

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100722\
 Data File : VX031971.D
 Acq On : 07 Oct 2022 18:41
 Operator : JC/MD
 Sample : N4883-01DL 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-133DL

Quant Time: Oct 08 05:16:02 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)

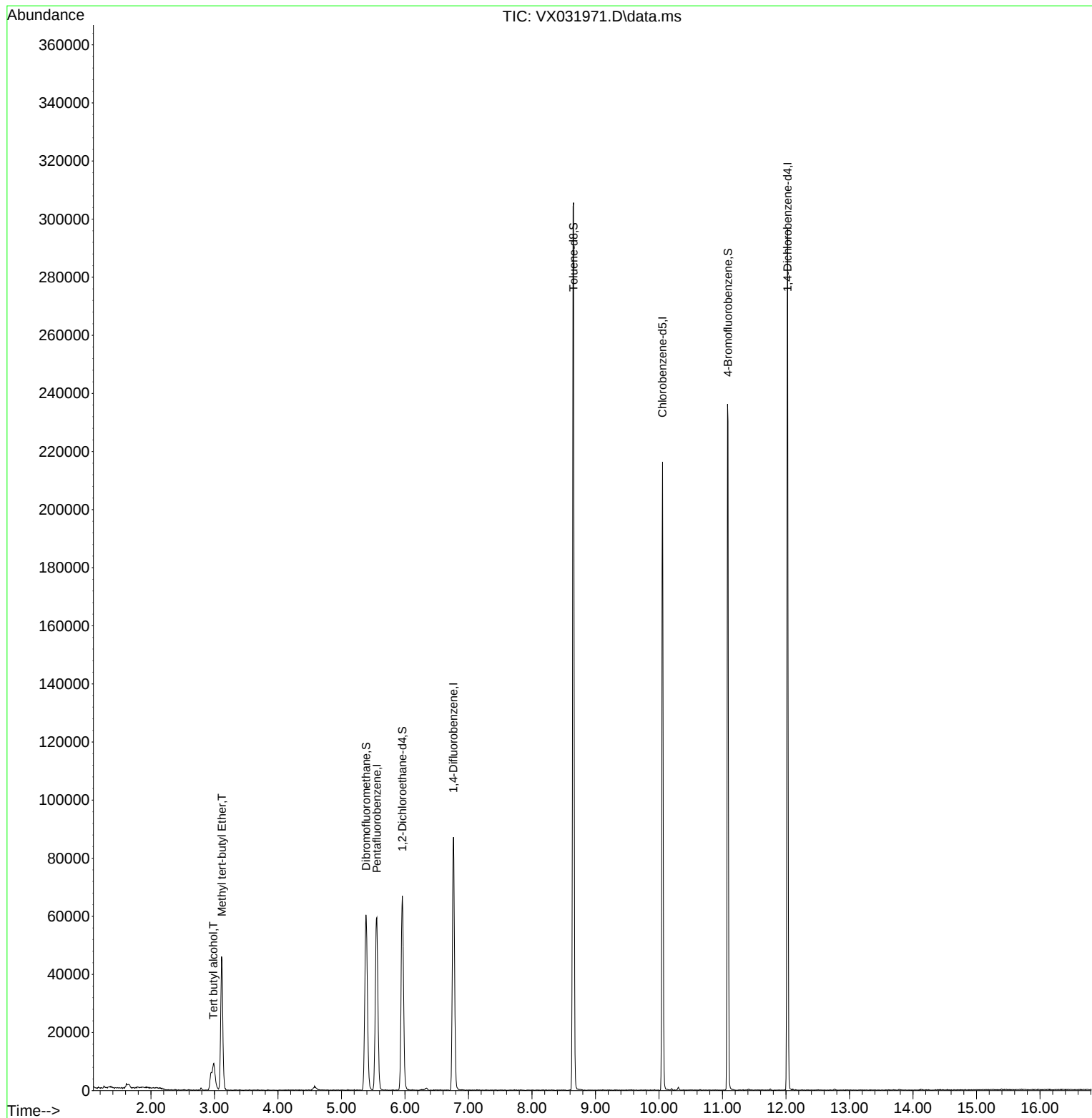
Internal Standards						
1) Pentafluorobenzene	5.556	168	57376	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	92185	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	96767	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	59477	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	63007	53.173	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.340%	
35) Dibromofluoromethane	5.385	113	52418	50.234	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.460%	
50) Toluene-d8	8.653	98	184740	49.201	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.400%	
62) 4-Bromofluorobenzene	11.085	95	63351	47.725	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 95.440%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.983	59	16126	109.384	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	50041	17.063	ug/l	95

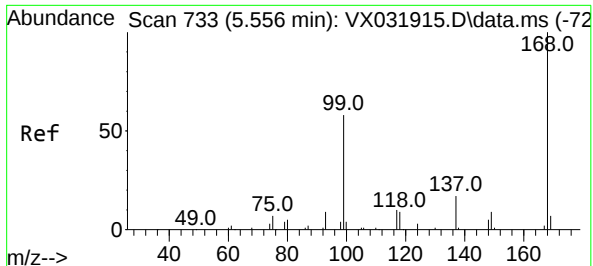
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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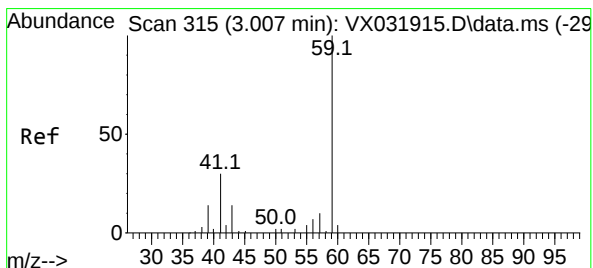
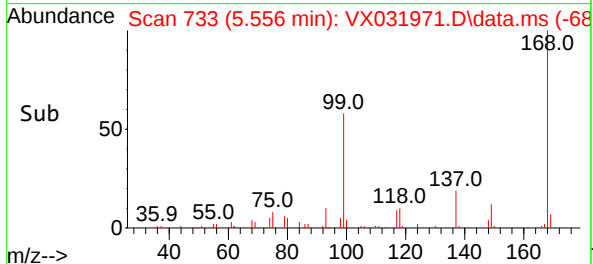
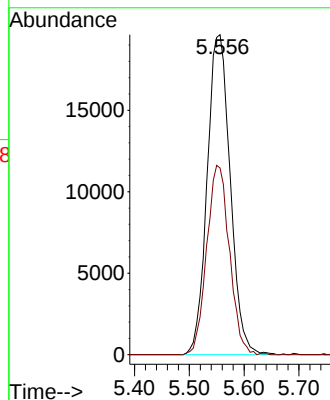
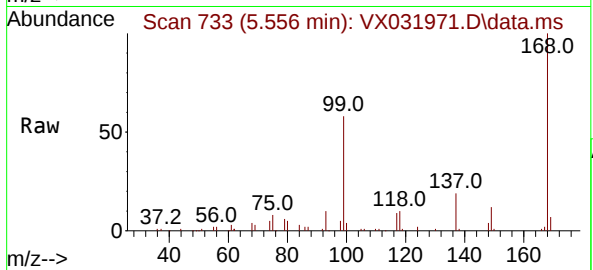




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031971.D
Acq: 07 Oct 2022 18:41

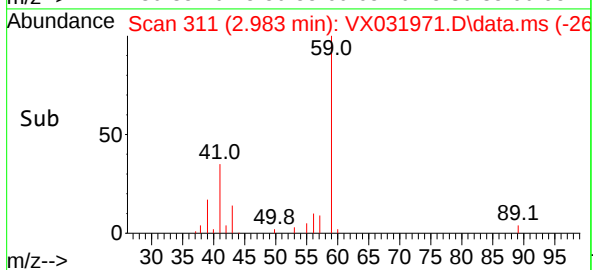
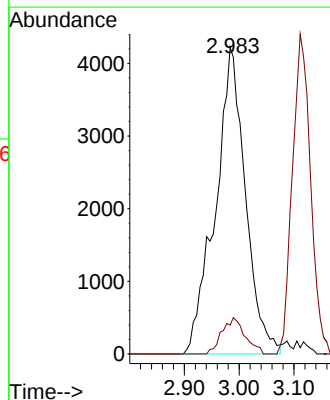
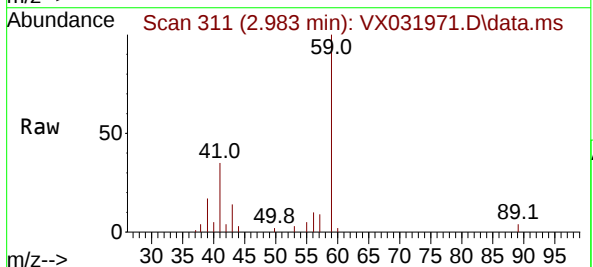
Instrument :
MSVOA_X
ClientSampleId :
MW-133DL

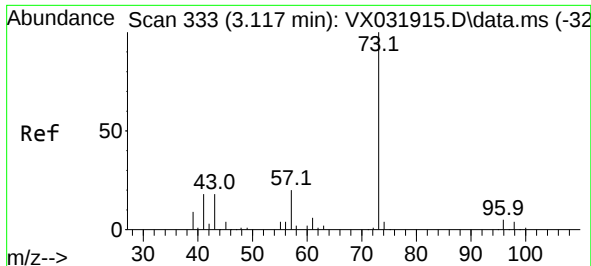
Tgt Ion:168 Resp: 57376
Ion Ratio Lower Upper
168 100
99 58.4 48.8 73.2



#11
Tert butyl alcohol
Concen: 109.384 ug/l
RT: 2.983 min Scan# 311
Delta R.T. -0.024 min
Lab File: VX031971.D
Acq: 07 Oct 2022 18:41

Tgt Ion: 59 Resp: 16126
Ion Ratio Lower Upper
59 100
57 9.1 8.2 12.2

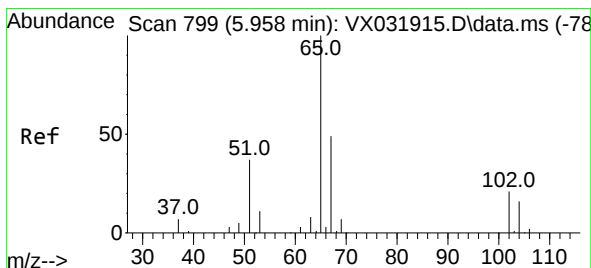
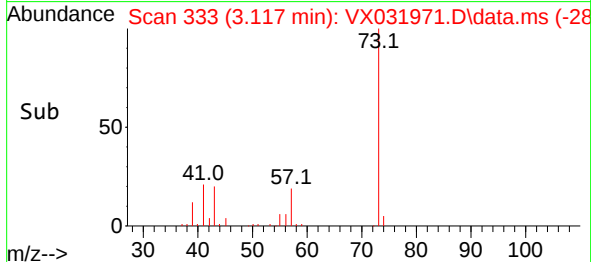
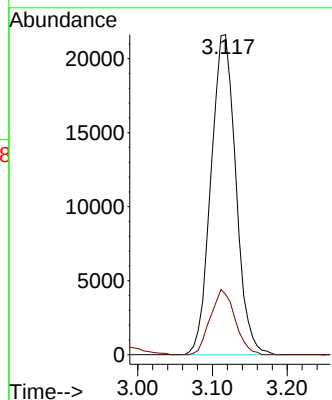
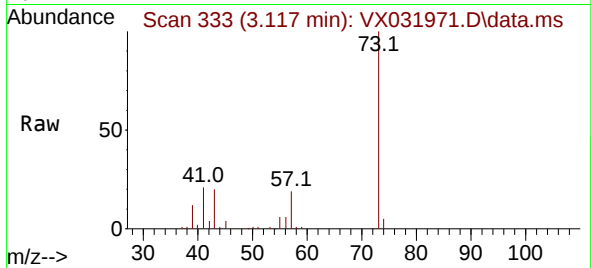




#19
Methyl tert-butyl Ether
Concen: 17.063 ug/l
RT: 3.117 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX031971.D
Acq: 07 Oct 2022 18:41

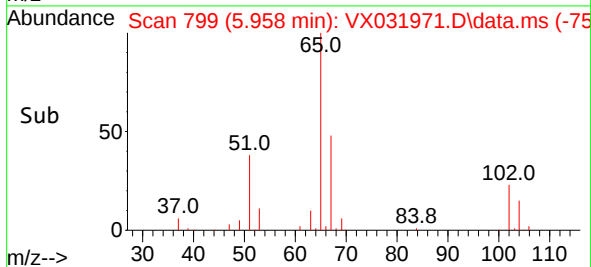
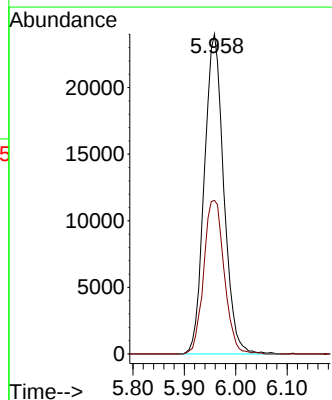
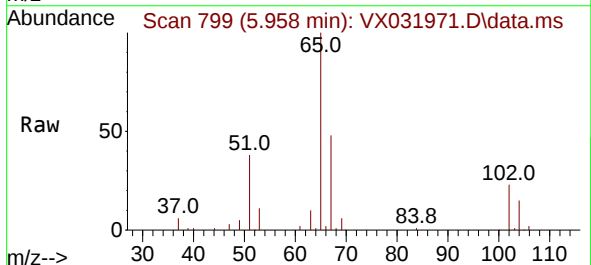
Instrument :
MSVOA_X
ClientSampleId :
MW-133DL

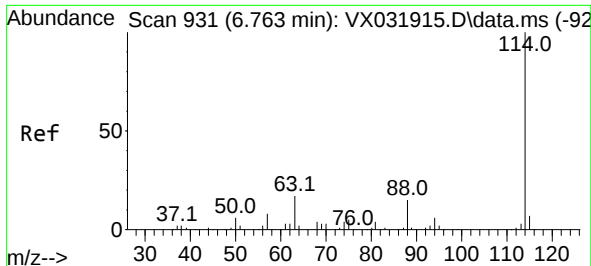
Tgt Ion: 73 Resp: 50041
Ion Ratio Lower Upper
73 100
57 18.9 17.2 25.8



#33
1,2-Dichloroethane-d4
Concen: 53.173 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031971.D
Acq: 07 Oct 2022 18:41

Tgt Ion: 65 Resp: 63007
Ion Ratio Lower Upper
65 100
67 50.6 0.0 102.4

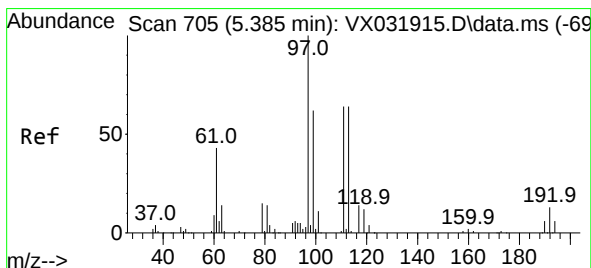
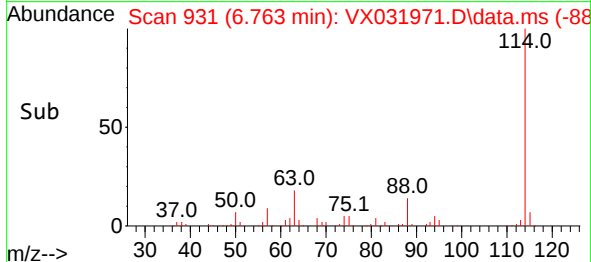
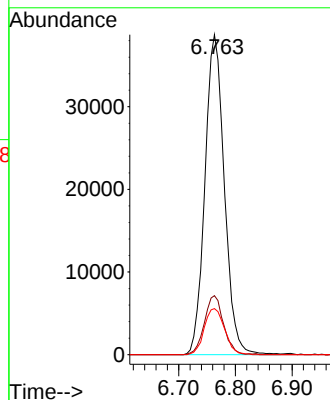
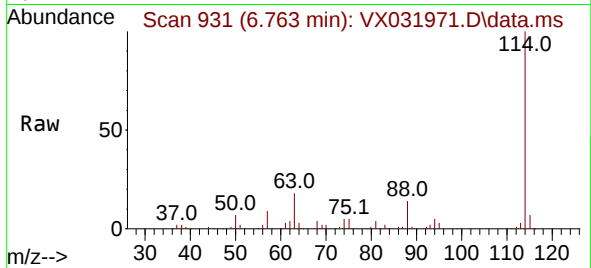




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX031971.D
Acq: 07 Oct 2022 18:41

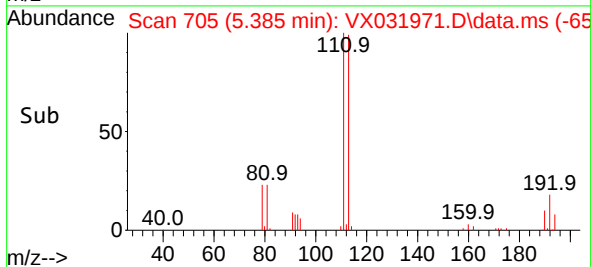
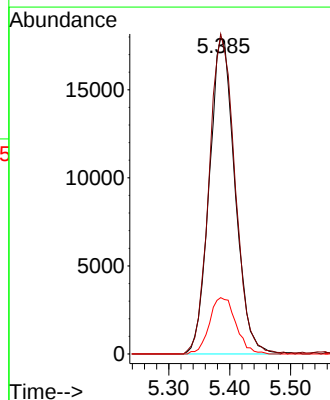
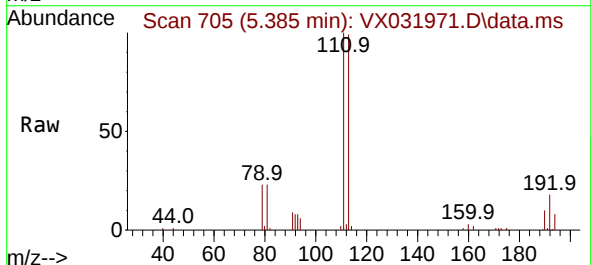
Instrument :
MSVOA_X
ClientSampleId :
MW-133DL

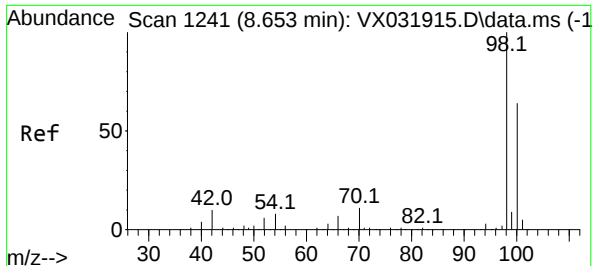
Tgt Ion:114 Resp: 92185
Ion Ratio Lower Upper
114 100
63 18.4 0.0 42.6
88 14.4 0.0 33.0



#35
Dibromofluoromethane
Concen: 50.234 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX031971.D
Acq: 07 Oct 2022 18:41

Tgt Ion:113 Resp: 52418
Ion Ratio Lower Upper
113 100
111 102.5 82.4 123.6
192 18.4 14.1 21.1





#50

Toluene-d8

Concen: 49.201 ug/l

RT: 8.653 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX031971.D

Acq: 07 Oct 2022 18:41

Instrument :

MSVOA_X

ClientSampleId :

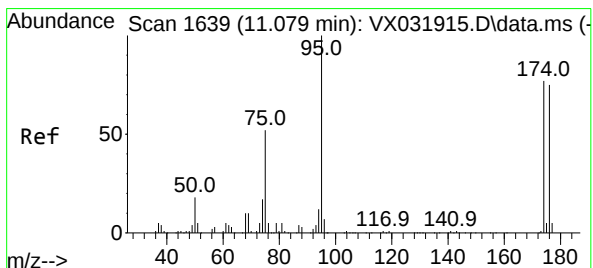
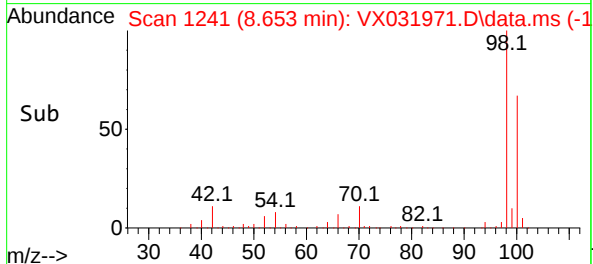
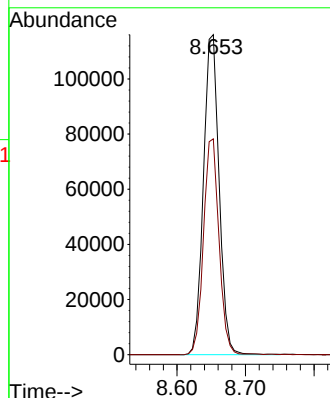
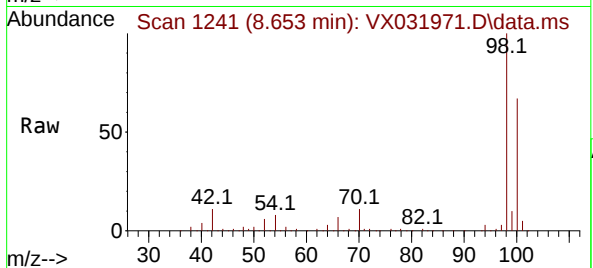
MW-133DL

Tgt Ion: 98 Resp: 184740

Ion Ratio Lower Upper

98 100

100 66.7 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 47.725 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.006 min

Lab File: VX031971.D

Acq: 07 Oct 2022 18:41

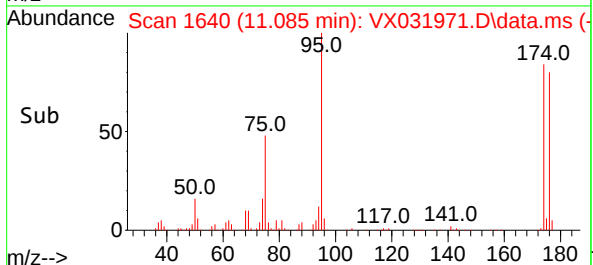
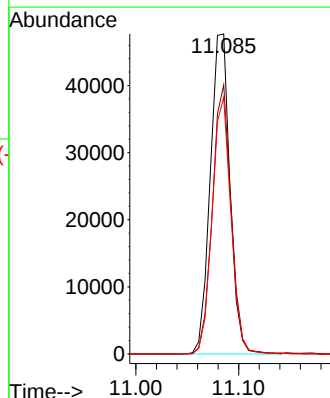
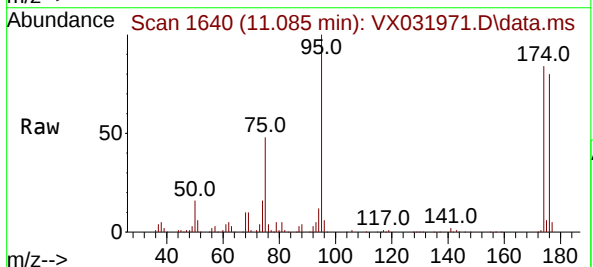
Tgt Ion: 95 Resp: 63351

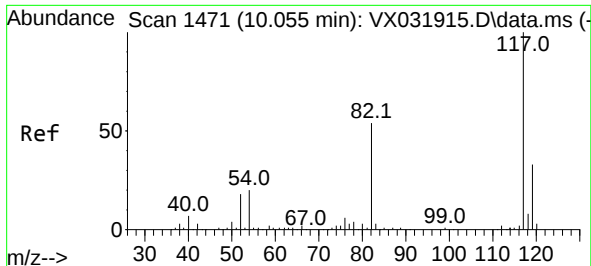
Ion Ratio Lower Upper

95 100

174 80.5 0.0 153.2

176 76.6 0.0 144.0

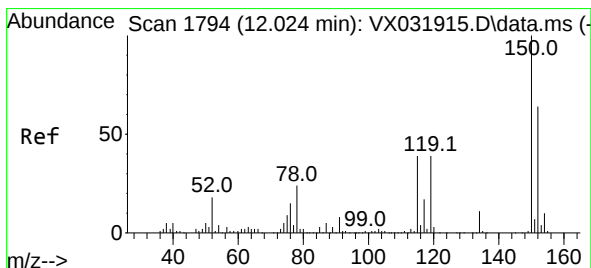
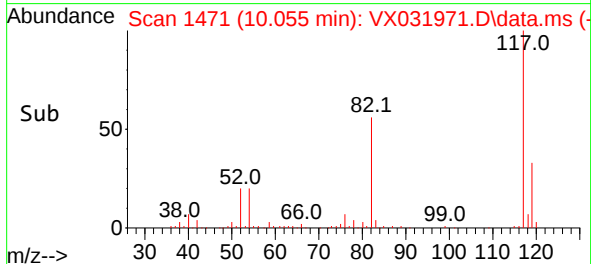
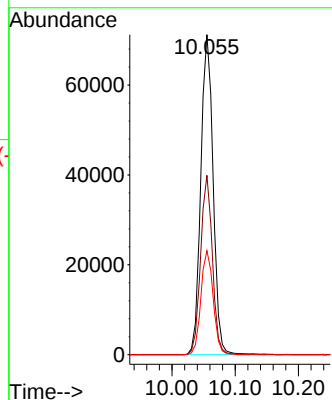
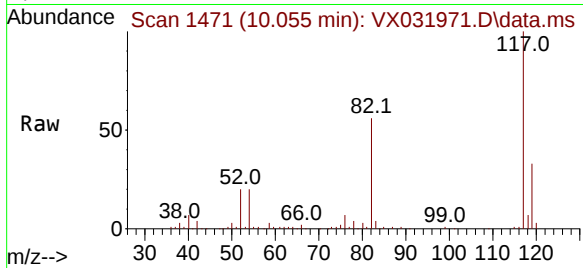




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031971.D
Acq: 07 Oct 2022 18:41

Instrument :
MSVOA_X
ClientSampleId :
MW-133DL

Tgt Ion:117 Resp: 96767
Ion Ratio Lower Upper
117 100
82 56.1 46.8 70.2
119 32.5 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031971.D
Acq: 07 Oct 2022 18:41

Tgt Ion:152 Resp: 59477
Ion Ratio Lower Upper
152 100
115 59.5 43.4 130.1
150 157.6 0.0 346.8

