

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021722\
 Data File : VX027079.D
 Acq On : 17 Feb 2022 15:46
 Operator : JC/MD
 Sample : N1593-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB

Quant Time: Feb 18 03:51:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 07:07:46 2022
 Response via : Initial Calibration

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

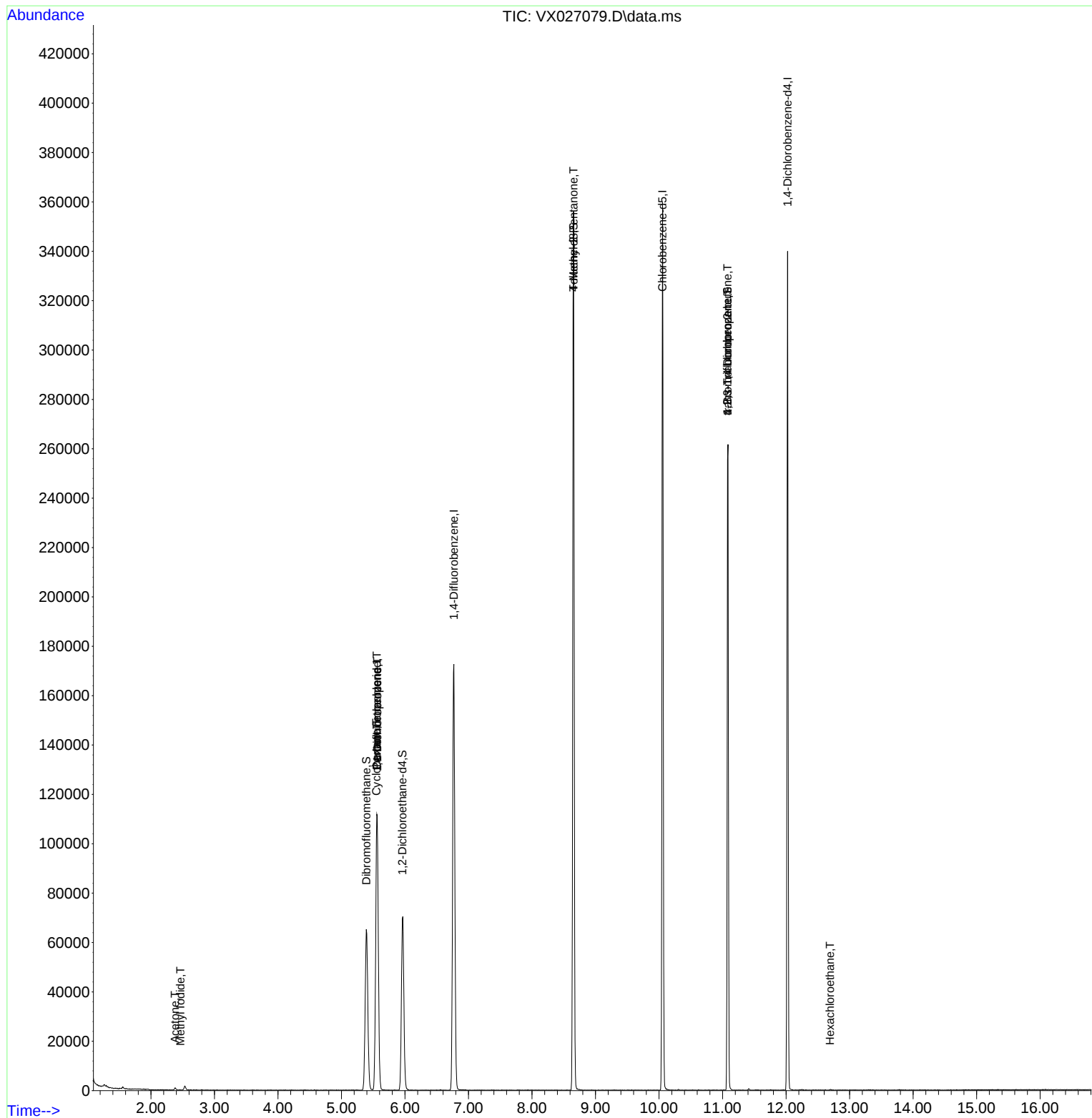
Internal Standards						
1) Pentafluorobenzene	5.556	168	109020	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	181074	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	159900	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	68575	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	68832	52.597	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 105.200%	
35) Dibromofluoromethane	5.391	113	57255	53.073	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.140%	
50) Toluene-d8	8.653	98	208678	52.697	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 105.400%	
62) 4-Bromofluorobenzene	11.079	95	74773	53.632	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 107.260%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.465	142	42	2.280	ug/l #	37
16) Acetone	2.380	43	1009	1.755	ug/l	96
31) Cyclohexane	5.550	56	2145	1.032	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	8228	4.835	ug/l #	49
38) Carbon Tetrachloride	5.556	117	10815	6.060	ug/l #	17
51) 4-Methyl-2-Pentanone	8.653	43	878	0.487	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	36932	24.603	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	36932	75.098	ug/l #	3
90) Hexachloroethane	12.695	117	184	0.280	ug/l #	14

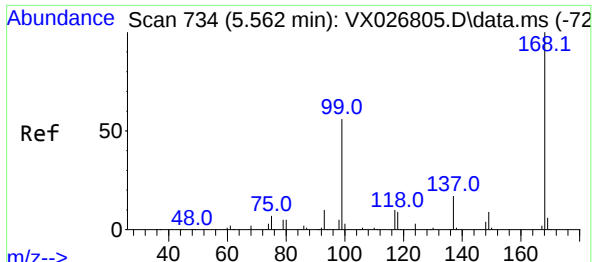
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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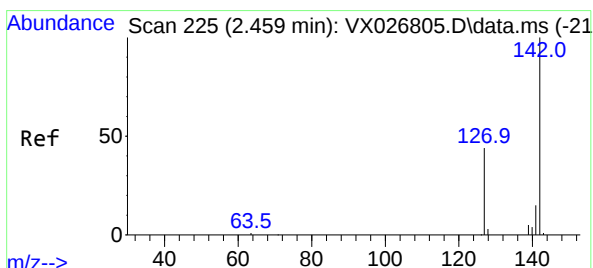
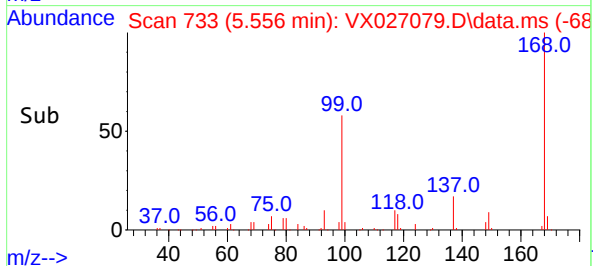
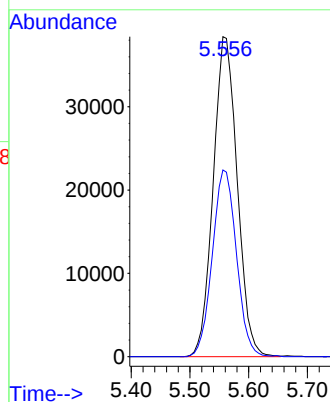
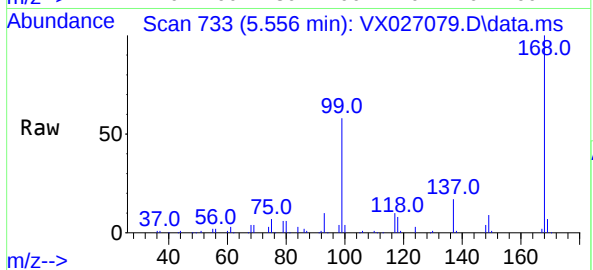




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX027079.D
Acq: 17 Feb 2022 15:46

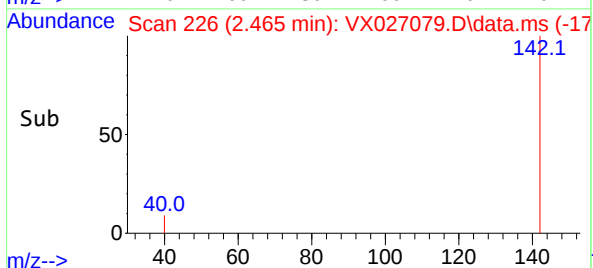
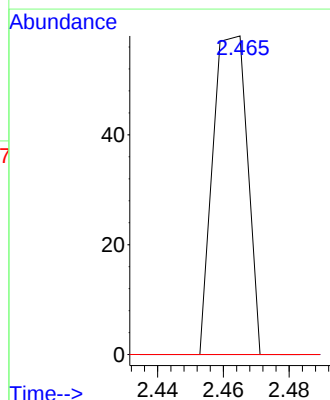
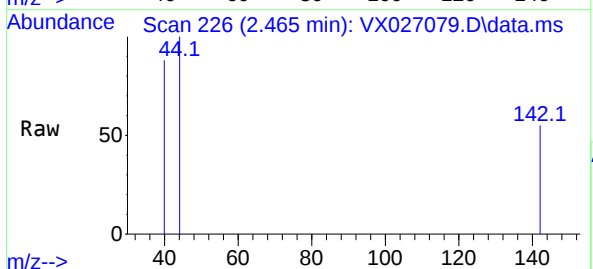
Instrument :
MSVOA_X
ClientSampleId :
TB

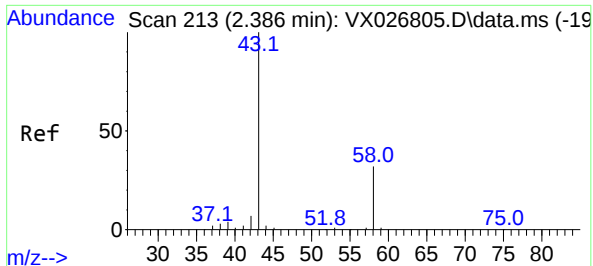
Tgt Ion:168 Resp: 109020
Ion Ratio Lower Upper
168 100
99 58.4 50.3 75.5



#10
Methyl Iodide
Concen: 2.280 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.006 min
Lab File: VX027079.D
Acq: 17 Feb 2022 15:46

Tgt Ion:142 Resp: 42
Ion Ratio Lower Upper
142 100
127 0.0 38.1 57.1#
141 0.0 11.2 16.8#

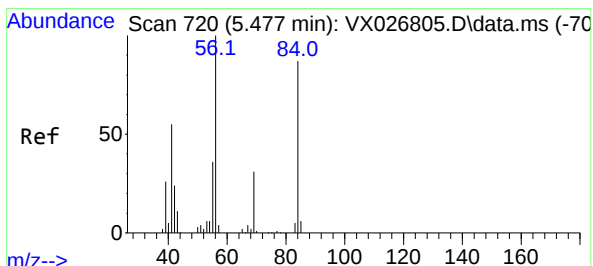
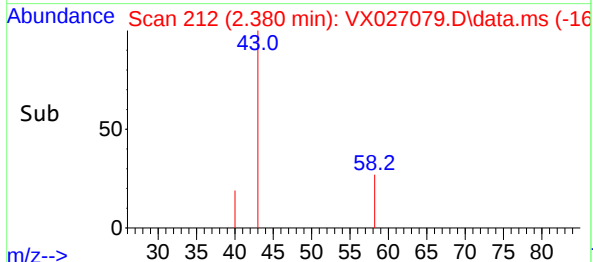
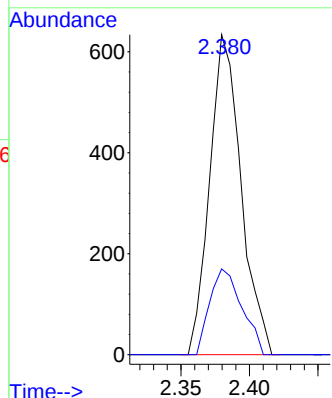
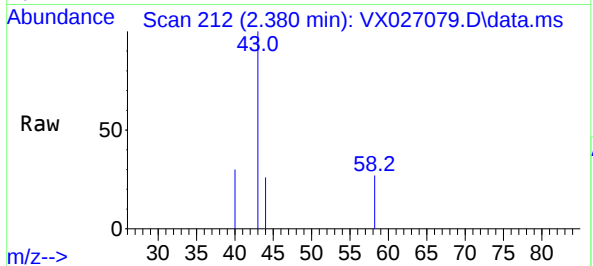




#16
Acetone
Concen: 1.755 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX027079.D
Acq: 17 Feb 2022 15:46

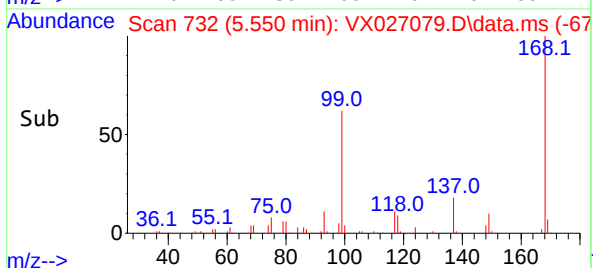
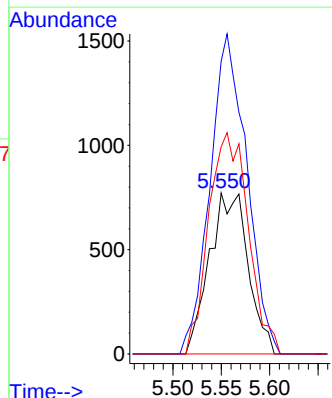
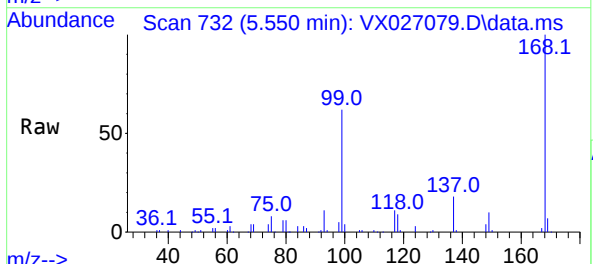
Instrument :
MSVOA_X
ClientSampleId :
TB

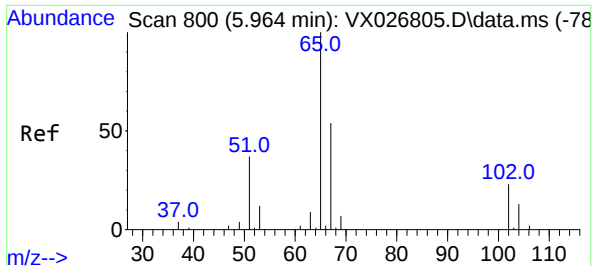
Tgt Ion: 43 Resp: 1009
Ion Ratio Lower Upper
43 100
58 26.8 23.0 34.6



#31
Cyclohexane
Concen: 1.032 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.073 min
Lab File: VX027079.D
Acq: 17 Feb 2022 15:46

Tgt Ion: 56 Resp: 2145
Ion Ratio Lower Upper
56 100
69 181.7 25.8 38.6#
84 128.6 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 52.597 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX027079.D

Acq: 17 Feb 2022 15:46

Instrument :

MSVOA_X

ClientSampleId :

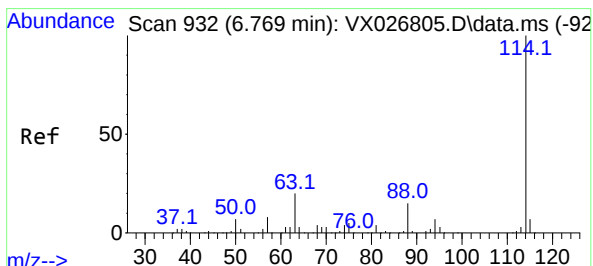
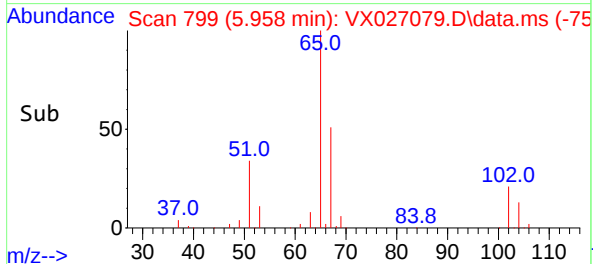
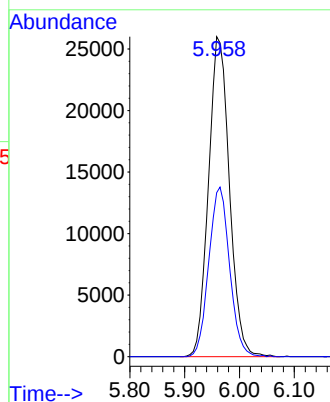
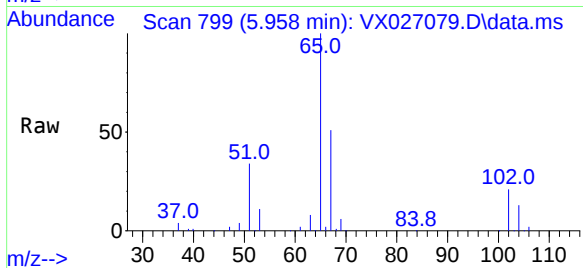
TB

Tgt Ion: 65 Resp: 68832

Ion Ratio Lower Upper

65 100

67 52.7 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX027079.D

Acq: 17 Feb 2022 15:46

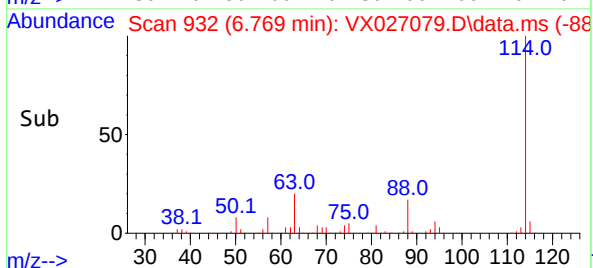
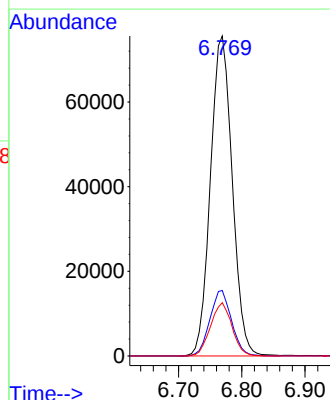
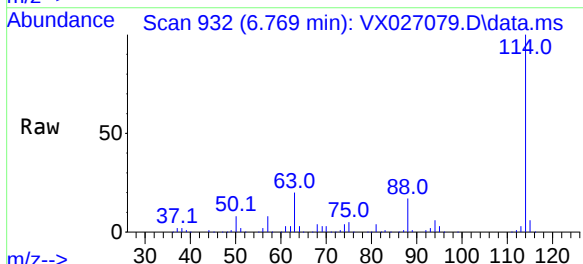
Tgt Ion: 114 Resp: 181074

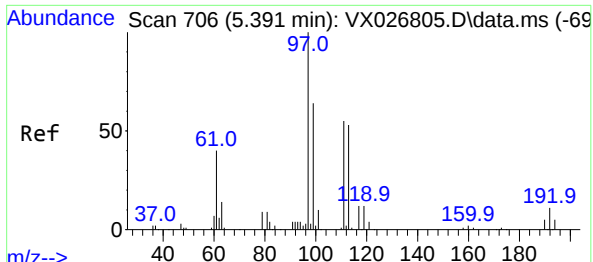
Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.8

88 16.7 0.0 33.0

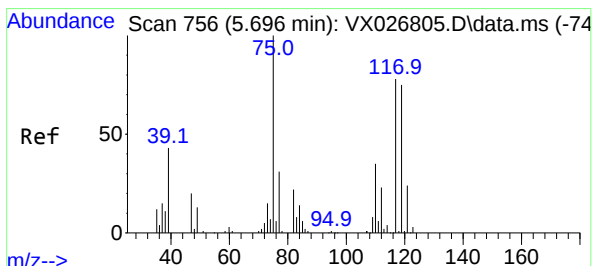
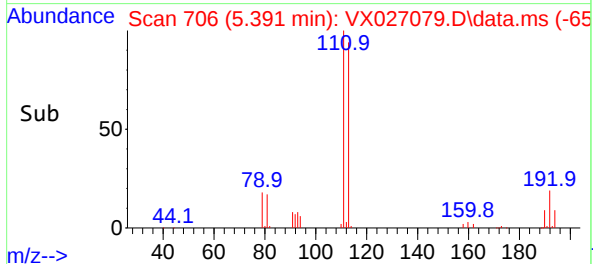
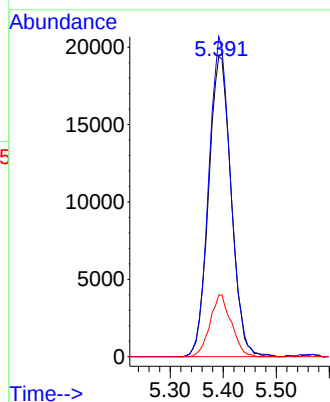
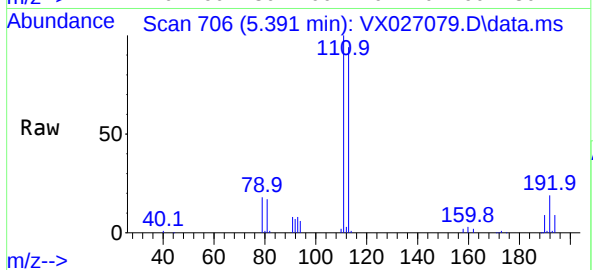




#35
Dibromofluoromethane
Concen: 53.073 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027079.D
Acq: 17 Feb 2022 15:46

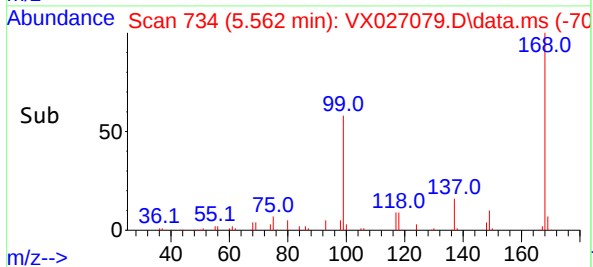
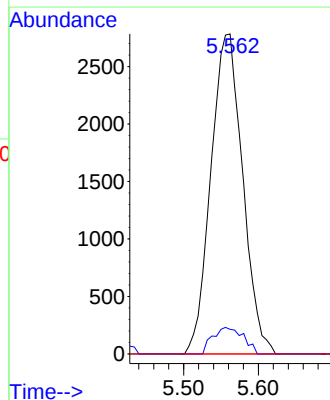
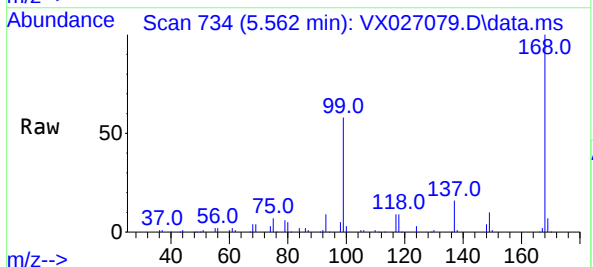
Instrument :
MSVOA_X
ClientSampleId :
TB

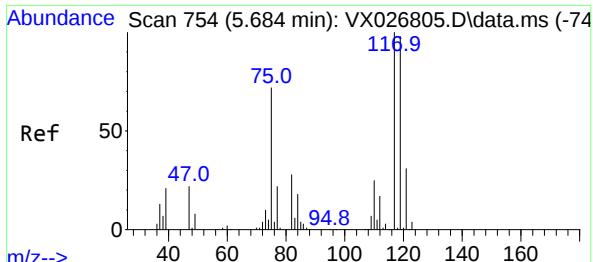
Tgt Ion:113 Resp: 57255
Ion Ratio Lower Upper
113 100
111 103.5 81.2 121.8
192 19.4 15.0 22.4



#36
1,1-Dichloropropene
Concen: 4.835 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.134 min
Lab File: VX027079.D
Acq: 17 Feb 2022 15:46

Tgt Ion: 75 Resp: 8228
Ion Ratio Lower Upper
75 100
110 8.0 17.2 51.6#
77 0.0 24.6 36.8#

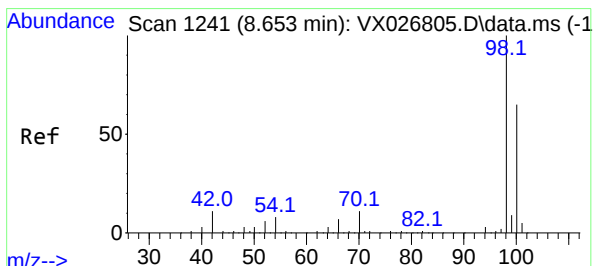
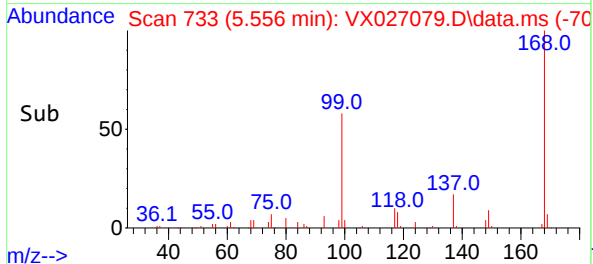
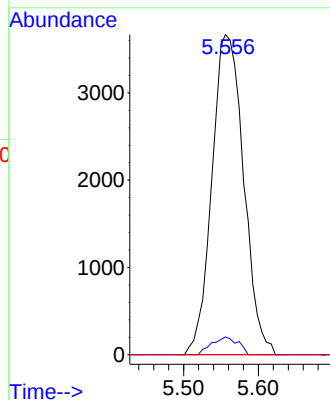
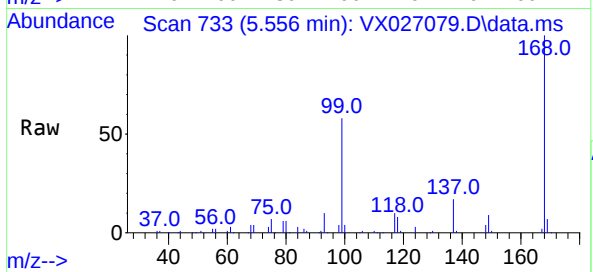




#38
Carbon Tetrachloride
Concen: 6.060 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX027079.D
Acq: 17 Feb 2022 15:46

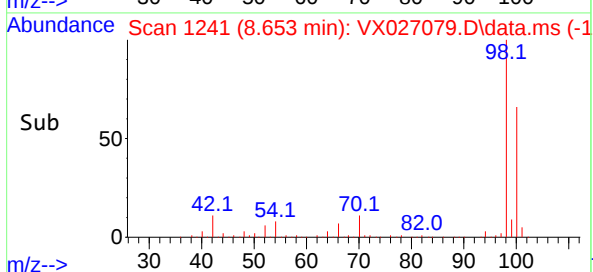
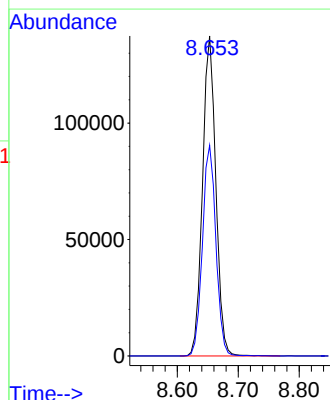
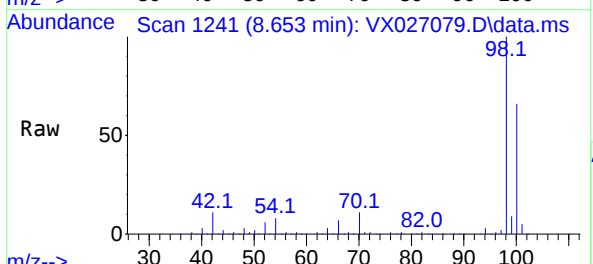
Instrument :
MSVOA_X
ClientSampleId :
TB

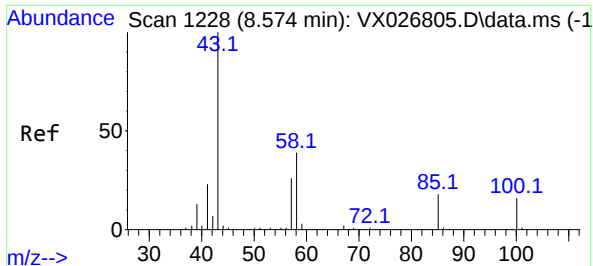
Tgt Ion:117 Resp: 10815
Ion Ratio Lower Upper
117 100
119 5.5 74.7 112.1#
121 0.0 25.4 38.0#



#50
Toluene-d8
Concen: 52.697 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX027079.D
Acq: 17 Feb 2022 15:46

Tgt Ion: 98 Resp: 208678
Ion Ratio Lower Upper
98 100
100 66.7 53.2 79.8





#51

4-Methyl-2-Pentanone

Concen: 0.487 ug/l

RT: 8.653 min Scan# 11

Delta R.T. 0.079 min

Lab File: VX027079.D

Acq: 17 Feb 2022 15:46

Instrument :

MSVOA_X

ClientSampleId :

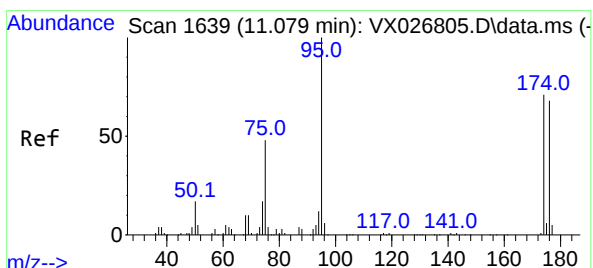
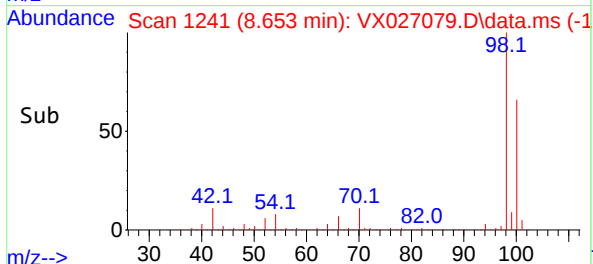
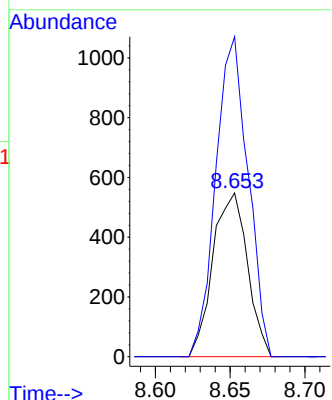
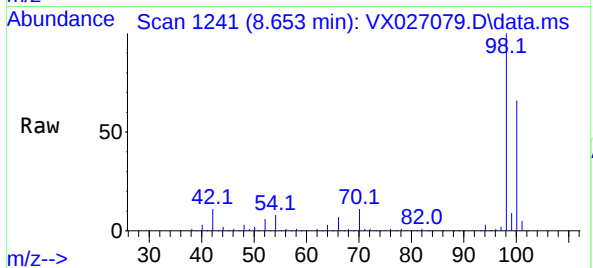
TB

Tgt Ion: 43 Resp: 878

Ion Ratio Lower Upper

43 100

58 183.1 30.5 45.7#



#62

4-Bromofluorobenzene

Concen: 53.632 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX027079.D

Acq: 17 Feb 2022 15:46

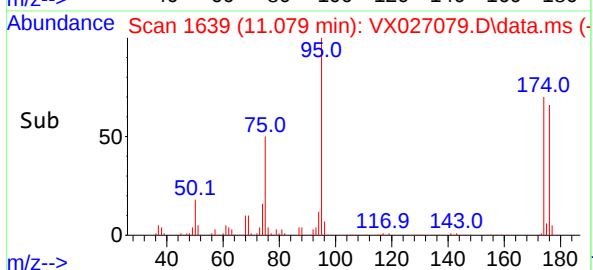
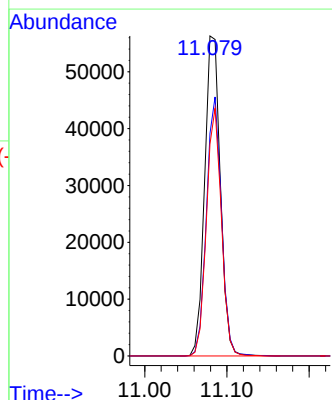
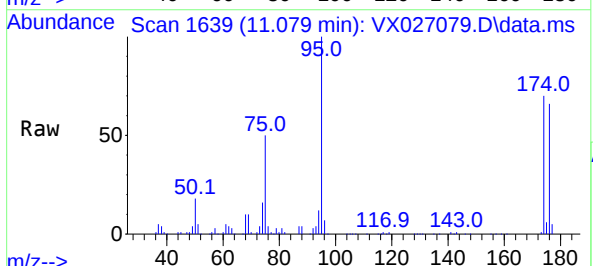
Tgt Ion: 95 Resp: 74773

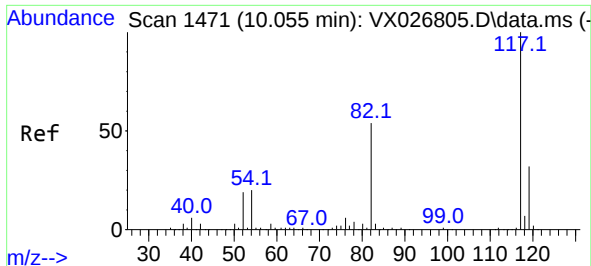
Ion Ratio Lower Upper

95 100

174 77.3 0.0 148.6

176 73.3 0.0 141.4

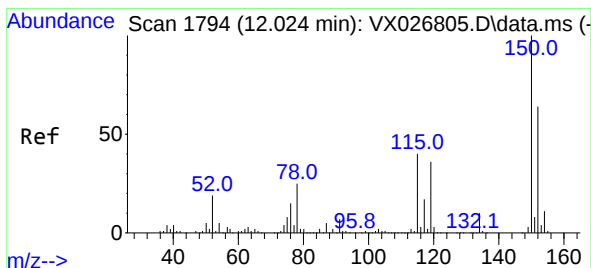
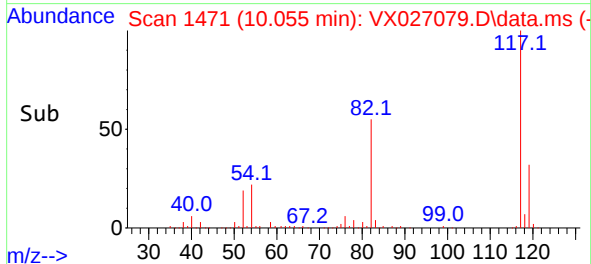
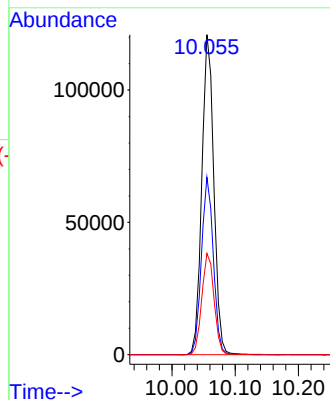
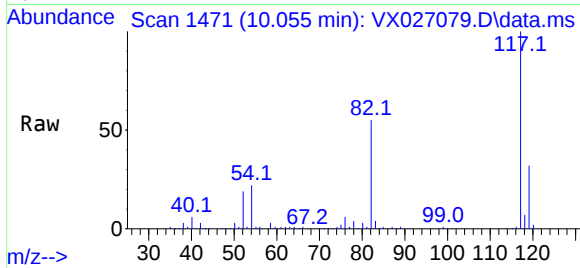




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027079.D
Acq: 17 Feb 2022 15:46

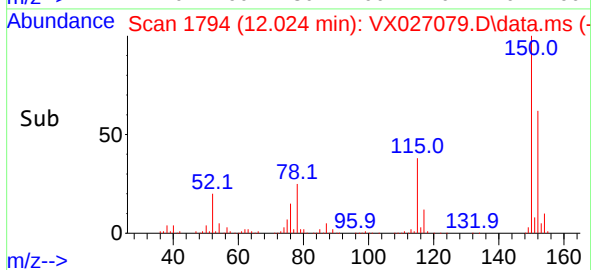
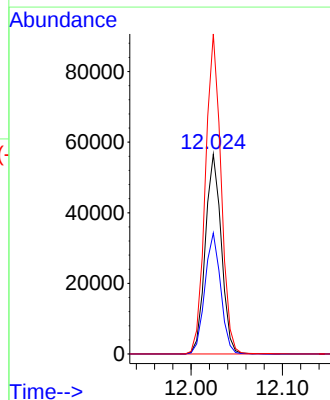
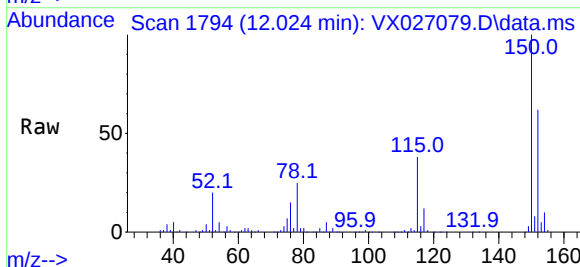
Instrument :
MSVOA_X
ClientSampleId :
TB

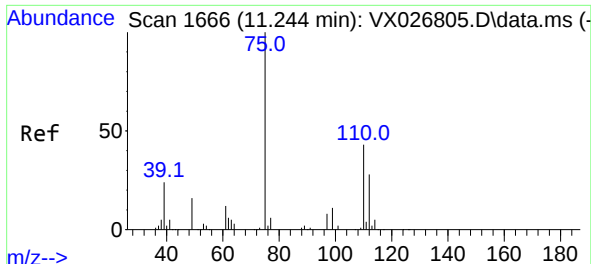
Tgt Ion:117 Resp: 159900
Ion Ratio Lower Upper
117 100
82 55.4 45.2 67.8
119 31.6 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027079.D
Acq: 17 Feb 2022 15:46

Tgt Ion:152 Resp: 68575
Ion Ratio Lower Upper
152 100
115 59.8 44.2 132.6
150 157.3 0.0 348.2

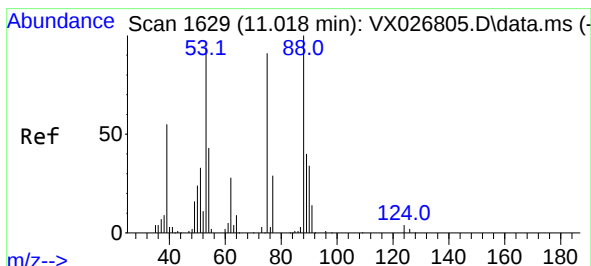
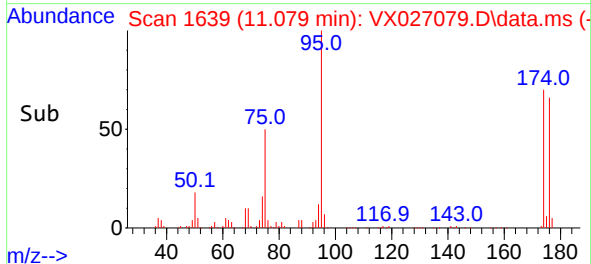
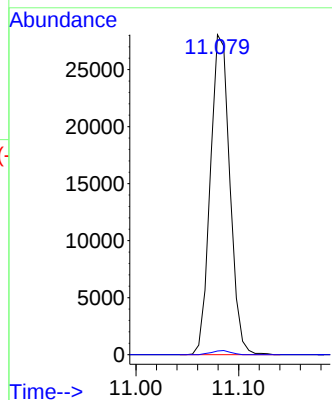
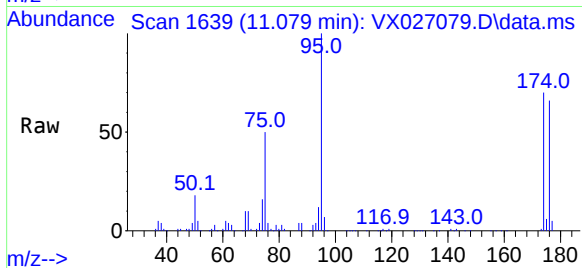




#76
1,2,3-Trichloropropane
Concen: 24.603 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX027079.D
Acq: 17 Feb 2022 15:46

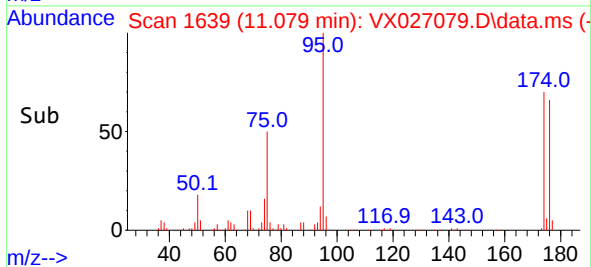
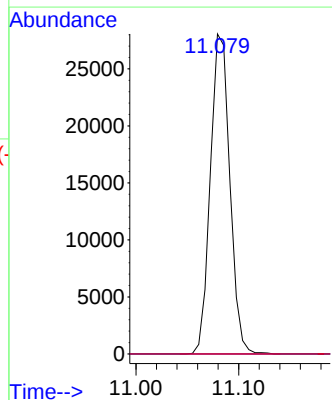
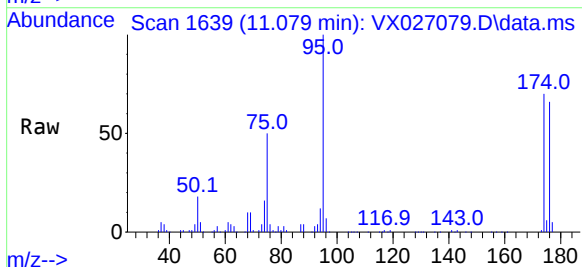
Instrument :
MSVOA_X
ClientSampleId :
TB

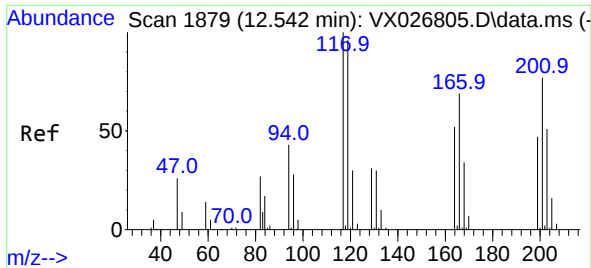
Tgt Ion: 75 Resp: 36932
Ion Ratio Lower Upper
75 100
77 1.2 18.3 54.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.098 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX027079.D
Acq: 17 Feb 2022 15:46

Tgt Ion: 75 Resp: 36932
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#





#90
Hexachloroethane
Concen: 0.280 ug/l
RT: 12.695 min Scan# 1904
Delta R.T. 0.153 min
Lab File: VX027079.D
Acq: 17 Feb 2022 15:46

Instrument :
MSVOA_X
ClientSampleId :
TB

Tgt Ion:117 Resp: 184
Ion Ratio Lower Upper
117 100
201 0.0 35.6 106.8#

