

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033123\
 Data File : VX034880.D
 Acq On : 31 Mar 2023 15:58
 Operator : JC/MD
 Sample : 02048-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-8

Quant Time: Apr 03 01:19:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

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

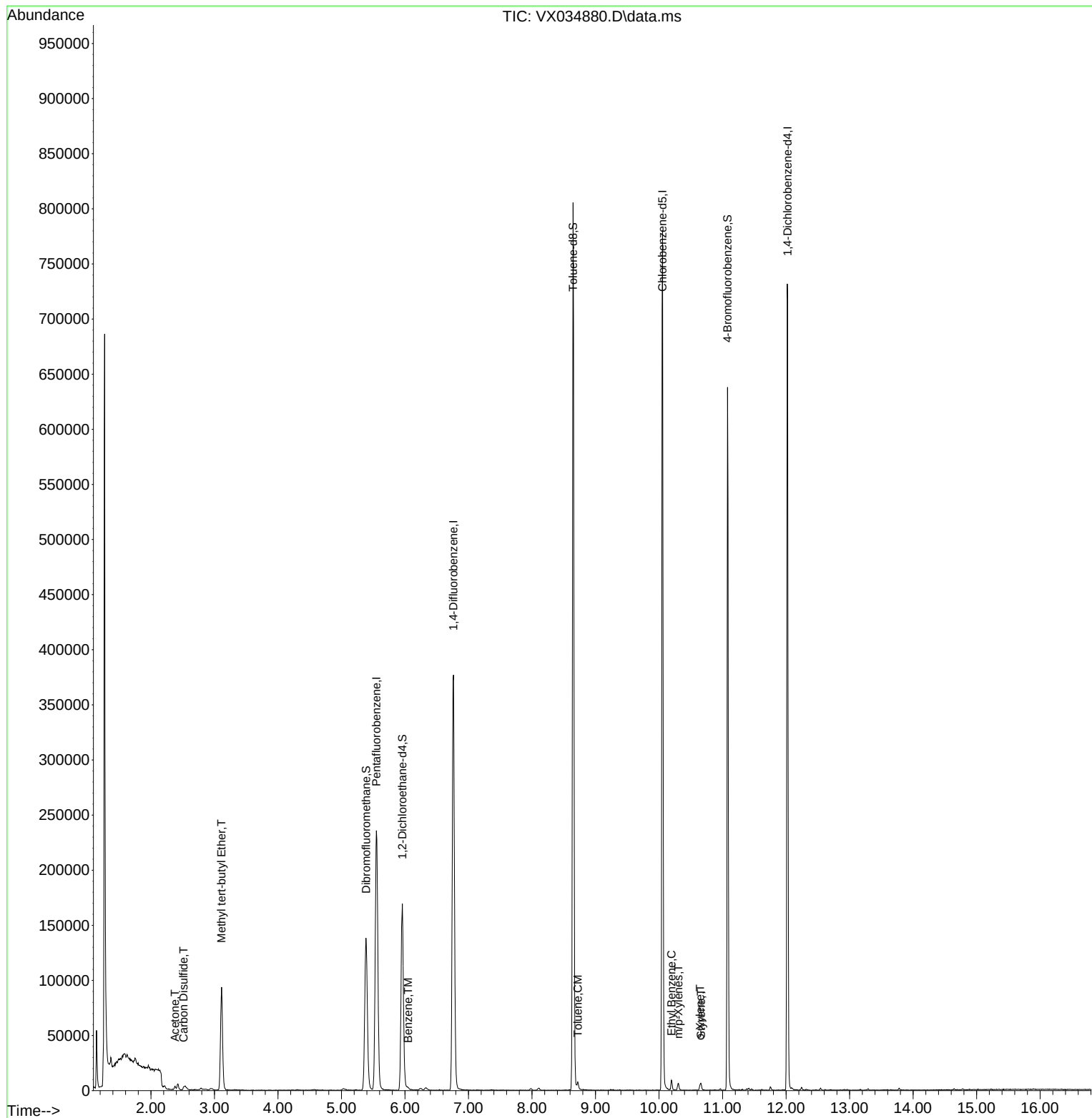
Internal Standards						
1) Pentafluorobenzene	5.550	168	218360	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	372293	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	331031	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	146898	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	158178	47.366	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	94.740%	
35) Dibromofluoromethane	5.385	113	117495	47.715	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	95.440%	
50) Toluene-d8	8.647	98	450100	49.522	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	99.040%	
62) 4-Bromofluorobenzene	11.079	95	160479	45.627	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	91.260%	
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	3940	2.904	ug/l	98
17) Carbon Disulfide	2.514	76	3219	0.573	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	96281	11.601	ug/l	100
40) Benzene	6.050	78	2114	0.202	ug/l #	86
52) Toluene	8.720	92	2162	0.317	ug/l	99
67) Ethyl Benzene	10.195	91	5459	0.438	ug/l	94
68) m/p-Xylenes	10.305	106	1666	0.350	ug/l	96
69) o-Xylene	10.646	106	957	0.205	ug/l	95
70) Styrene	10.659	104	2648	0.355	ug/l #	83

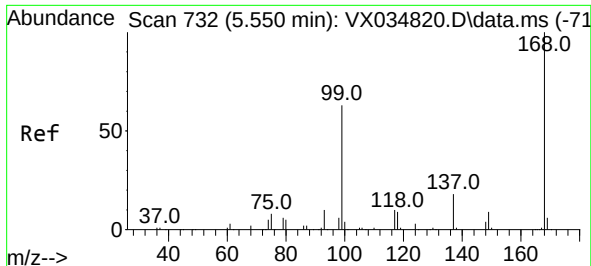
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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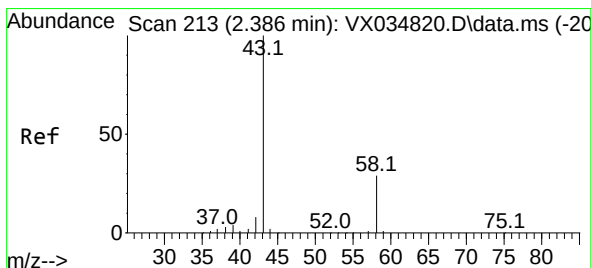
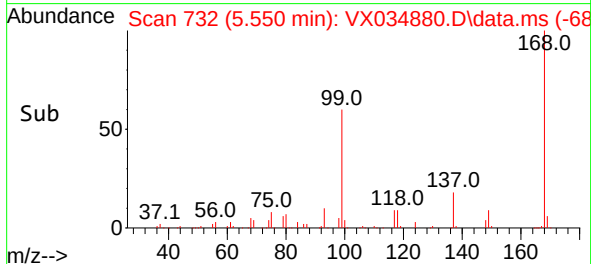
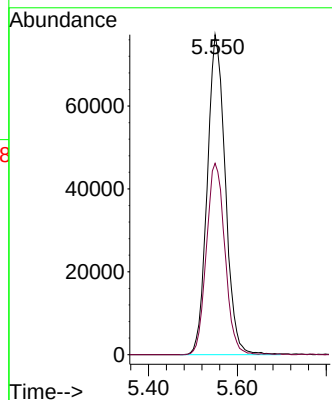
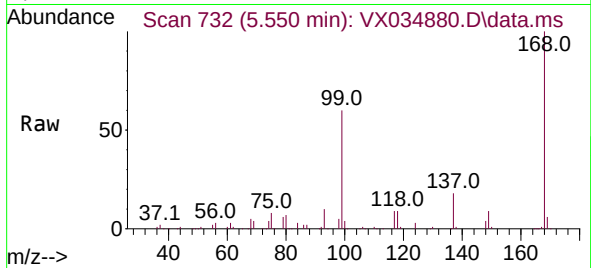




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034880.D
Acq: 31 Mar 2023 15:58

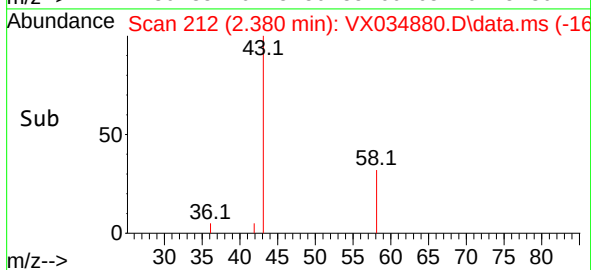
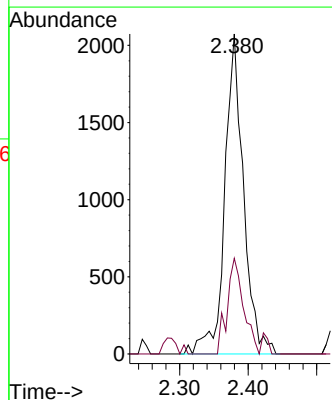
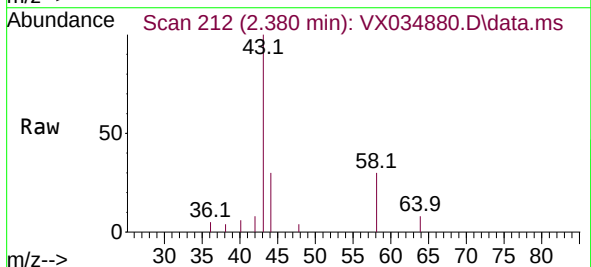
Instrument :
MSVOA_X
ClientSampleId :
MW-8

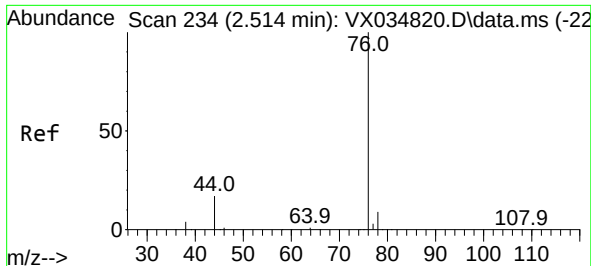
Tgt Ion:168 Resp: 218360
Ion Ratio Lower Upper
168 100
99 59.8 45.7 68.5



#16
Acetone
Concen: 2.904 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX034880.D
Acq: 31 Mar 2023 15:58

Tgt Ion: 43 Resp: 3940
Ion Ratio Lower Upper
43 100
58 29.9 24.7 37.1





#17

Carbon Disulfide

Concen: 0.573 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX034880.D

Acq: 31 Mar 2023 15:58

Instrument :

MSVOA_X

ClientSampleId :

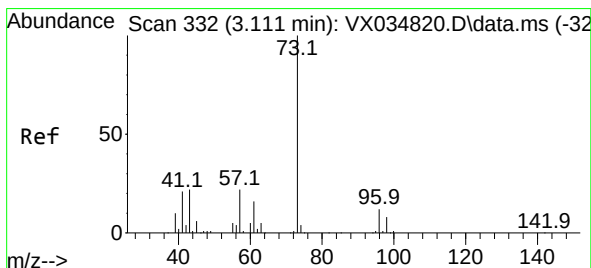
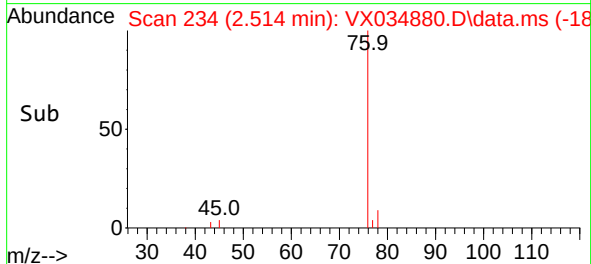
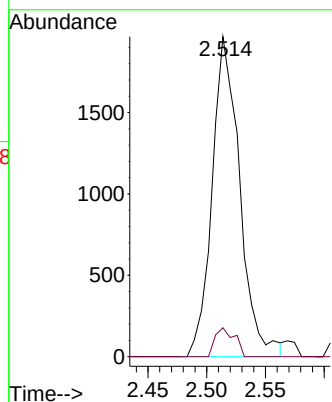
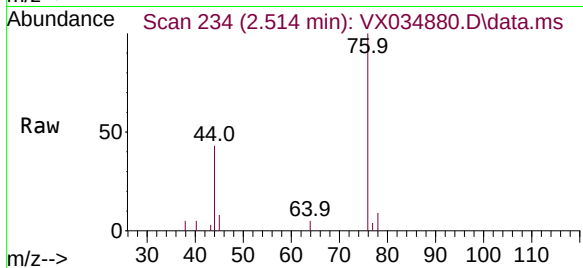
MW-8

Tgt Ion: 76 Resp: 3219

Ion Ratio Lower Upper

76 100

78 9.1 7.2 10.8



#19

Methyl tert-butyl Ether

Concen: 11.601 ug/l

RT: 3.111 min Scan# 332

Delta R.T. -0.000 min

Lab File: VX034880.D

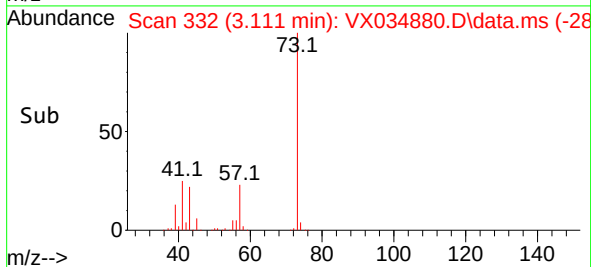
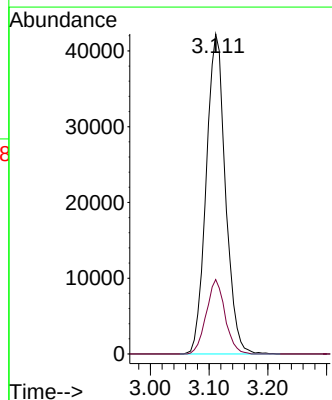
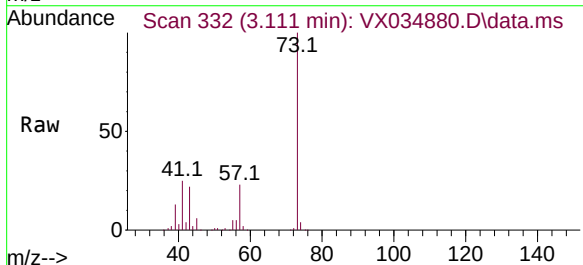
Acq: 31 Mar 2023 15:58

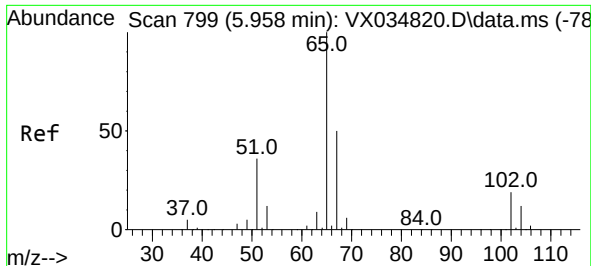
Tgt Ion: 73 Resp: 96281

Ion Ratio Lower Upper

73 100

57 23.3 18.5 27.7





#33

1,2-Dichloroethane-d4

Concen: 47.366 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX034880.D

Acq: 31 Mar 2023 15:58

Instrument :

MSVOA_X

ClientSampleId :

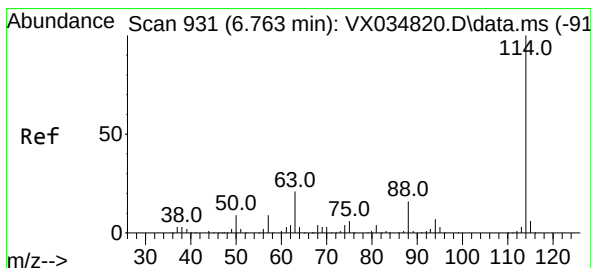
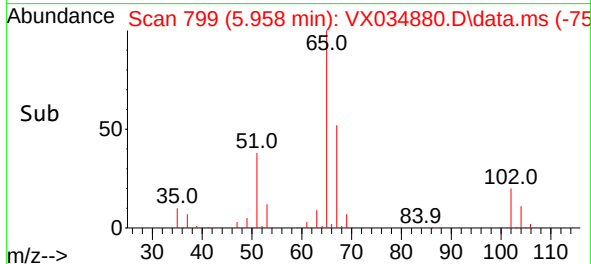
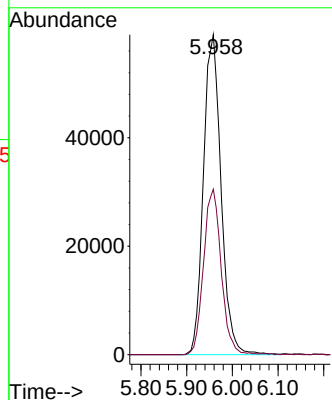
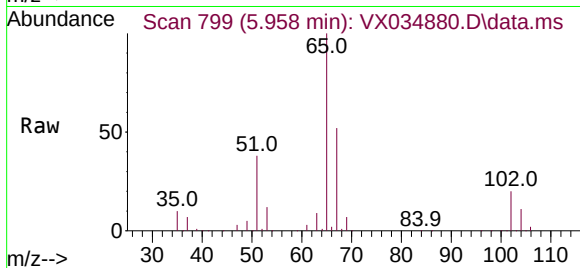
MW-8

Tgt Ion: 65 Resp: 158178

Ion Ratio Lower Upper

65 100

67 51.6 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX034880.D

Acq: 31 Mar 2023 15:58

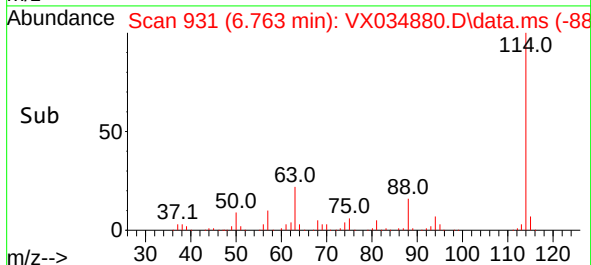
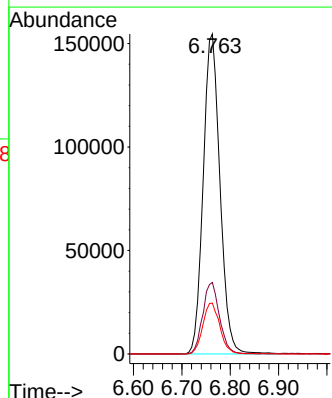
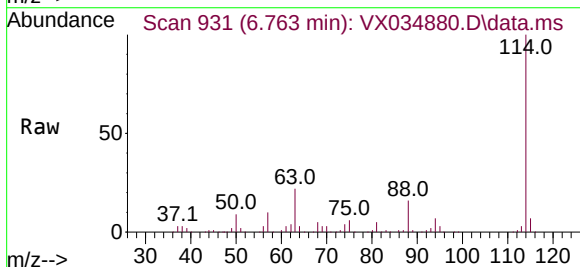
Tgt Ion: 114 Resp: 372293

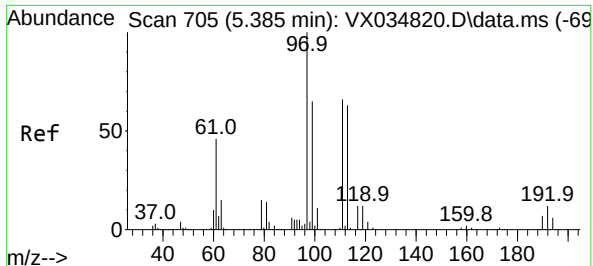
Ion Ratio Lower Upper

114 100

63 22.4 0.0 42.2

88 15.9 0.0 33.2

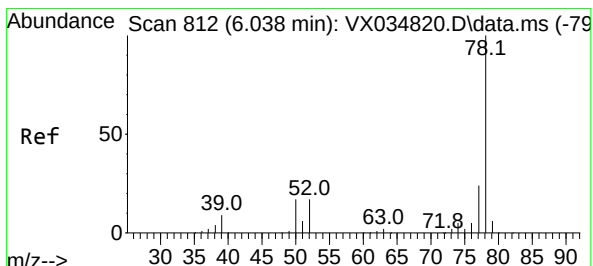
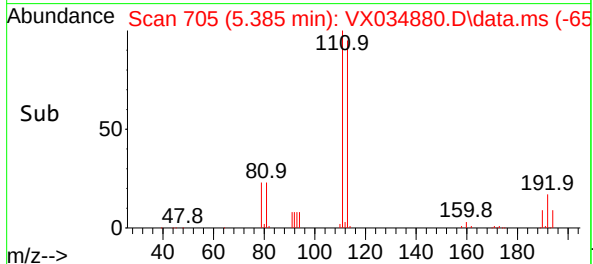
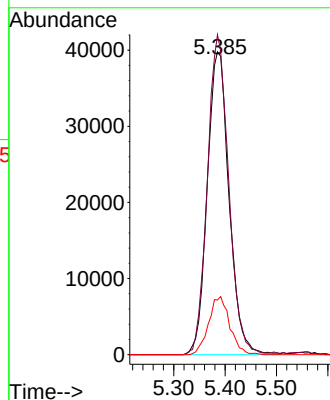
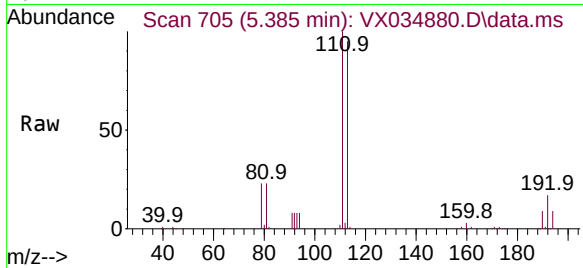




#35
Dibromofluoromethane
Concen: 47.715 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX034880.D
Acq: 31 Mar 2023 15:58

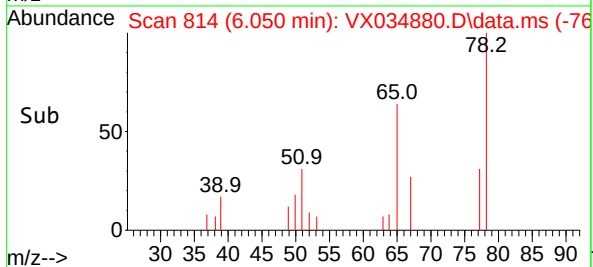
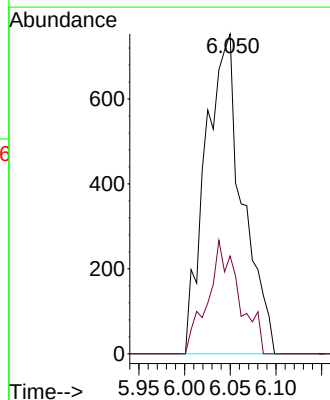
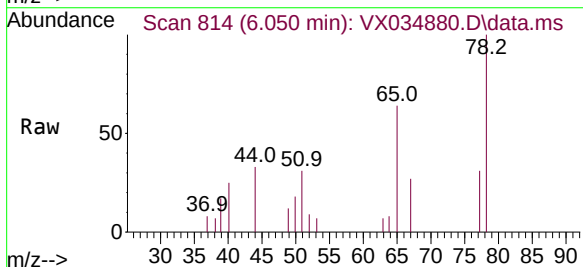
Instrument :
MSVOA_X
ClientSampleId :
MW-8

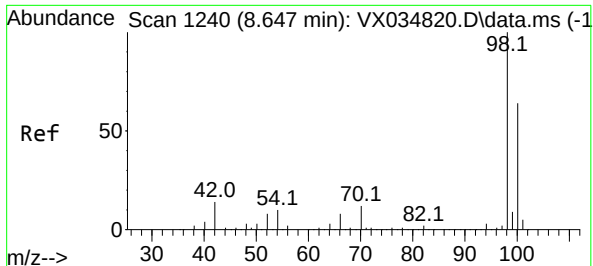
Tgt Ion:113 Resp: 117495
Ion Ratio Lower Upper
113 100
111 102.8 83.7 125.5
192 18.6 15.4 23.2



#40
Benzene
Concen: 0.202 ug/l
RT: 6.050 min Scan# 814
Delta R.T. 0.012 min
Lab File: VX034880.D
Acq: 31 Mar 2023 15:58

Tgt Ion: 78 Resp: 2114
Ion Ratio Lower Upper
78 100
77 30.5 19.0 28.4#





#50

Toluene-d8

Concen: 49.522 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX034880.D

Acq: 31 Mar 2023 15:58

Instrument :

MSVOA_X

ClientSampleId :

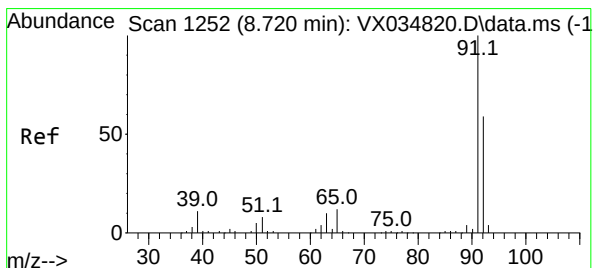
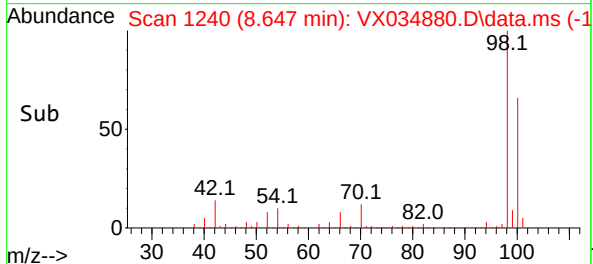
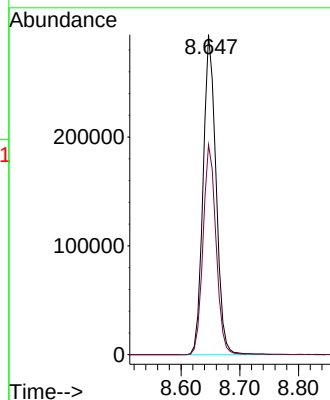
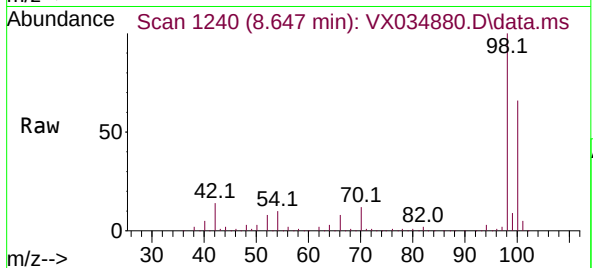
MW-8

Tgt Ion: 98 Resp: 450100

Ion Ratio Lower Upper

98 100

100 66.0 52.5 78.7



#52

Toluene

Concen: 0.317 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX034880.D

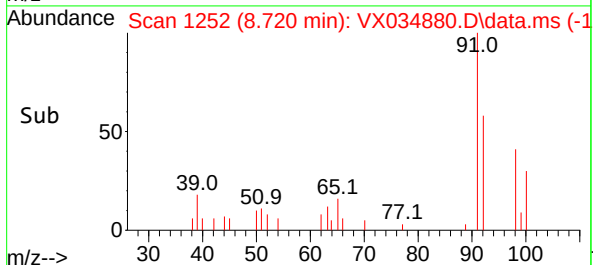
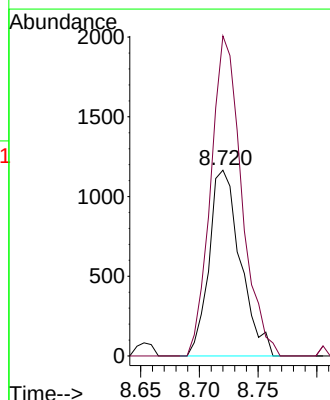
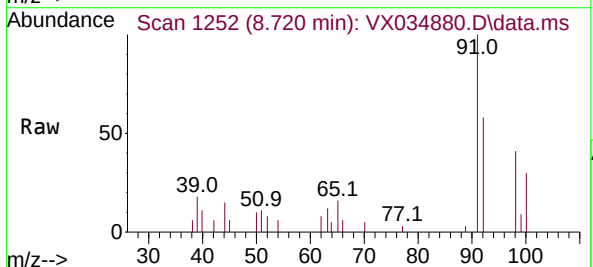
Acq: 31 Mar 2023 15:58

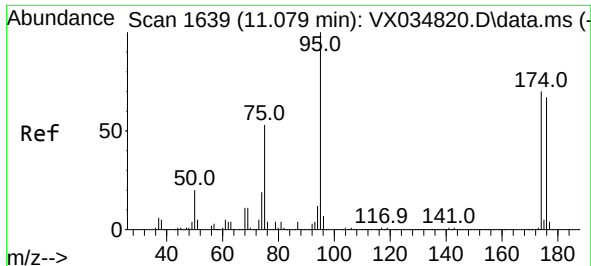
Tgt Ion: 92 Resp: 2162

Ion Ratio Lower Upper

92 100

91 170.1 136.8 205.2

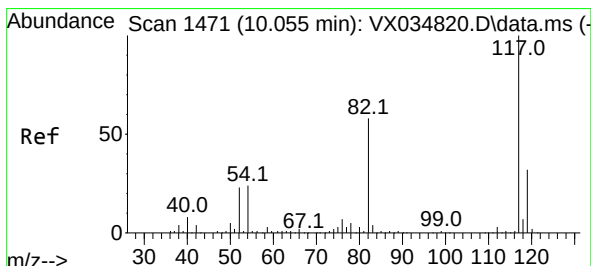
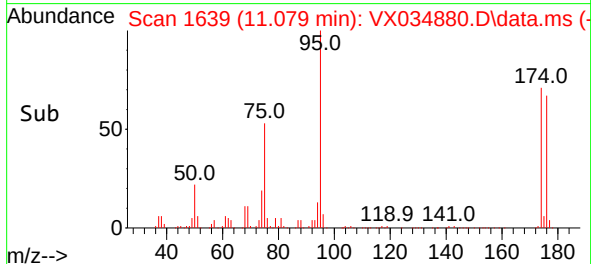
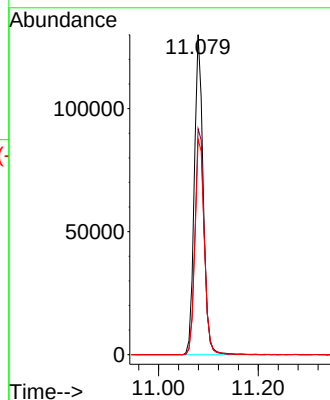
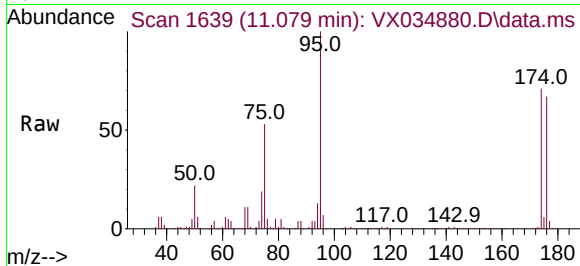




#62
4-Bromofluorobenzene
Concen: 45.627 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034880.D
Acq: 31 Mar 2023 15:58

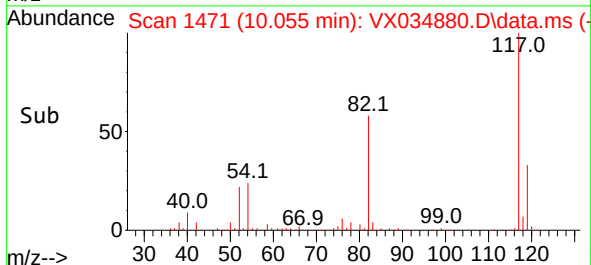
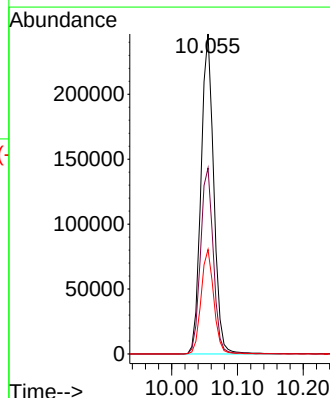
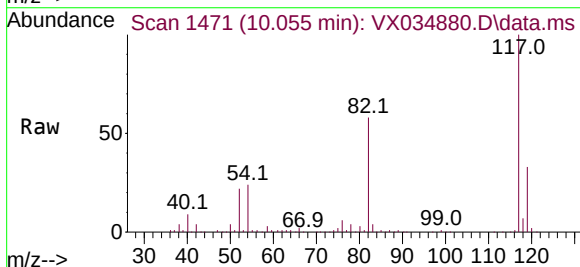
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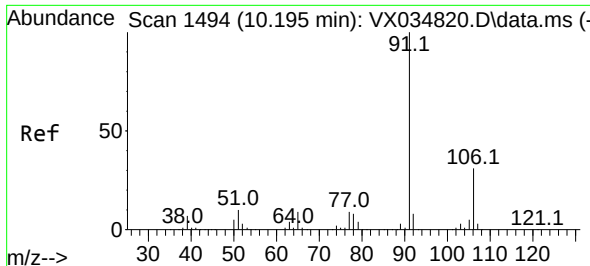
Tgt Ion: 95 Resp: 160479
Ion Ratio Lower Upper
95 100
174 73.9 0.0 147.4
176 70.7 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034880.D
Acq: 31 Mar 2023 15:58

Tgt Ion: 117 Resp: 331031
Ion Ratio Lower Upper
117 100
82 58.1 45.0 67.4
119 32.6 26.0 39.0

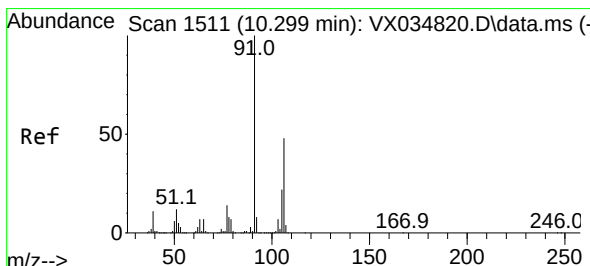
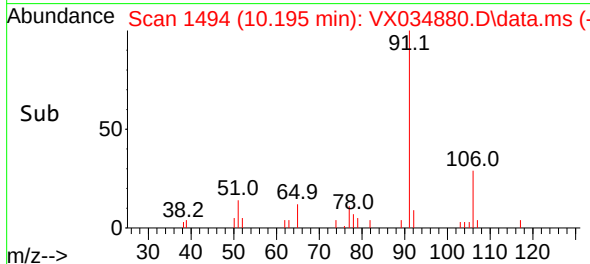
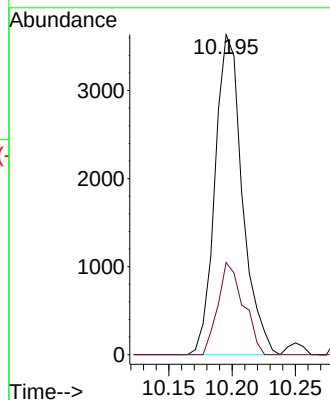
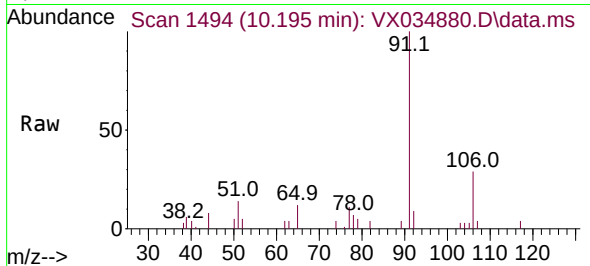




#67
Ethyl Benzene
Concen: 0.438 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX034880.D
Acq: 31 Mar 2023 15:58

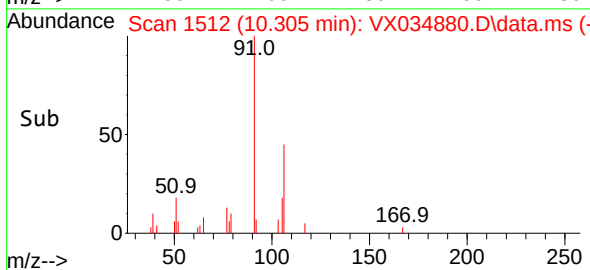
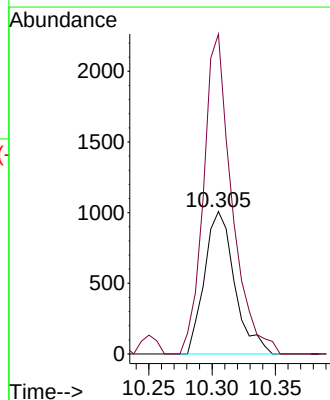
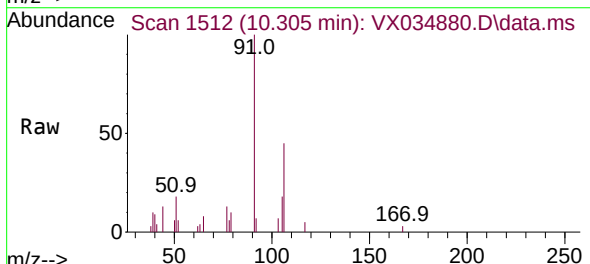
Instrument :
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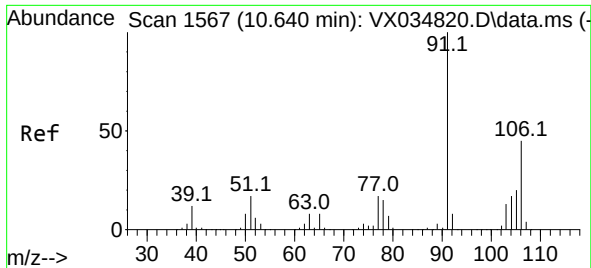
Tgt Ion: 91 Resp: 5459
Ion Ratio Lower Upper
91 100
106 28.8 25.6 38.4



#68
m/p-Xylenes
Concen: 0.350 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX034880.D
Acq: 31 Mar 2023 15:58

Tgt Ion: 106 Resp: 1666
Ion Ratio Lower Upper
106 100
91 211.6 164.0 246.0

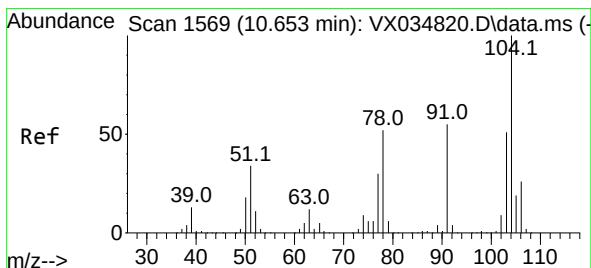
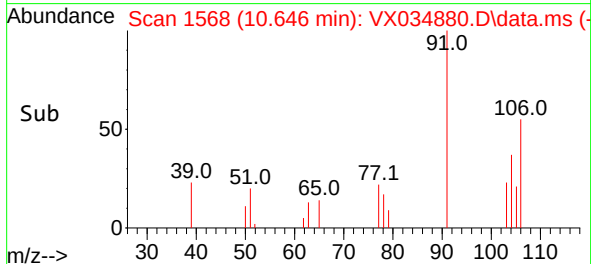
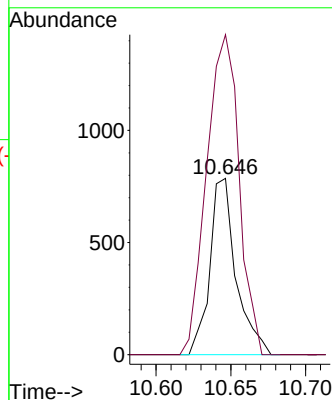
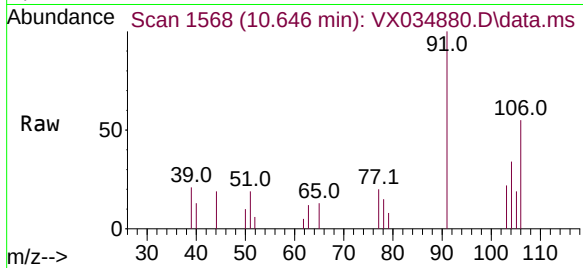




#69
o-Xylene
Concen: 0.205 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX034880.D
Acq: 31 Mar 2023 15:58

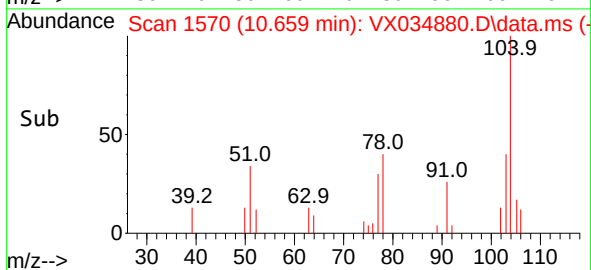
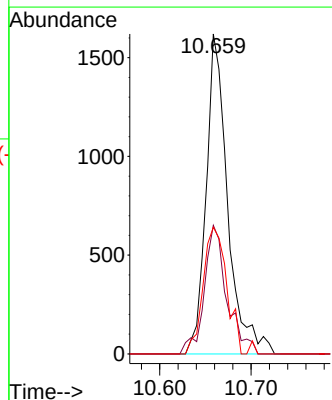
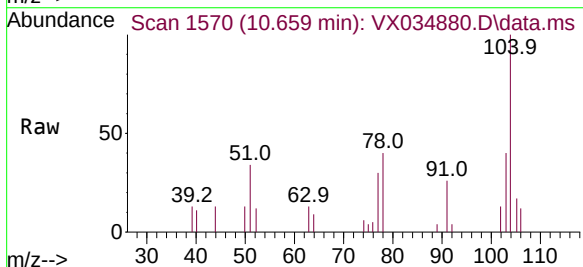
Instrument :
MSVOA_X
ClientSampleId :
MW-8

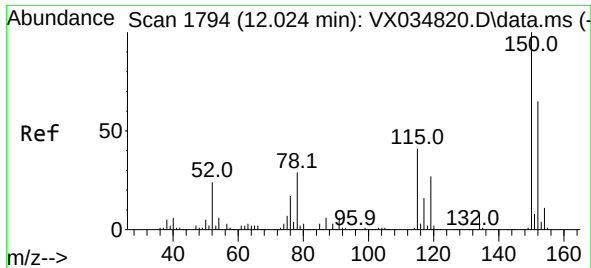
Tgt Ion:106 Resp: 957
Ion Ratio Lower Upper
106 100
91 225.2 108.5 325.3



#70
Styrene
Concen: 0.355 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VX034880.D
Acq: 31 Mar 2023 15:58

Tgt Ion:104 Resp: 2648
Ion Ratio Lower Upper
104 100
78 42.3 43.4 65.2#
103 43.2 44.2 66.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX034880.D

Acq: 31 Mar 2023 15:58

Instrument :

MSVOA_X

ClientSampleId :

MW-8

Tgt Ion:152 Resp: 146898

Ion Ratio Lower Upper

152 100

115 61.2 45.0 135.0

150 156.8 0.0 352.4

