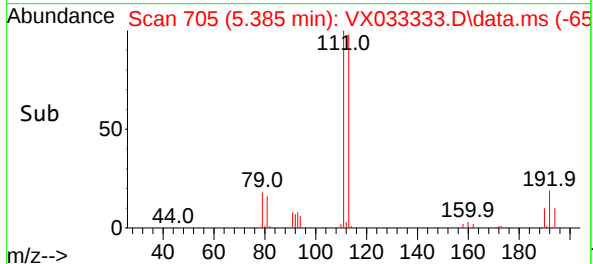
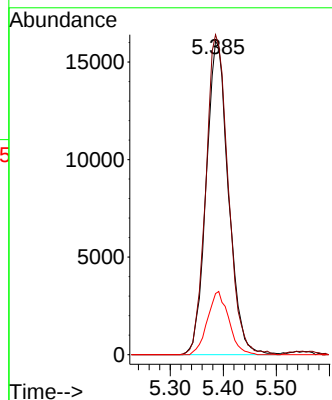
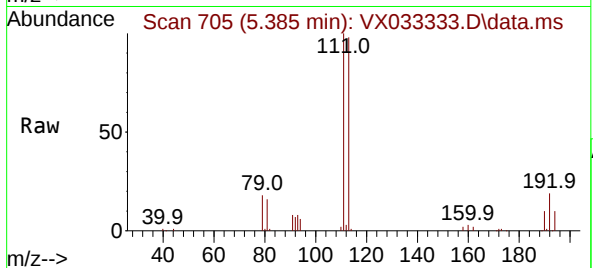
Tgt Ion:113 Resp: 46791

Ion Ratio Lower Upper

113 100

111 102.8 82.4 123.6

192 19.3 15.4 23.2



#40

Benzene

Concen: 1.478 ug/l

RT: 6.050 min Scan# 814

Delta R.T. 0.012 min

Lab File: VX033333.D

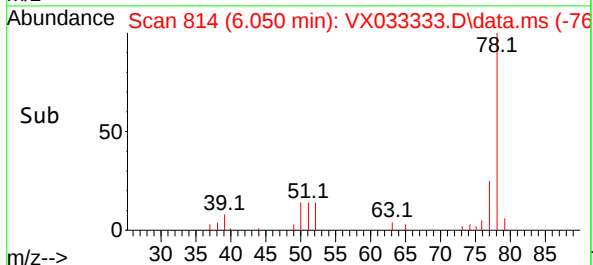
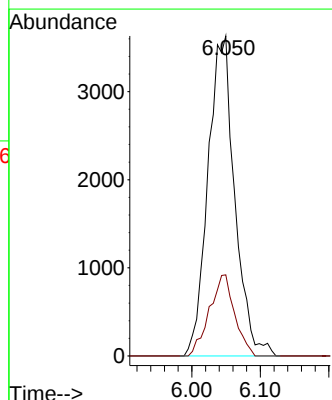
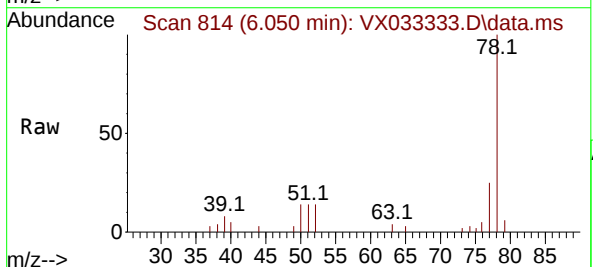
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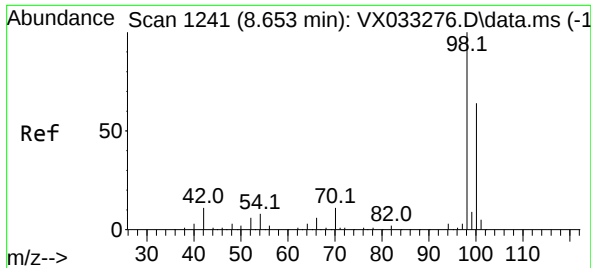
Tgt Ion: 78 Resp: 9850

Ion Ratio Lower Upper

78 100

77 25.4 19.0 28.4

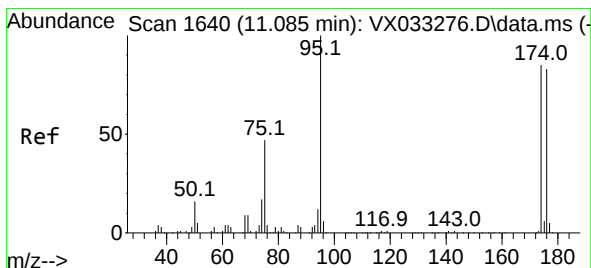
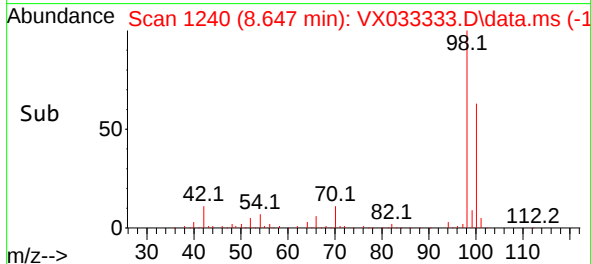
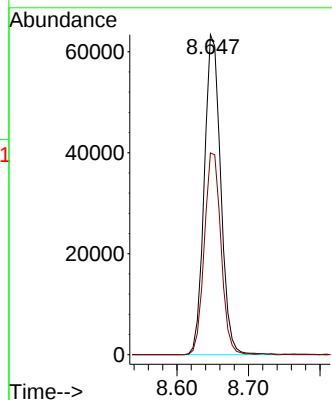
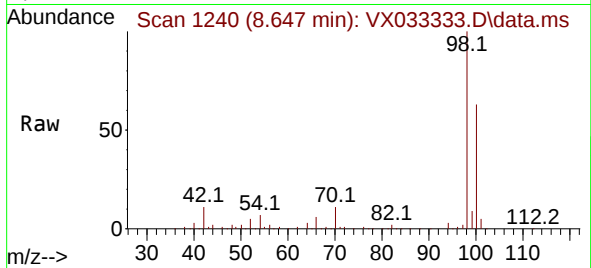




#50
Toluene-d8
Concen: 41.275 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX033333.D
Acq: 08 Dec 2022 18:59

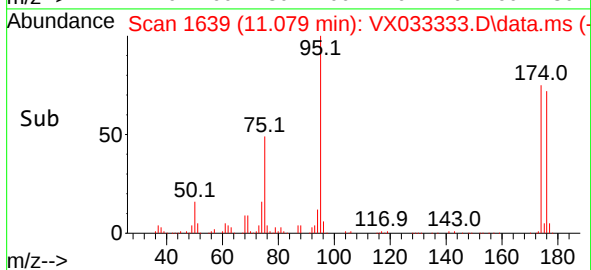
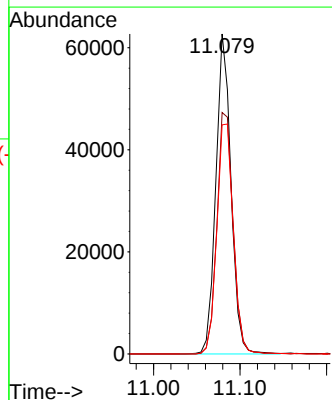
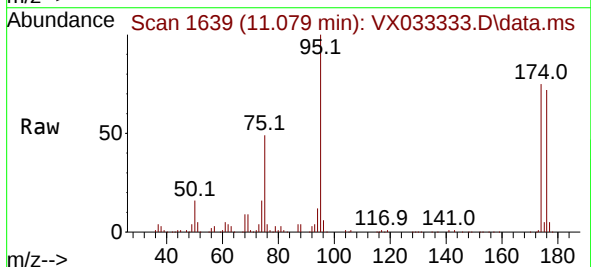
Instrument :
MSVOA_X
ClientSampleId :
MW-23R

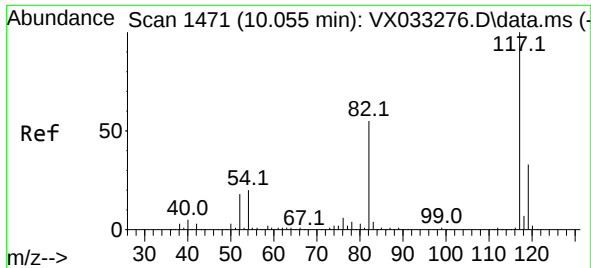
Tgt Ion: 98 Resp: 101196
Ion Ratio Lower Upper
98 100
100 63.8 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 40.574 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX033333.D
Acq: 08 Dec 2022 18:59

Tgt Ion: 95 Resp: 76062
Ion Ratio Lower Upper
95 100
174 81.1 0.0 164.0
176 78.5 0.0 154.4

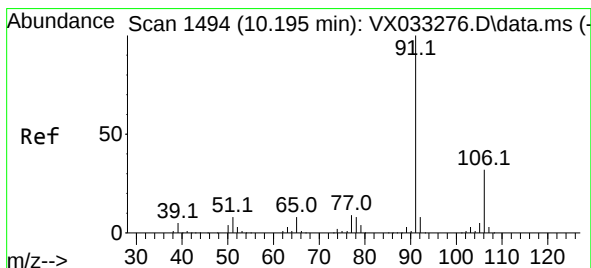
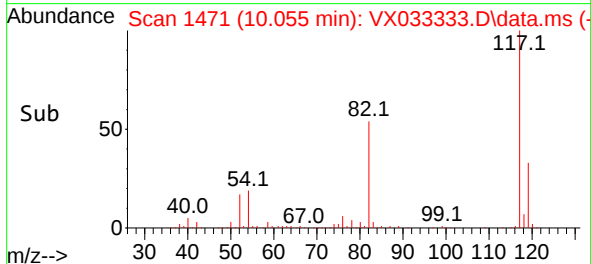
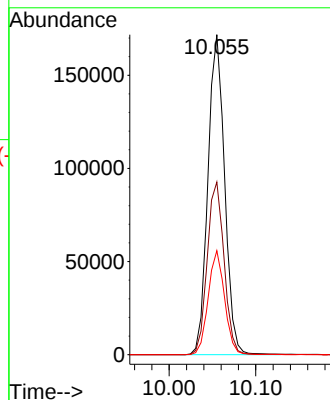
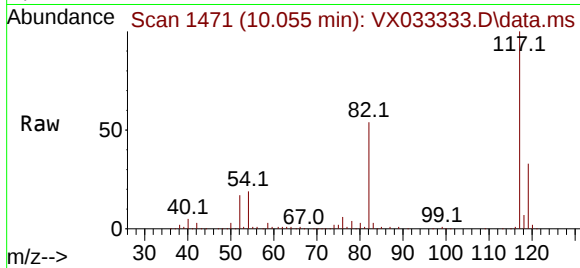




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033333.D
Acq: 08 Dec 2022 18:59

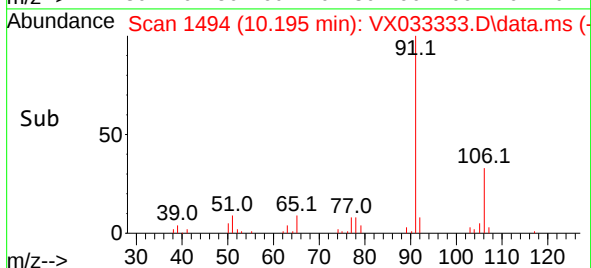
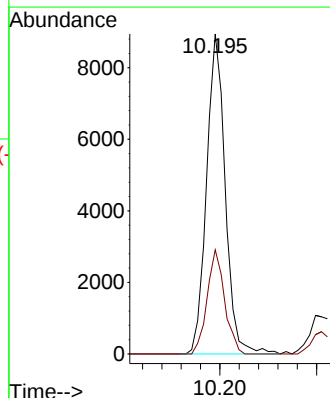
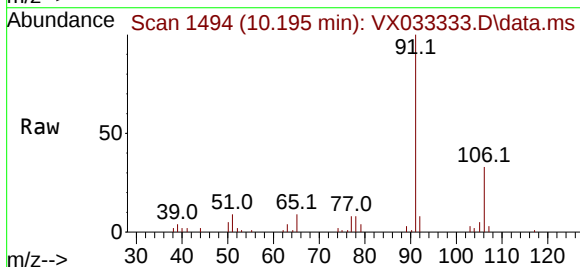
Instrument :
MSVOA_X
ClientSampleId :
MW-23R

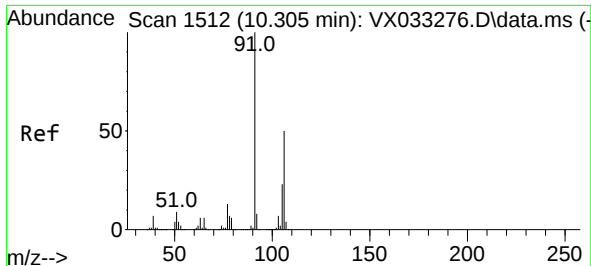
Tgt Ion:117 Resp: 230086
Ion Ratio Lower Upper
117 100
82 54.0 44.3 66.5
119 32.5 25.7 38.5



#67
Ethyl Benzene
Concen: 1.480 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033333.D
Acq: 08 Dec 2022 18:59

Tgt Ion: 91 Resp: 12010
Ion Ratio Lower Upper
91 100
106 32.6 25.0 37.6

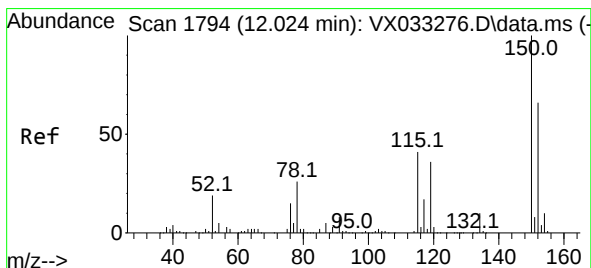
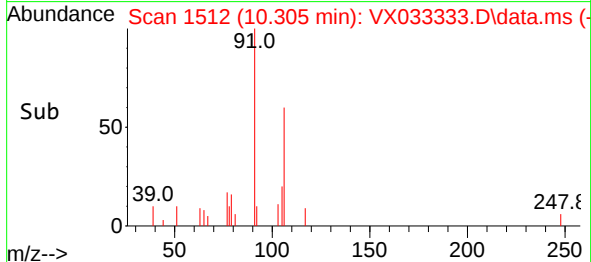
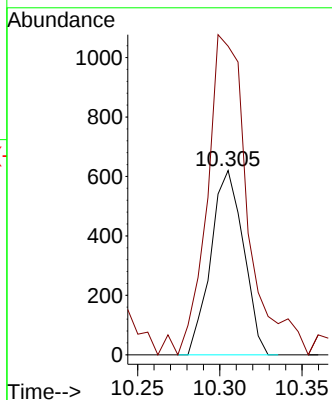
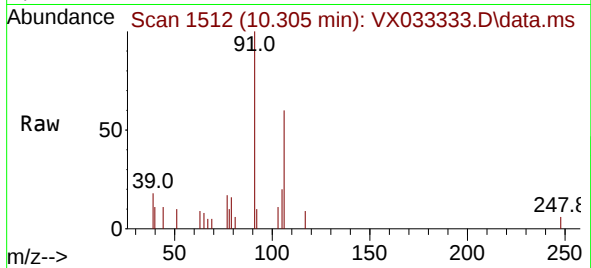




#68
m/p-Xylenes
Concen: 0.272 ug/l
RT: 10.305 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033333.D
Acq: 08 Dec 2022 18:59

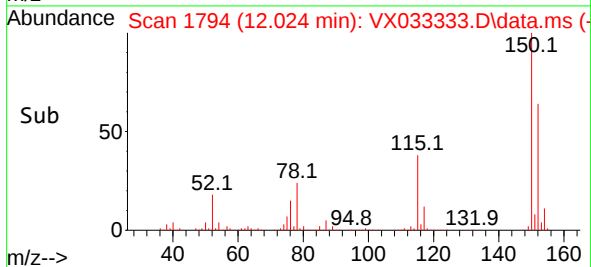
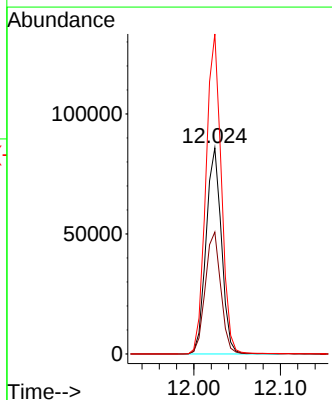
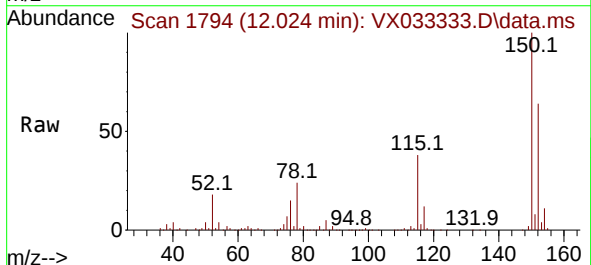
Instrument :
MSVOA_X
ClientSampleId :
MW-23R

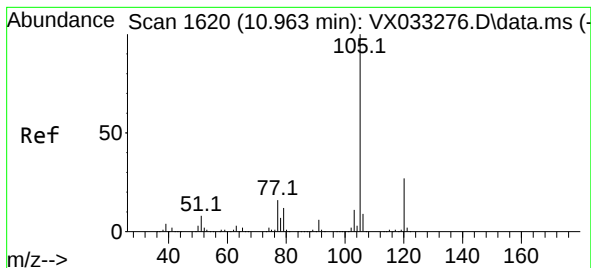
Tgt Ion:106 Resp: 858
Ion Ratio Lower Upper
106 100
91 217.7 164.5 246.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033333.D
Acq: 08 Dec 2022 18:59

Tgt Ion:152 Resp: 105791
Ion Ratio Lower Upper
152 100
115 60.0 44.0 132.0
150 156.1 0.0 351.8





#73

Isopropylbenzene

Concen: 0.303 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX033333.D

Acq: 08 Dec 2022 18:59

Instrument :

MSVOA_X

ClientSampleId :

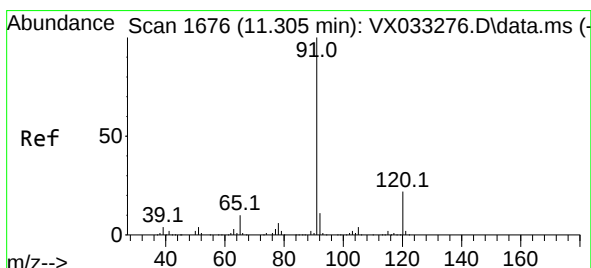
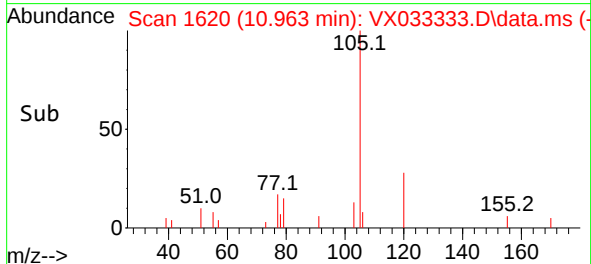
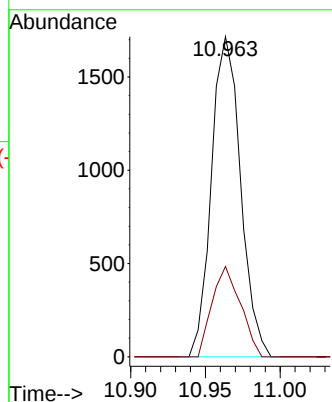
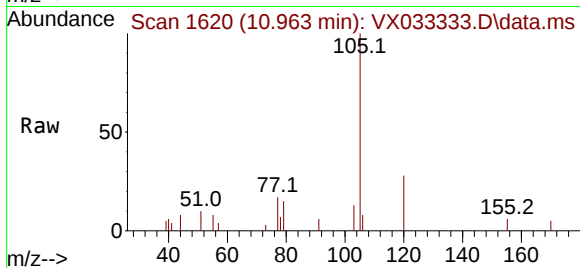
MW-23R

Tgt Ion:105 Resp: 2324

Ion Ratio Lower Upper

105 100

120 27.5 13.1 39.3



#78

n-propylbenzene

Concen: 0.789 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX033333.D

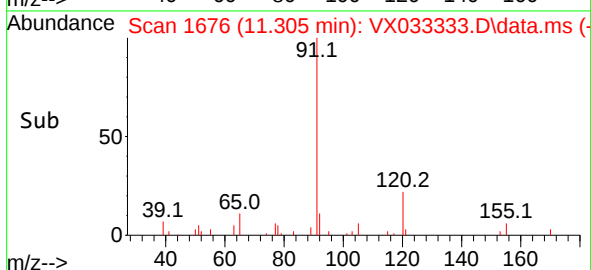
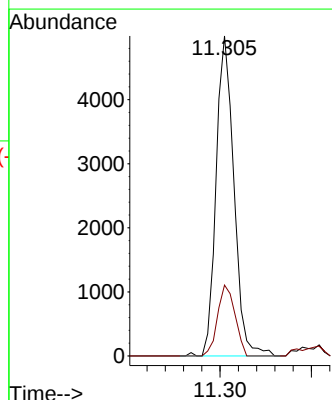
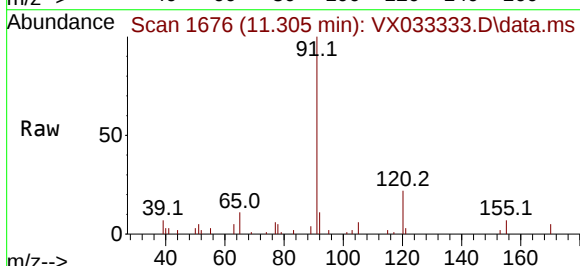
Acq: 08 Dec 2022 18:59

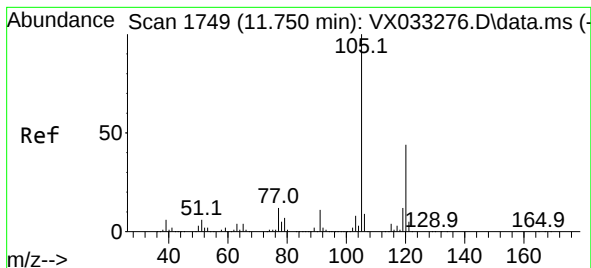
Tgt Ion: 91 Resp: 6757

Ion Ratio Lower Upper

91 100

120 21.6 11.6 34.8





#84

1,2,4-Trimethylbenzene

Concen: 0.200 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VX033333.D

Acq: 08 Dec 2022 18:59

Instrument :

MSVOA_X

ClientSampleId :

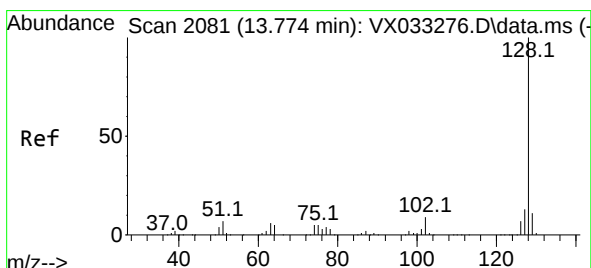
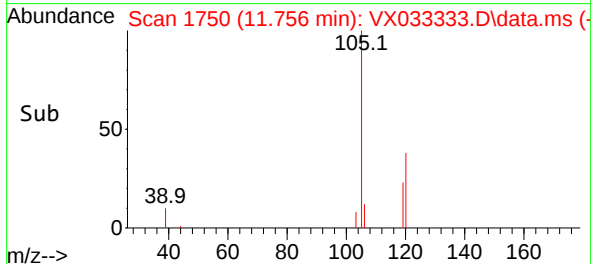
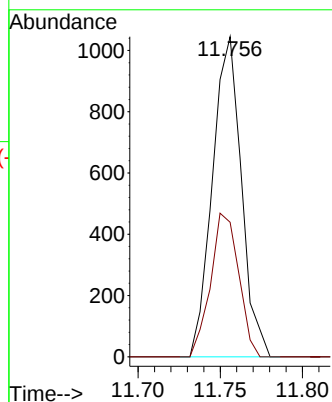
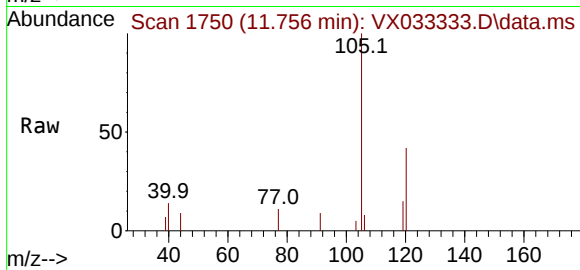
MW-23R

Tgt Ion:105 Resp: 1276

Ion Ratio Lower Upper

105 100

120 43.6 21.9 65.5



#95

Naphthalene

Concen: 1.985 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX033333.D

Acq: 08 Dec 2022 18:59

Tgt Ion:128 Resp: 14023

Ion Ratio Lower Upper

128 100

127 13.6 10.2 15.4

129 13.7 8.9 13.3#

