

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020722\
 Data File : VX026788.D
 Acq On : 07 Feb 2022 16:38
 Operator : JC/MD
 Sample : N1359-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-19R

Quant Time: Feb 07 23:31:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

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

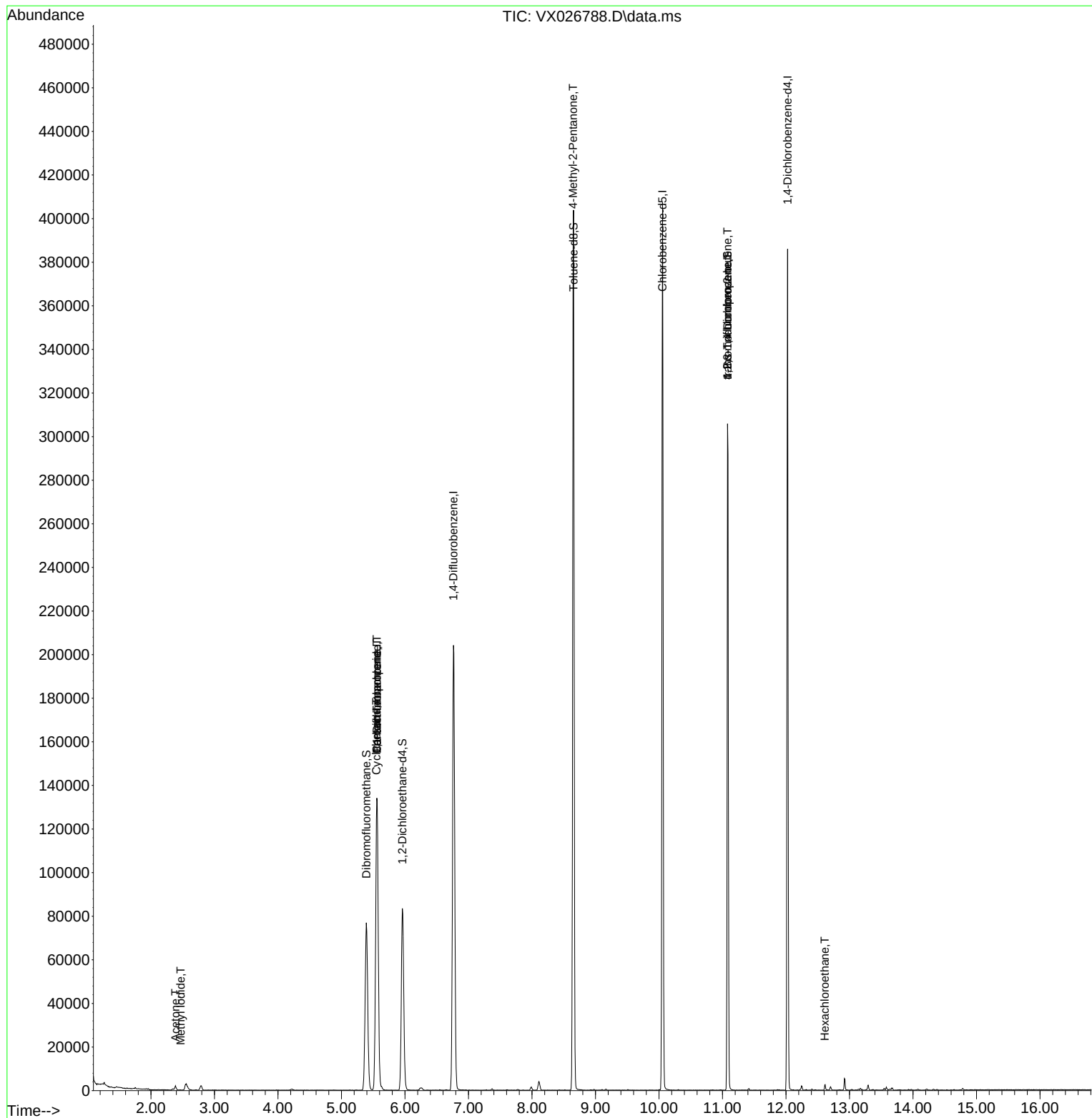
Internal Standards						
1) Pentafluorobenzene	5.556	168	129113	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	215162	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	182873	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	76902	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	81368	45.114	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.220%		
35) Dibromofluoromethane	5.391	113	66998	48.219	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.440%		
50) Toluene-d8	8.653	98	244335	48.799	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.600%		
62) 4-Bromofluorobenzene	11.079	95	85317	47.967	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.940%		
Target Compounds						Qvalue
10) Methyl Iodide	2.465	142	48	4.474	ug/l #	37
16) Acetone	2.386	43	2254	2.451	ug/l #	83
31) Cyclohexane	5.550	56	2712	1.019	ug/l #	20
36) 1,1-Dichloropropene	5.556	75	9778	4.458	ug/l #	50
38) Carbon Tetrachloride	5.556	117	13283	5.887	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	1056	0.497	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	41408	24.455	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	41408	74.443	ug/l #	4
90) Hexachloroethane	12.610	117	162	2.354	ug/l #	14

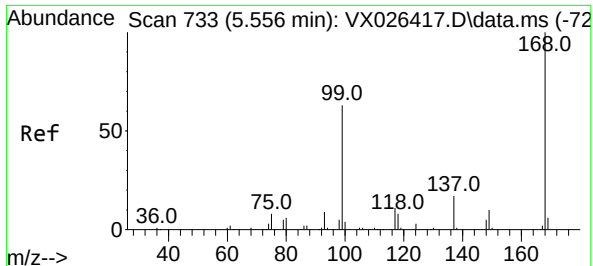
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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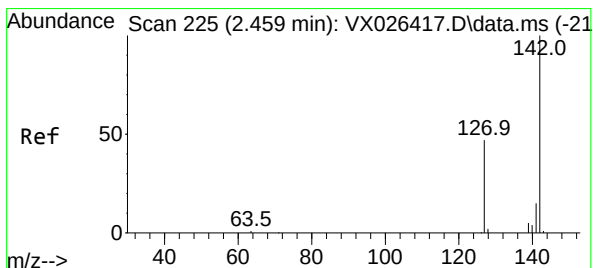
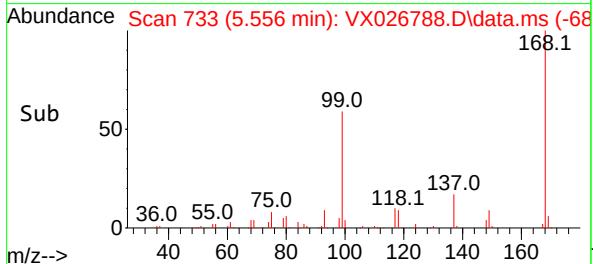
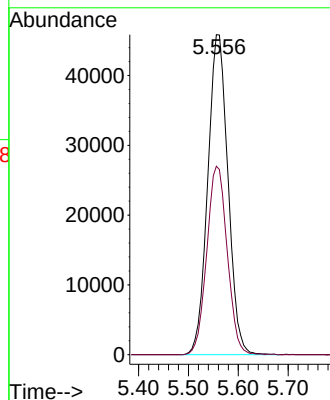
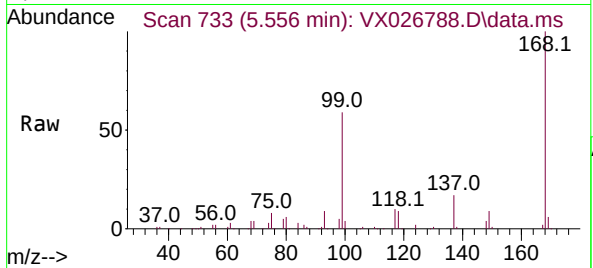




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026788.D
Acq: 07 Feb 2022 16:38

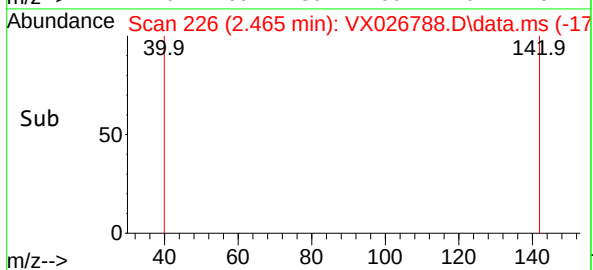
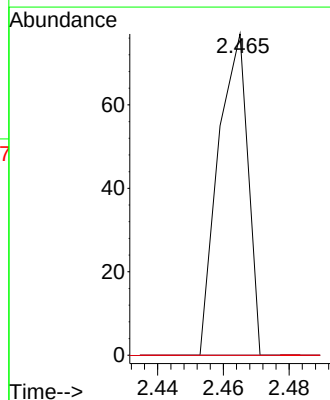
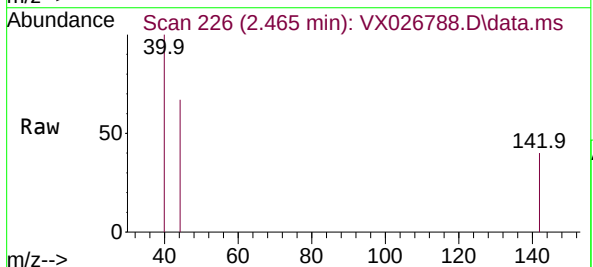
Instrument :
MSVOA_X
ClientSampleId :
MW-19R

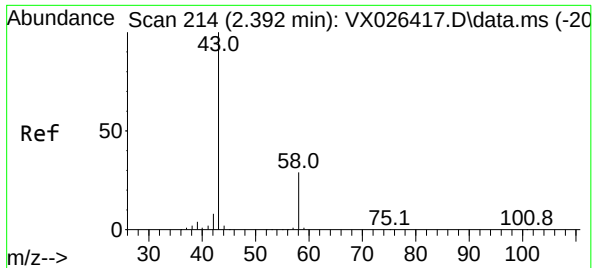
Tgt Ion:168 Resp: 129113
Ion Ratio Lower Upper
168 100
99 58.9 50.3 75.5



#10
Methyl Iodide
Concen: 4.474 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.006 min
Lab File: VX026788.D
Acq: 07 Feb 2022 16:38

Tgt Ion:142 Resp: 48
Ion Ratio Lower Upper
142 100
127 0.0 38.1 57.1#
141 0.0 11.2 16.8#

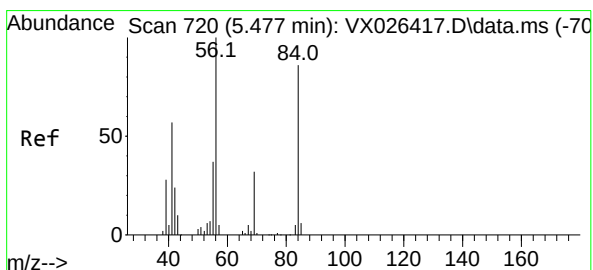
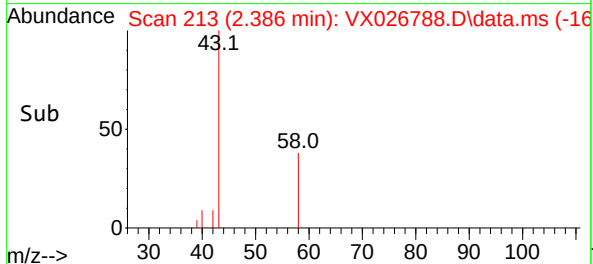
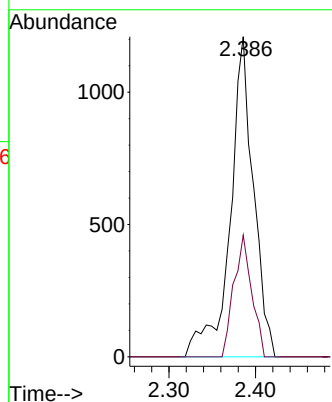
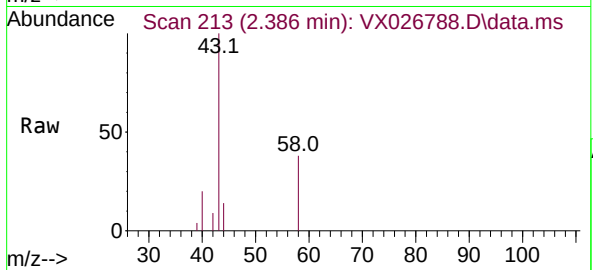




#16
Acetone
Concen: 2.451 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX026788.D
Acq: 07 Feb 2022 16:38

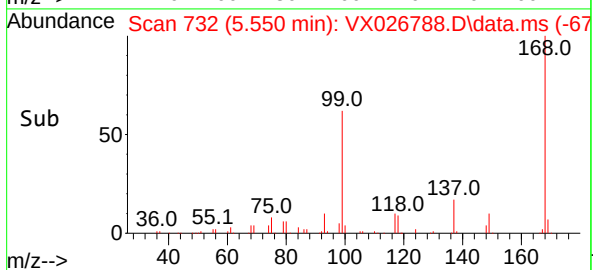
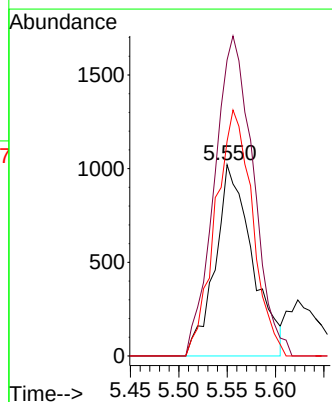
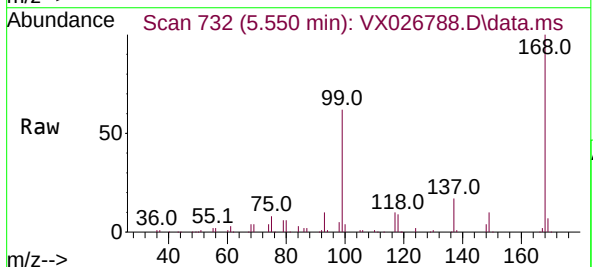
Instrument :
MSVOA_X
ClientSampleId :
MW-19R

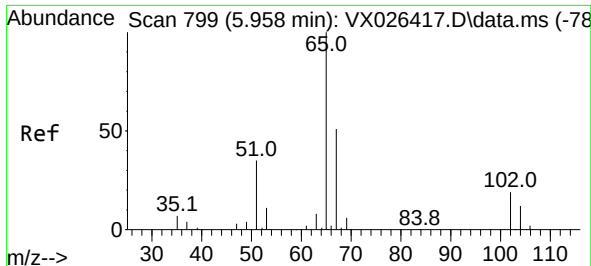
Tgt Ion: 43 Resp: 2254
Ion Ratio Lower Upper
43 100
58 38.0 23.0 34.6#



#31
Cyclohexane
Concen: 1.019 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.073 min
Lab File: VX026788.D
Acq: 07 Feb 2022 16:38

Tgt Ion: 56 Resp: 2712
Ion Ratio Lower Upper
56 100
69 154.8 25.8 38.6#
84 112.2 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 45.114 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX026788.D

Acq: 07 Feb 2022 16:38

Instrument :

MSVOA_X

ClientSampleId :

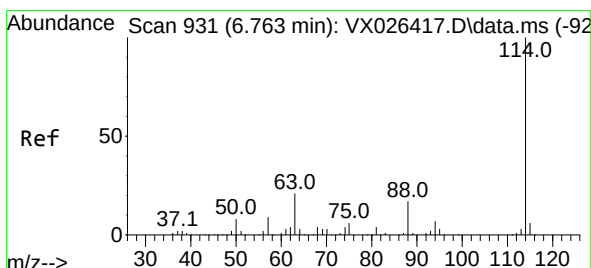
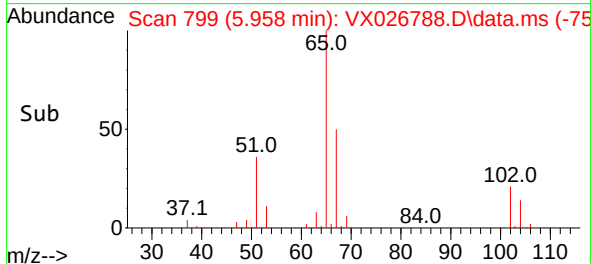
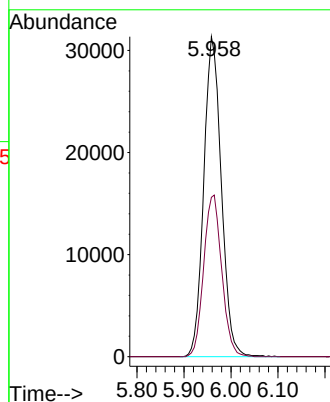
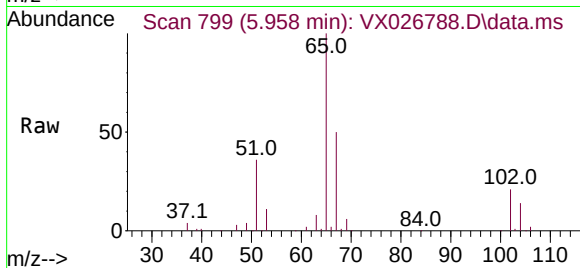
MW-19R

Tgt Ion: 65 Resp: 81368

Ion Ratio Lower Upper

65 100

67 51.7 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX026788.D

Acq: 07 Feb 2022 16:38

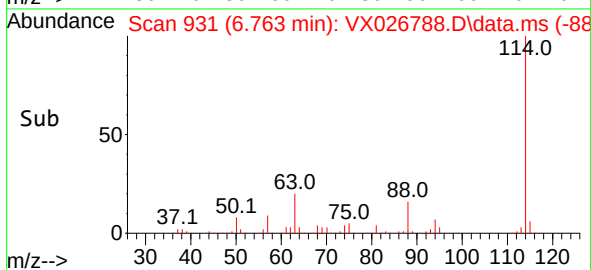
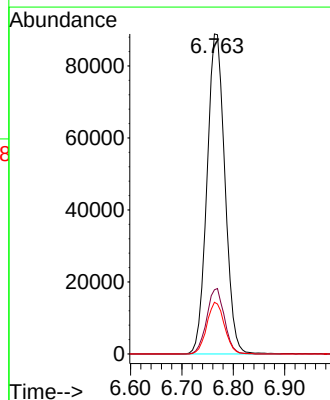
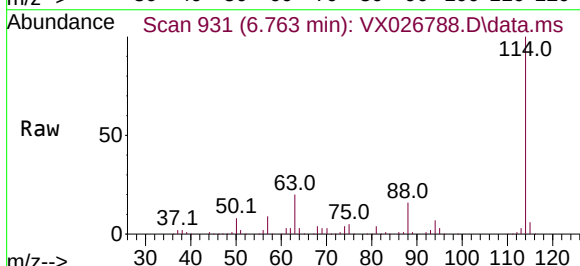
Tgt Ion: 114 Resp: 215162

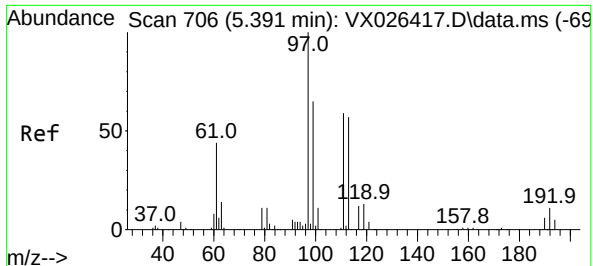
Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.8

88 16.2 0.0 33.0





#35

Dibromofluoromethane

Concen: 48.219 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX026788.D

Acq: 07 Feb 2022 16:38

Instrument :

MSVOA_X

ClientSampleId :

MW-19R

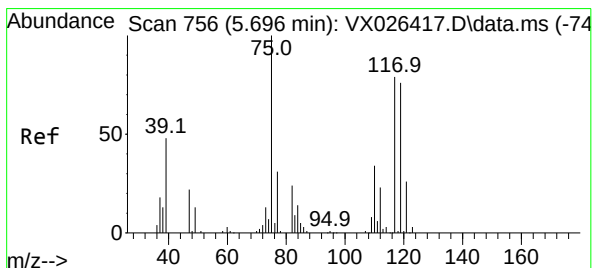
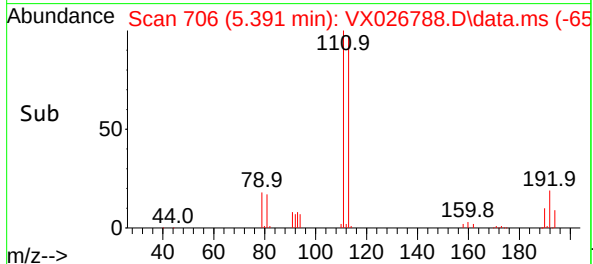
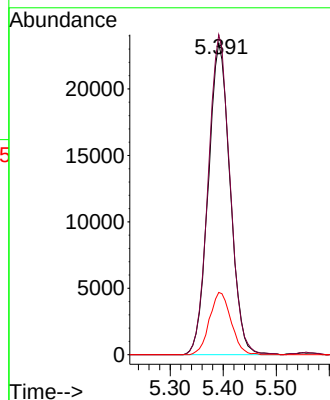
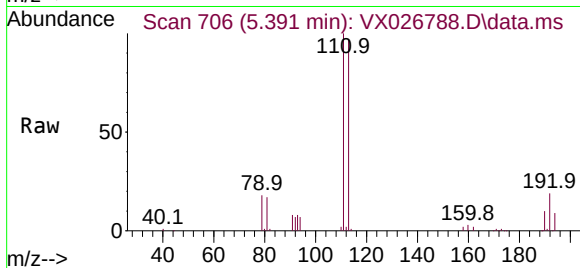
Tgt Ion:113 Resp: 66998

Ion Ratio Lower Upper

113 100

111 102.6 81.2 121.8

192 19.7 15.0 22.4



#36

1,1-Dichloropropene

Concen: 4.458 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX026788.D

Acq: 07 Feb 2022 16:38

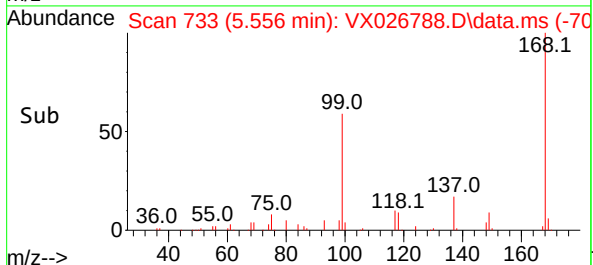
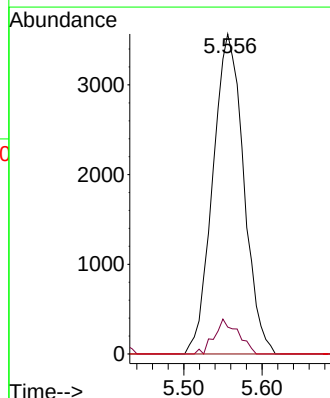
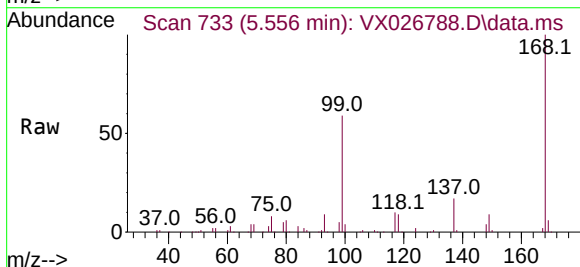
Tgt Ion: 75 Resp: 9778

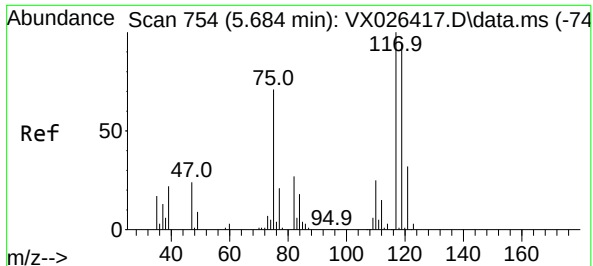
Ion Ratio Lower Upper

75 100

110 8.4 17.2 51.6#

77 0.0 24.6 36.8#

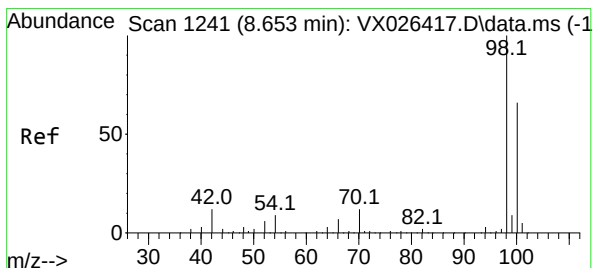
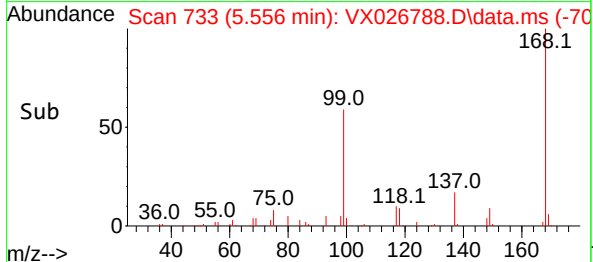
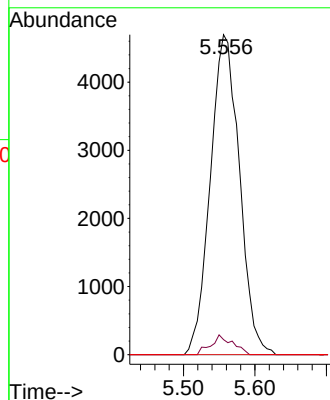
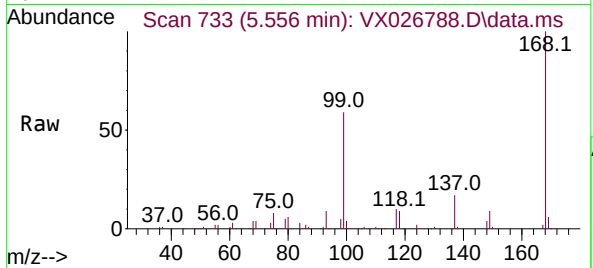




#38
Carbon Tetrachloride
Concen: 5.887 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX026788.D
Acq: 07 Feb 2022 16:38

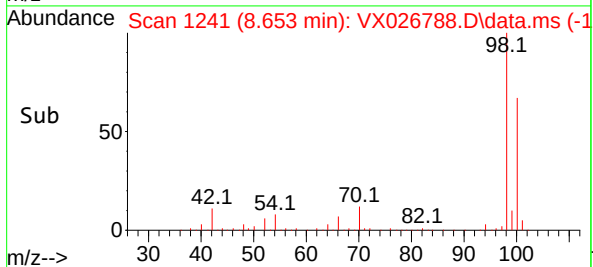
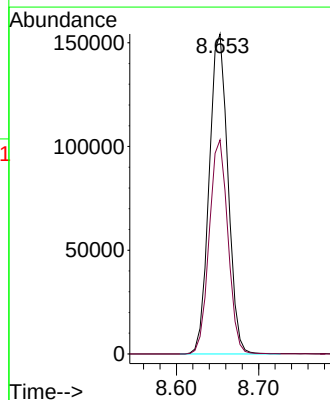
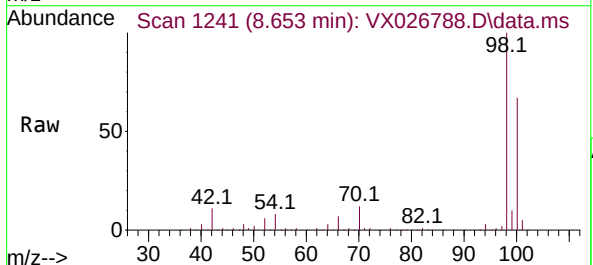
Instrument :
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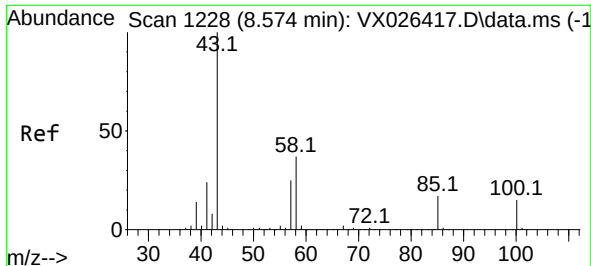
Tgt Ion:117 Resp: 13283
Ion Ratio Lower Upper
117 100
119 4.7 74.7 112.1#
121 0.0 25.4 38.0#



#50
Toluene-d8
Concen: 48.799 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX026788.D
Acq: 07 Feb 2022 16:38

Tgt Ion: 98 Resp: 244335
Ion Ratio Lower Upper
98 100
100 66.6 53.2 79.8





#51

4-Methyl-2-Pentanone

Concen: 0.497 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX026788.D

Acq: 07 Feb 2022 16:38

Instrument :

MSVOA_X

ClientSampleId :

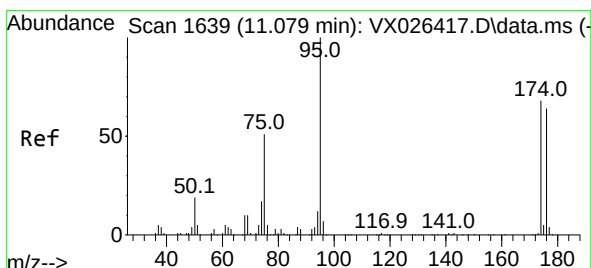
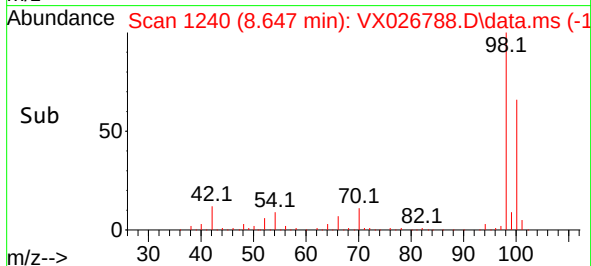
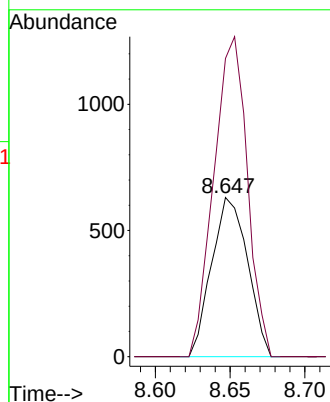
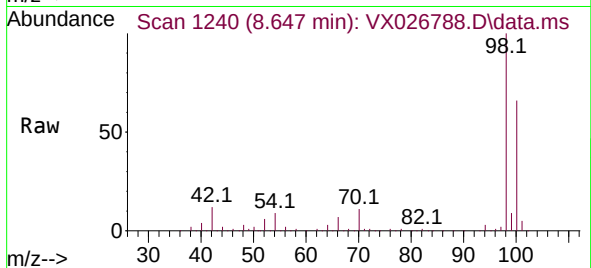
MW-19R

Tgt Ion: 43 Resp: 1056

Ion Ratio Lower Upper

43 100

58 187.2 30.5 45.7#



#62

4-Bromofluorobenzene

Concen: 47.967 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX026788.D

Acq: 07 Feb 2022 16:38

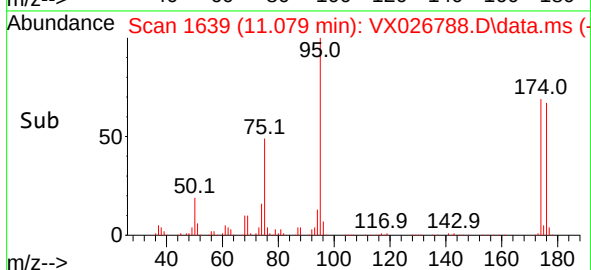
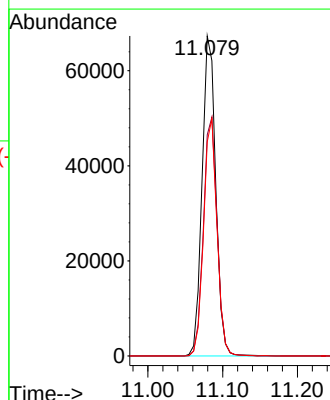
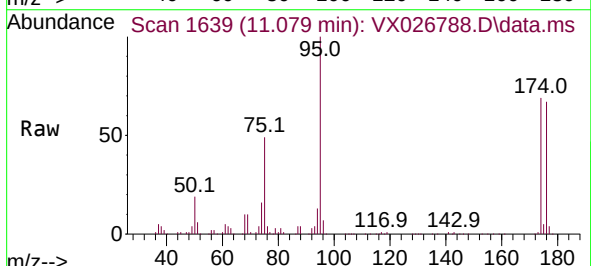
Tgt Ion: 95 Resp: 85317

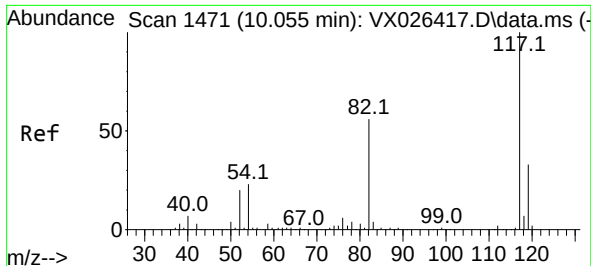
Ion Ratio Lower Upper

95 100

174 74.6 0.0 148.6

176 72.6 0.0 141.4

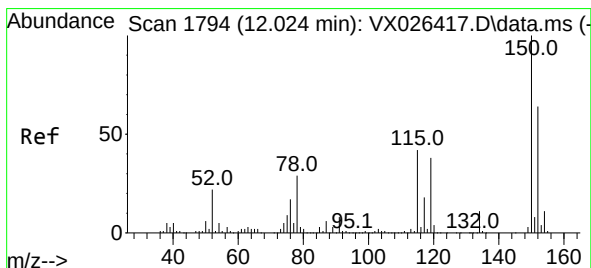
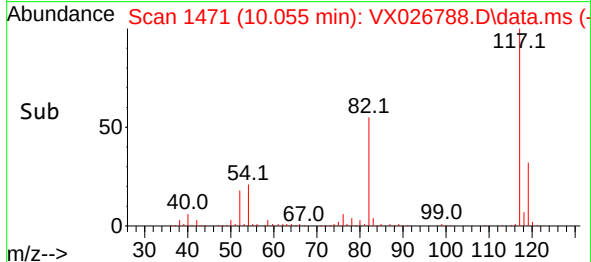
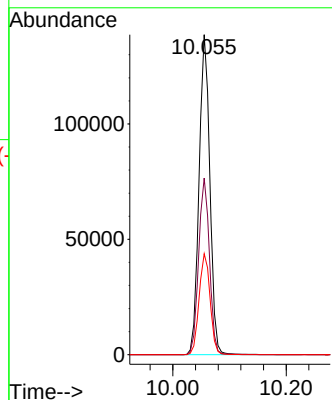
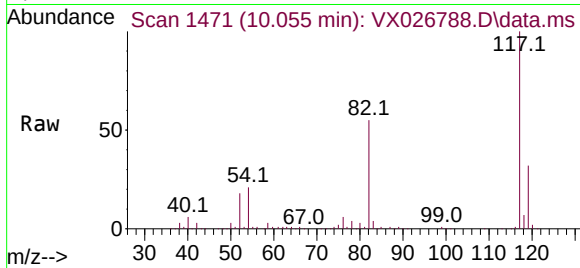




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026788.D
Acq: 07 Feb 2022 16:38

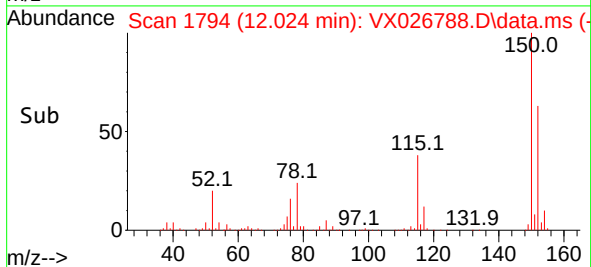
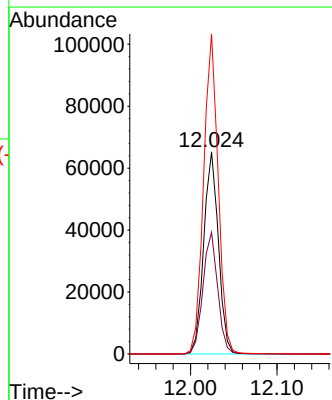
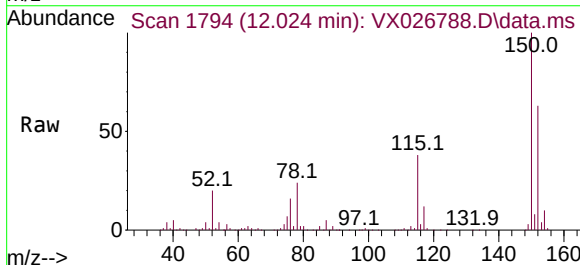
Instrument :
MSVOA_X
ClientSampleId :
MW-19R

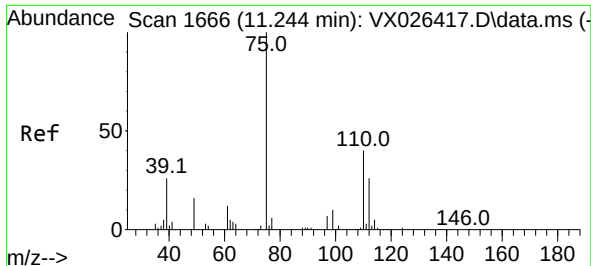
Tgt Ion:117 Resp: 182873
Ion Ratio Lower Upper
117 100
82 55.2 45.2 67.8
119 31.5 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026788.D
Acq: 07 Feb 2022 16:38

Tgt Ion:152 Resp: 76902
Ion Ratio Lower Upper
152 100
115 60.3 44.2 132.6
150 157.1 0.0 348.2

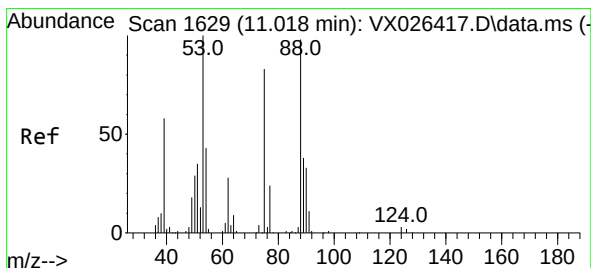
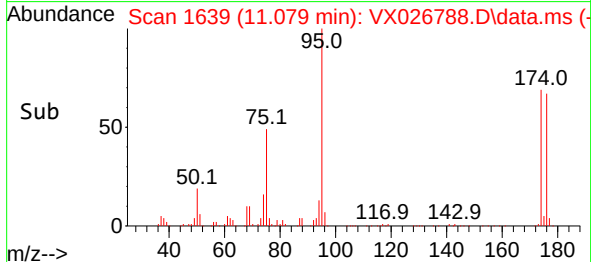
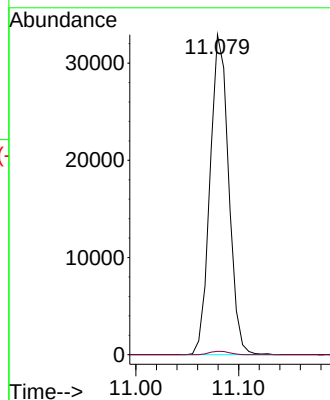
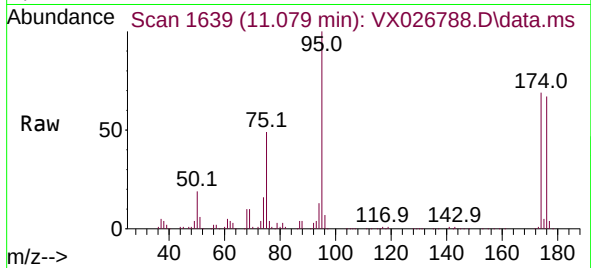




#76
1,2,3-Trichloropropane
Concen: 24.455 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX026788.D
Acq: 07 Feb 2022 16:38

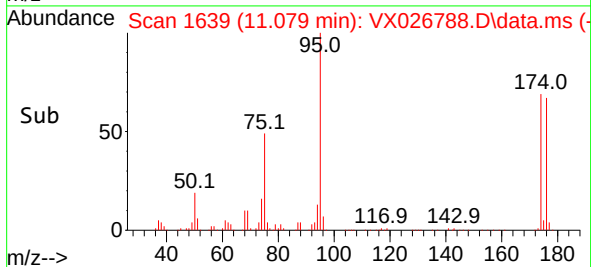
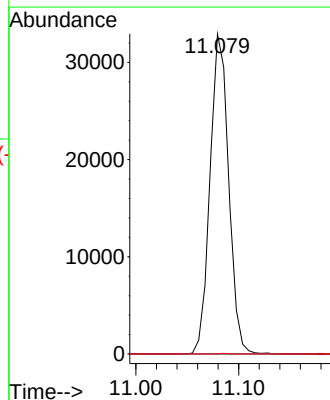
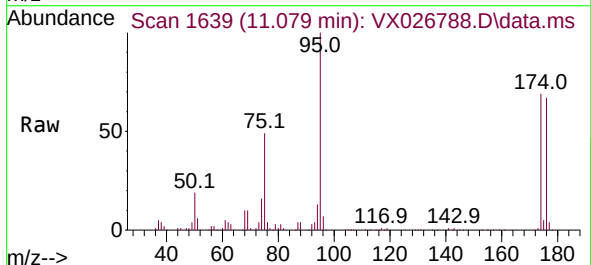
Instrument :
MSVOA_X
ClientSampleId :
MW-19R

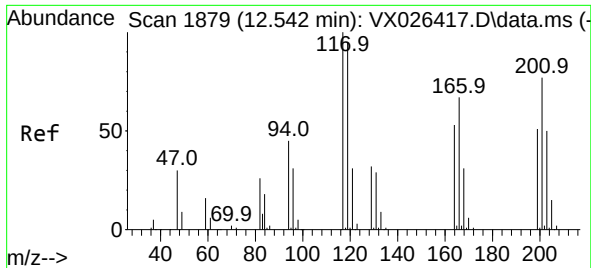
Tgt Ion: 75 Resp: 41408
Ion Ratio Lower Upper
75 100
77 1.1 18.3 54.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.443 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026788.D
Acq: 07 Feb 2022 16:38

Tgt Ion: 75 Resp: 41408
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.1 37.0 55.4#





#90
 Hexachloroethane
 Concen: 2.354 ug/l
 RT: 12.610 min Scan# 11
 Delta R.T. 0.068 min
 Lab File: VX026788.D
 Acq: 07 Feb 2022 16:38

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-19R

Tgt Ion:117 Resp: 162
 Ion Ratio Lower Upper
 117 100
 201 0.0 35.6 106.8#

