

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062321\
 Data File : VX022859.D
 Acq On : 23 Jun 2021 22:50
 Operator : JC/MD
 Sample : M2803-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW202D-20210619

Quant Time: Jun 24 03:38:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 19:12:26 2021
 Response via : Initial Calibration

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

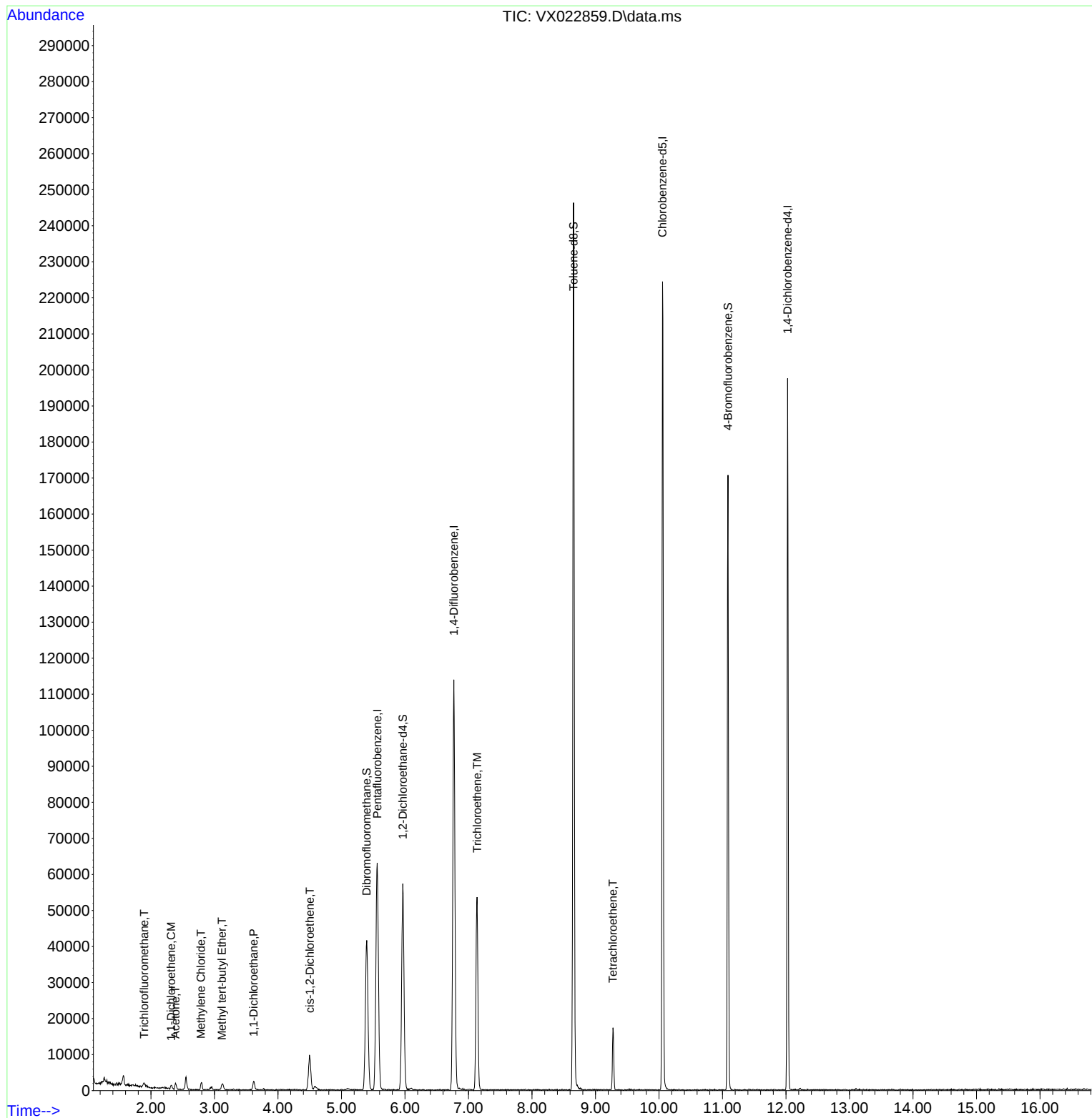
Internal Standards						
1) Pentafluorobenzene	5.562	168	52550	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	107013	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	96925	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	33980	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	50871	53.34	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 106.68%	
35) Dibromofluoromethane	5.398	113	35581	52.36	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.72%	
50) Toluene-d8	8.653	98	136990	51.44	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 102.88%	
62) 4-Bromofluorobenzene	11.086	95	45353	45.63	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 91.26%	
Target Compounds						
						Qvalue
7) Trichlorofluoromethane	1.892	101	781	0.72	ug/l	93
12) 1,1-Dichloroethene	2.319	96	433	0.64	ug/l	# 88
16) Acetone	2.386	43	1869	4.42	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	1975	0.81	ug/l	# 91
20) Methylene Chloride	2.788	84	849	1.38	ug/l	# 79
24) 1,1-Dichloroethane	3.617	63	2637	1.83	ug/l	# 84
27) cis-1,2-Dichloroethene	4.501	96	5429	6.47	ug/l	97
44) Trichloroethene	7.135	130	18415	23.69	ug/l	95
64) Tetrachloroethene	9.275	164	2766	4.06	ug/l	# 84

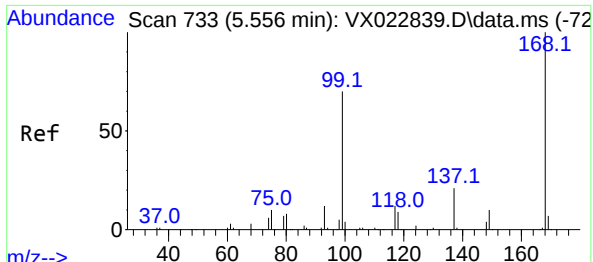
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
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Response via : Initial Calibration

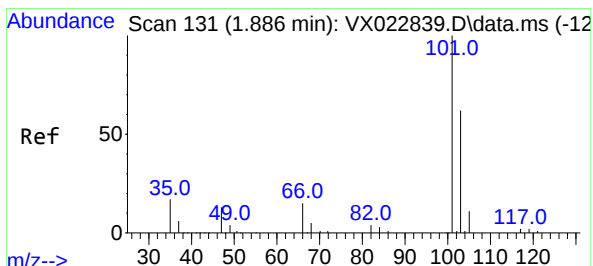
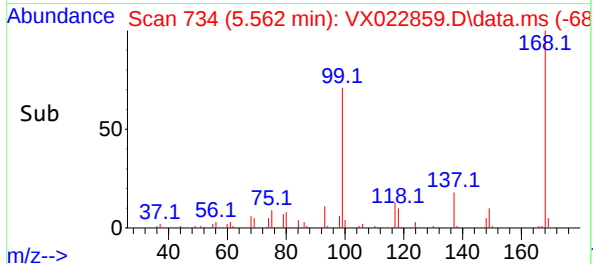
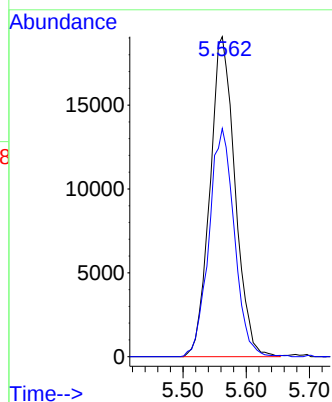
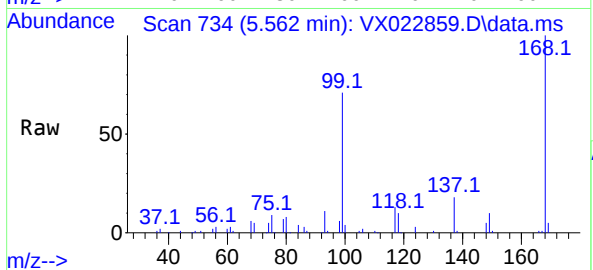




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX022859.D
Acq: 23 Jun 2021 22:50

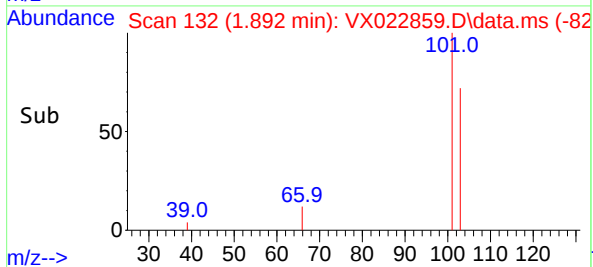
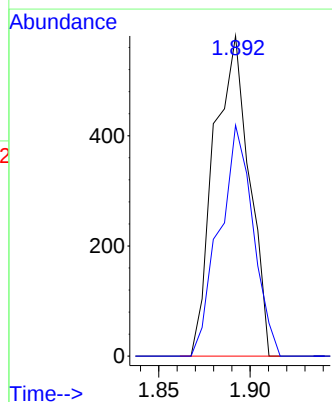
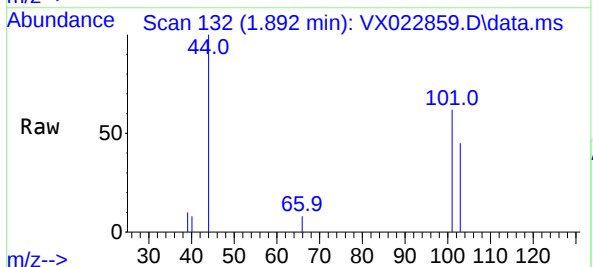
Instrument :
MSVOA_X
ClientSampleId :
MW202D-20210619

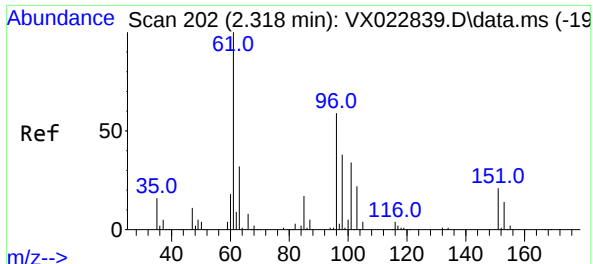
Tgt Ion:168 Resp: 52550
Ion Ratio Lower Upper
168 100
99 71.3 45.8 68.6#



#7
Trichlorofluoromethane
Concen: 0.72 ug/l
RT: 1.892 min Scan# 132
Delta R.T. 0.006 min
Lab File: VX022859.D
Acq: 23 Jun 2021 22:50

Tgt Ion:101 Resp: 781
Ion Ratio Lower Upper
101 100
103 72.1 53.2 79.8

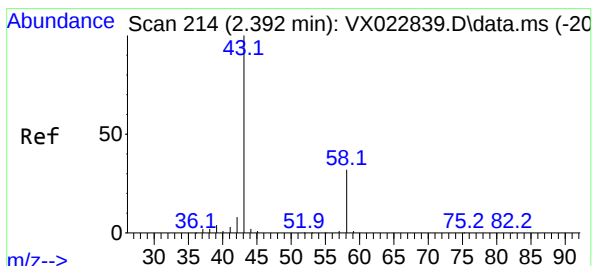
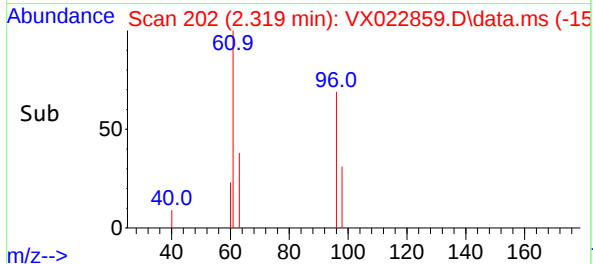
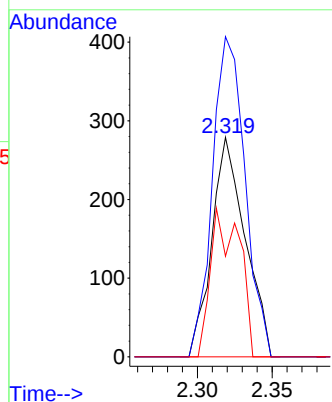
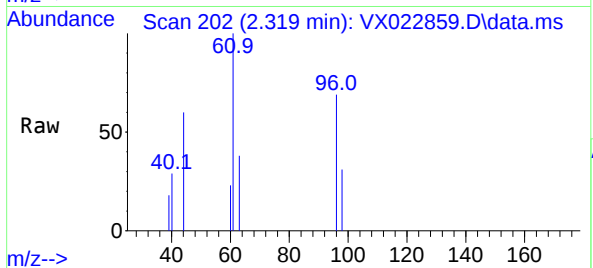




#12
1,1-Dichloroethene
Concen: 0.64 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.001 min
Lab File: VX022859.D
Acq: 23 Jun 2021 22:50

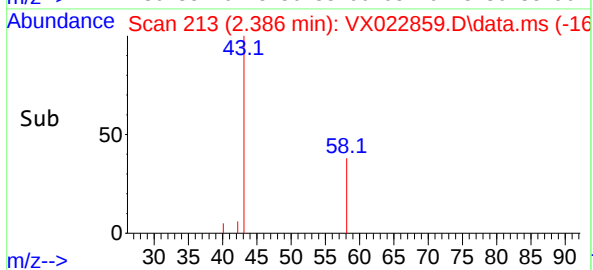
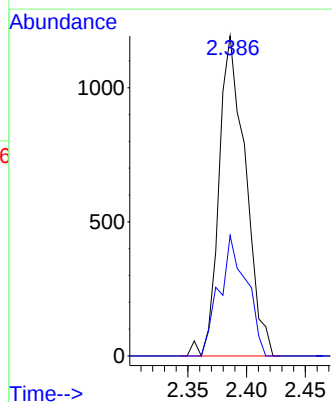
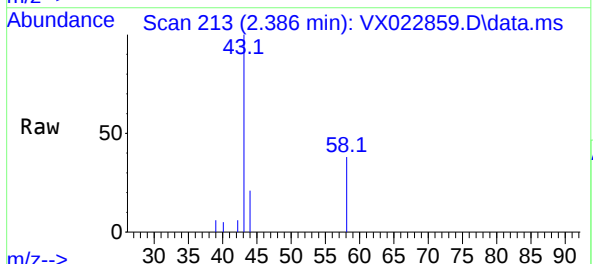
Instrument :
MSVOA_X
ClientSampleId :
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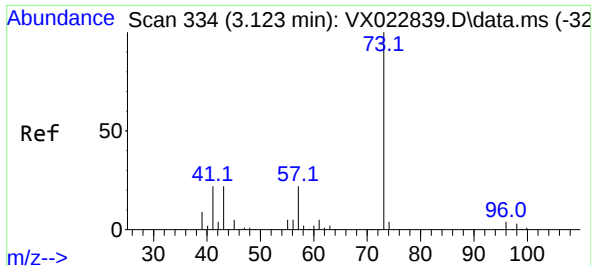
Tgt Ion: 96 Resp: 433
Ion Ratio Lower Upper
96 100
61 145.9 124.6 187.0
98 45.9 50.6 76.0#



#16
Acetone
Concen: 4.42 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022859.D
Acq: 23 Jun 2021 22:50

Tgt Ion: 43 Resp: 1869
Ion Ratio Lower Upper
43 100
58 37.6 27.8 41.8

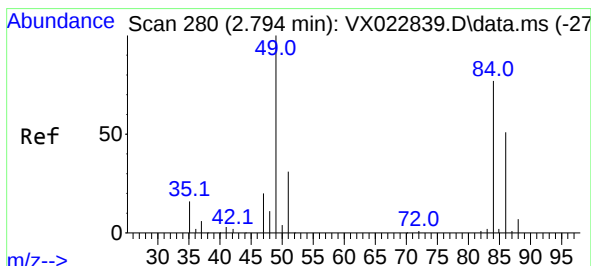
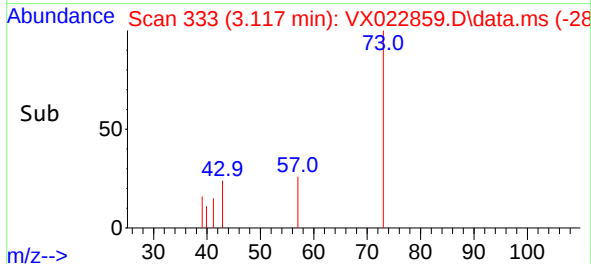
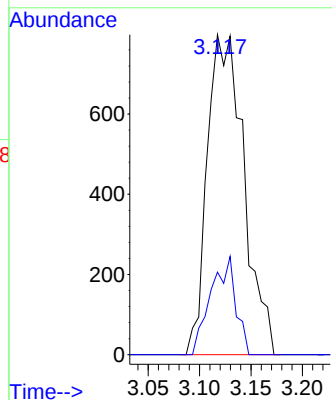
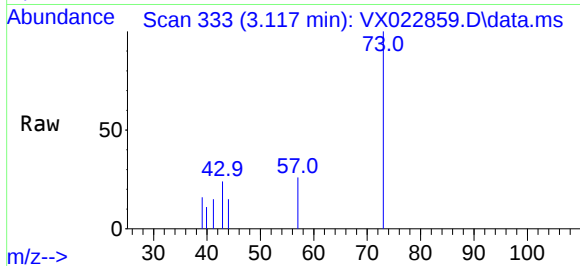




#19
Methyl tert-butyl Ether
Concen: 0.81 ug/l
RT: 3.117 min Scan# 333
Delta R.T. -0.006 min
Lab File: VX022859.D
Acq: 23 Jun 2021 22:50

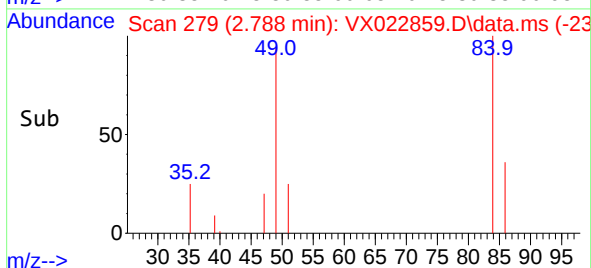
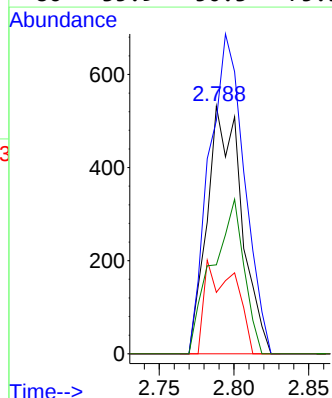
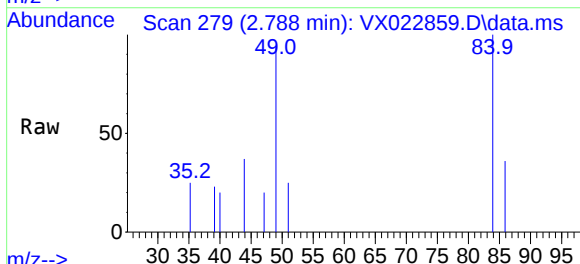
Instrument :
MSVOA_X
ClientSampleId :
MW202D-20210619

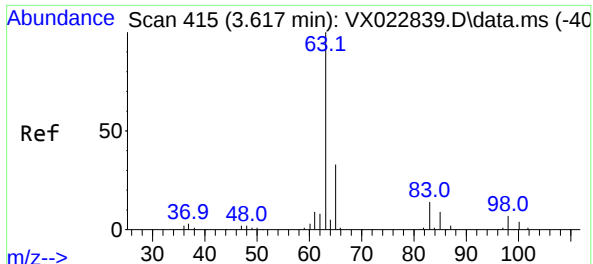
Tgt Ion: 73 Resp: 1975
Ion Ratio Lower Upper
73 100
57 25.8 17.1 25.7#



#20
Methylene Chloride
Concen: 1.38 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX022859.D
Acq: 23 Jun 2021 22:50

Tgt Ion: 84 Resp: 849
Ion Ratio Lower Upper
84 100
49 94.2 88.6 132.8
51 24.8 27.0 40.6#
86 35.9 50.3 75.5#

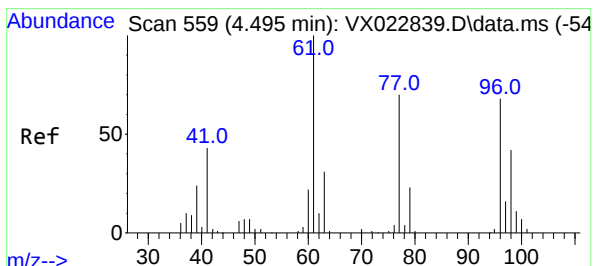
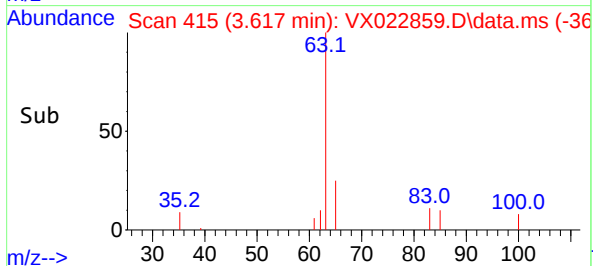
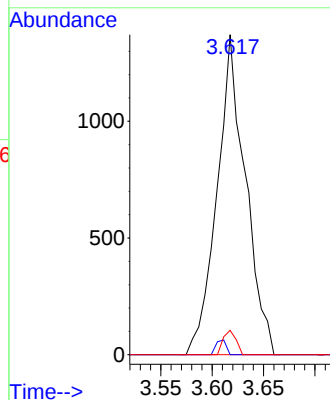
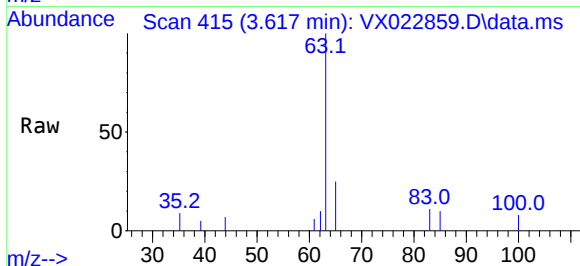




#24
1,1-Dichloroethane
Concen: 1.83 ug/l
RT: 3.617 min Scan# 415
Delta R.T. 0.000 min
Lab File: VX022859.D
Acq: 23 Jun 2021 22:50

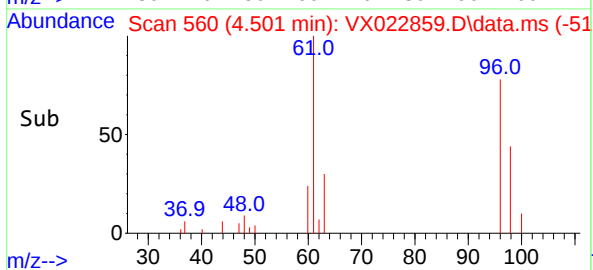
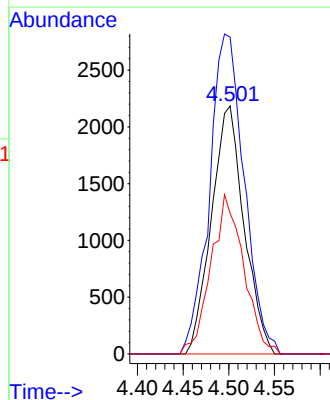
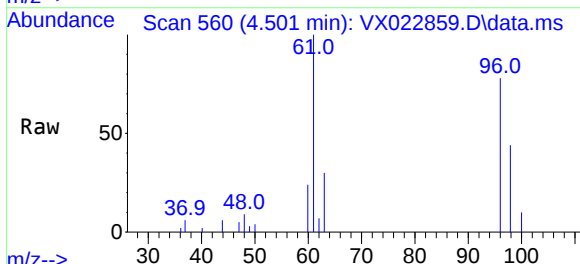
Instrument :
MSVOA_X
ClientSampleId :
MW202D-20210619

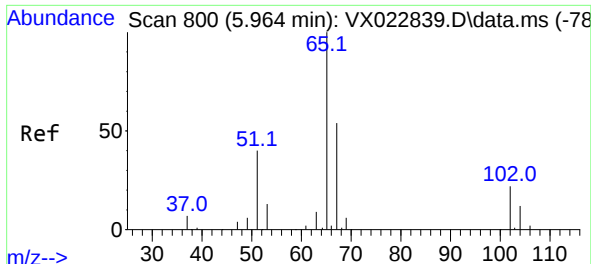
Tgt Ion: 63 Resp: 2637
Ion Ratio Lower Upper
63 100
98 0.0 3.8 11.2#
100 7.6 2.5 7.5#



#27
cis-1,2-Dichloroethene
Concen: 6.47 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.006 min
Lab File: VX022859.D
Acq: 23 Jun 2021 22:50

Tgt Ion: 96 Resp: 5429
Ion Ratio Lower Upper
96 100
61 137.2 0.0 285.6
98 64.6 0.0 129.6



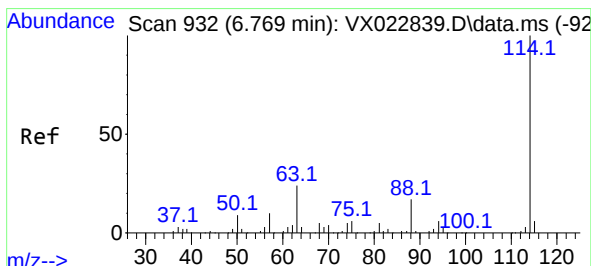
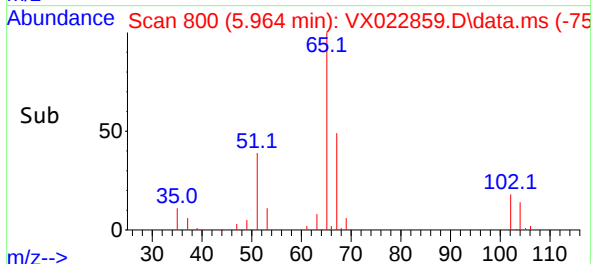
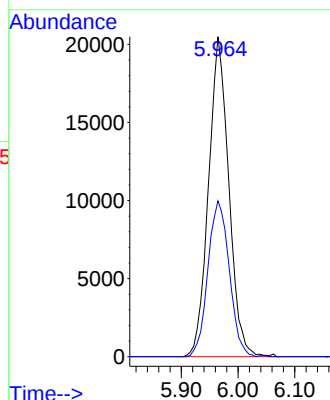
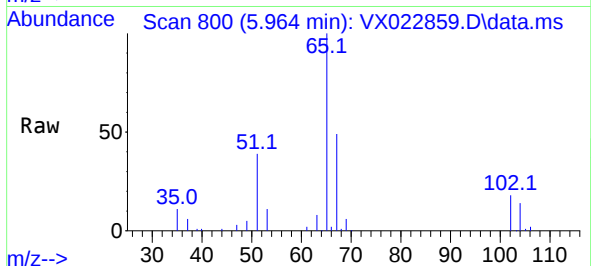


#33

1,2-Dichloroethane-d4
Concen: 53.34 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022859.D
Acq: 23 Jun 2021 22:50

Instrument :
MSVOA_X
ClientSampleId :
MW202D-20210619

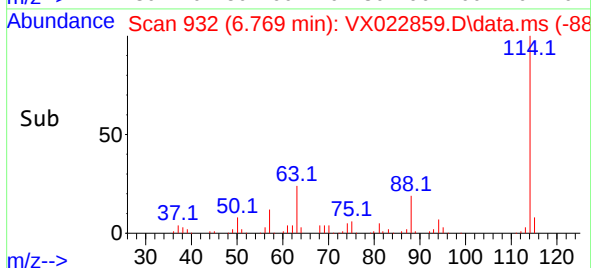
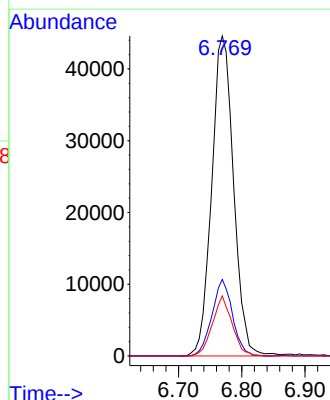
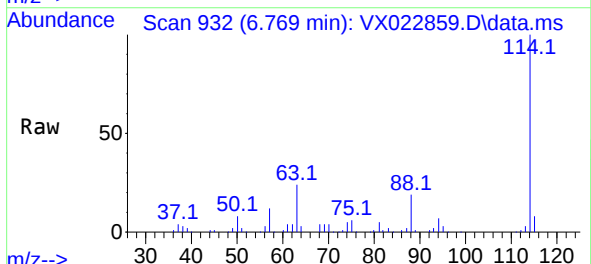
Tgt Ion: 65 Resp: 50871
Ion Ratio Lower Upper
65 100
67 51.3 0.0 105.4

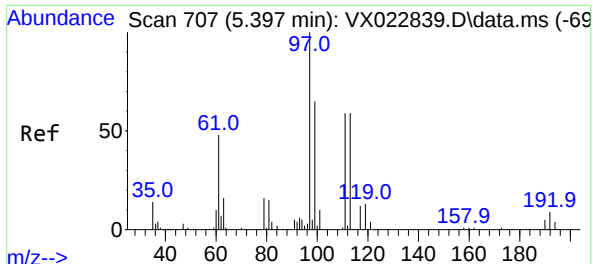


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022859.D
Acq: 23 Jun 2021 22:50

Tgt Ion: 114 Resp: 107013
Ion Ratio Lower Upper
114 100
63 23.9 0.0 40.8
88 18.8 0.0 32.8

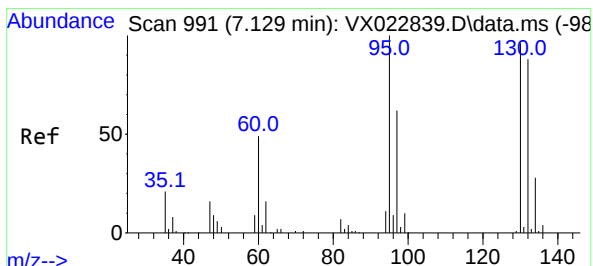
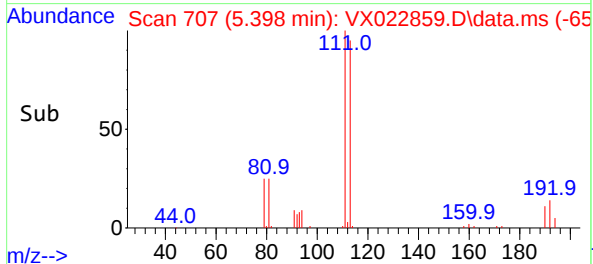
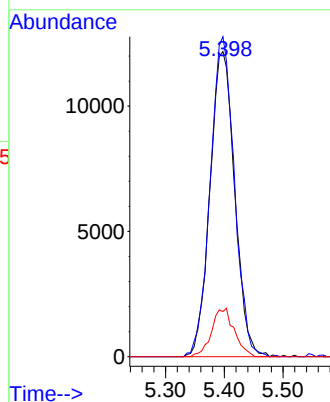
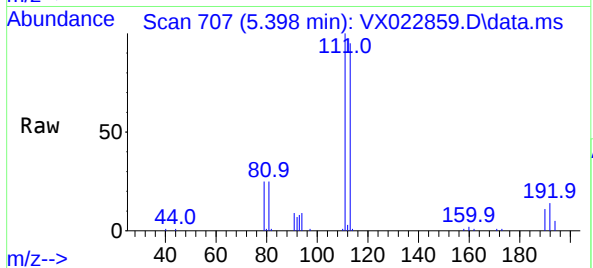




#35
Dibromofluoromethane
Concen: 52.36 ug/l
RT: 5.398 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX022859.D
Acq: 23 Jun 2021 22:50

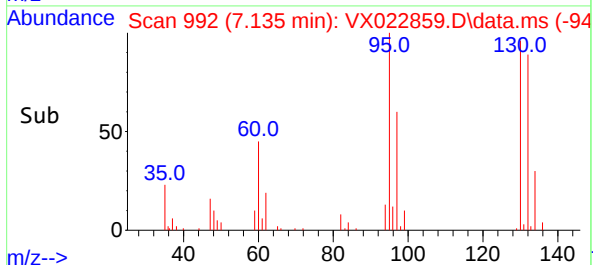
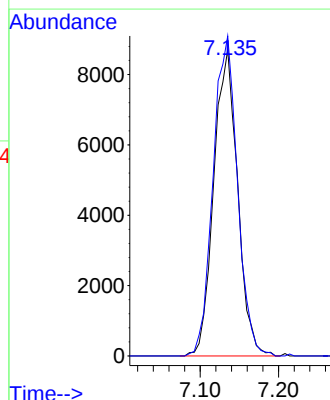
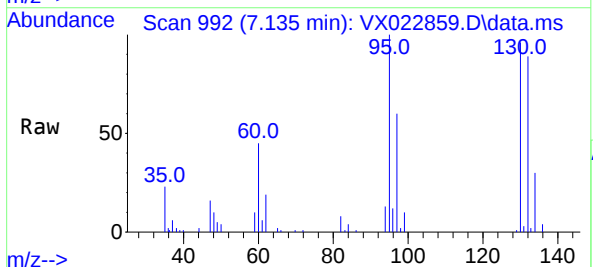
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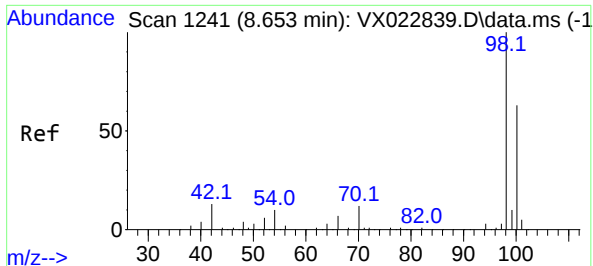
Tgt Ion:113 Resp: 35581
Ion Ratio Lower Upper
113 100
111 102.2 81.9 122.9
192 14.5 16.7 25.1#



#44
Trichloroethene
Concen: 23.69 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX022859.D
Acq: 23 Jun 2021 22:50

Tgt Ion:130 Resp: 18415
Ion Ratio Lower Upper
130 100
95 104.4 0.0 198.0

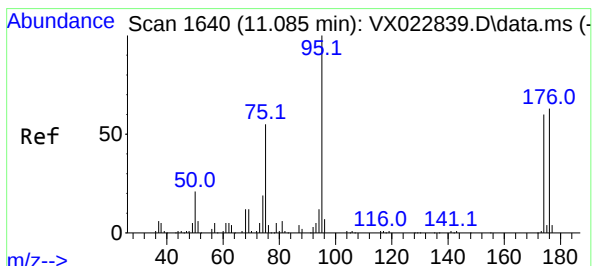
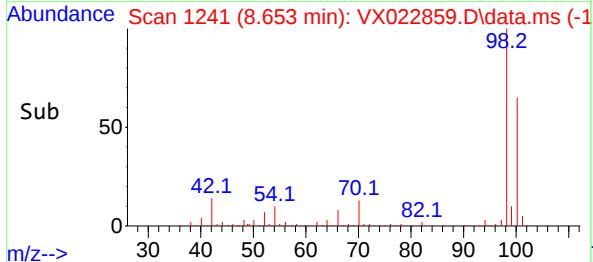
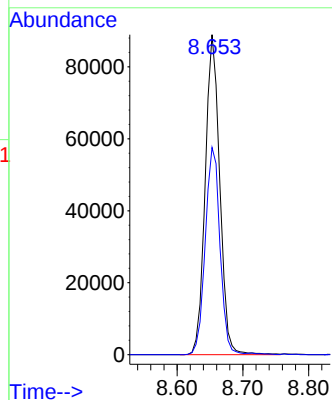
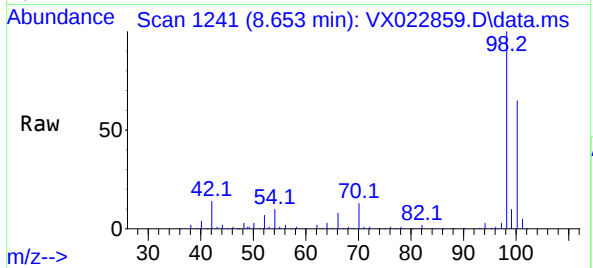




#50
Toluene-d8
Concen: 51.44 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX022859.D
Acq: 23 Jun 2021 22:50

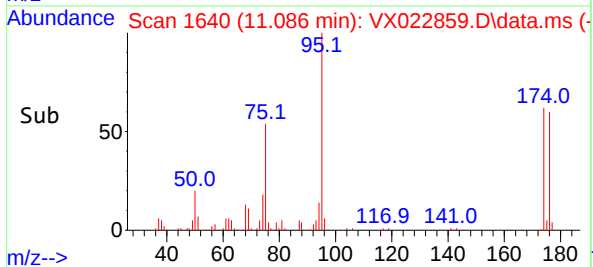
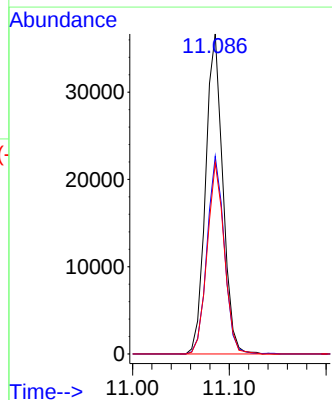
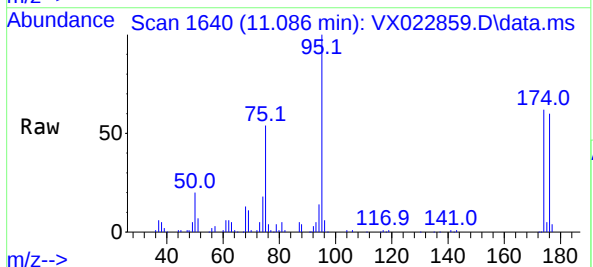
Instrument :
MSVOA_X
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MW202D-20210619

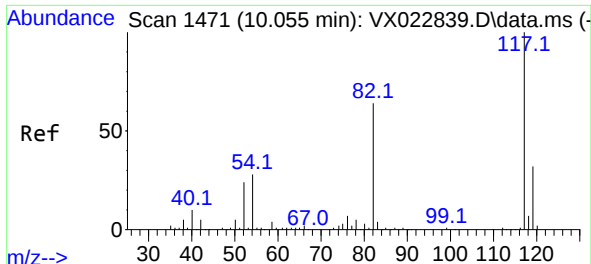
Tgt Ion: 98 Resp: 136990
Ion Ratio Lower Upper
98 100
100 65.9 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 45.63 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022859.D
Acq: 23 Jun 2021 22:50

Tgt Ion: 95 Resp: 45353
Ion Ratio Lower Upper
95 100
174 61.8 0.0 154.6
176 59.6 0.0 155.8

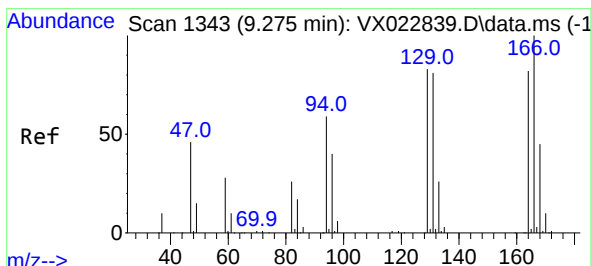
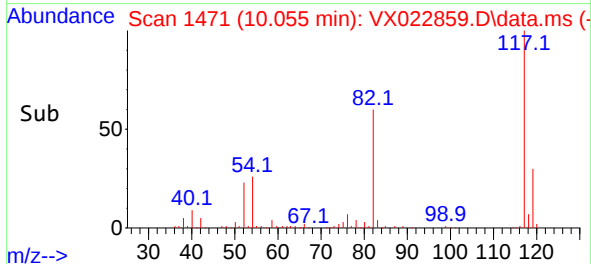
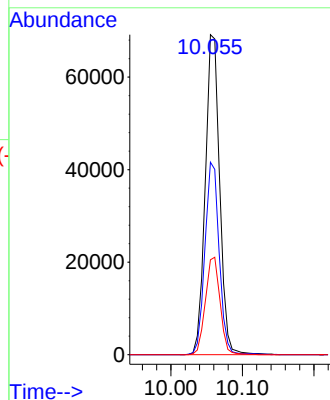
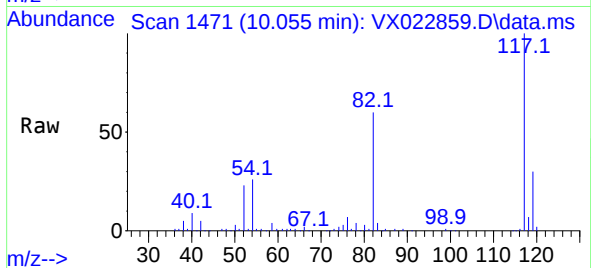




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022859.D
Acq: 23 Jun 2021 22:50

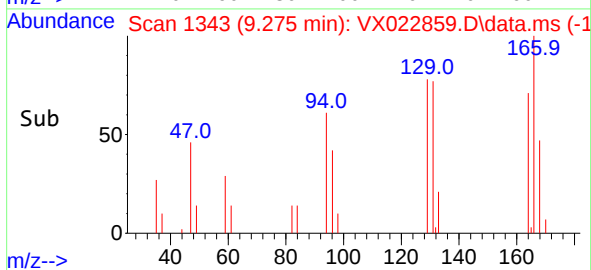
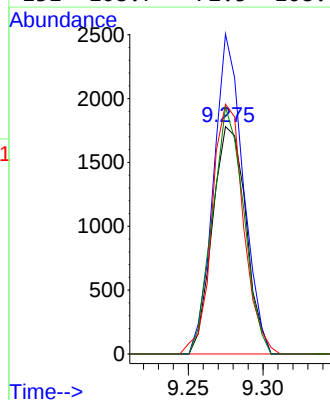
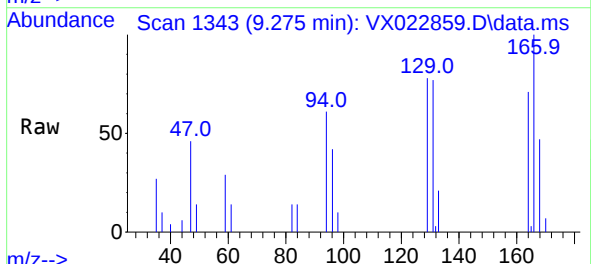
Instrument :
MSVOA_X
ClientSampleId :
MW202D-20210619

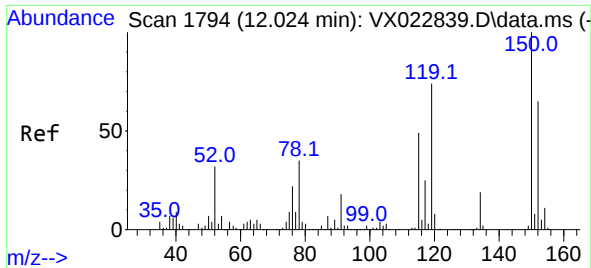
Tgt Ion:117 Resp: 96925
Ion Ratio Lower Upper
117 100
82 60.1 47.4 71.2
119 29.7 26.6 39.8



#64
Tetrachloroethene
Concen: 4.06 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX022859.D
Acq: 23 Jun 2021 22:50

Tgt Ion:164 Resp: 2766
Ion Ratio Lower Upper
164 100
166 140.8 103.4 155.2
129 109.9 70.8 106.2#
131 108.7 72.5 108.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX022859.D
 Acq: 23 Jun 2021 22:50

Instrument :
 MSVOA_X
 ClientSampleId :
 MW202D-20210619

Tgt Ion:152 Resp: 33980
 Ion Ratio Lower Upper
 152 100
 115 67.8 41.1 123.3
 150 163.1 0.0 349.0

