

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062421\
 Data File : VX022876.D
 Acq On : 24 Jun 2021 18:32
 Operator : JC/MD
 Sample : M2803-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW202D1-20210619

Quant Time: Jun 25 05:39:32 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)

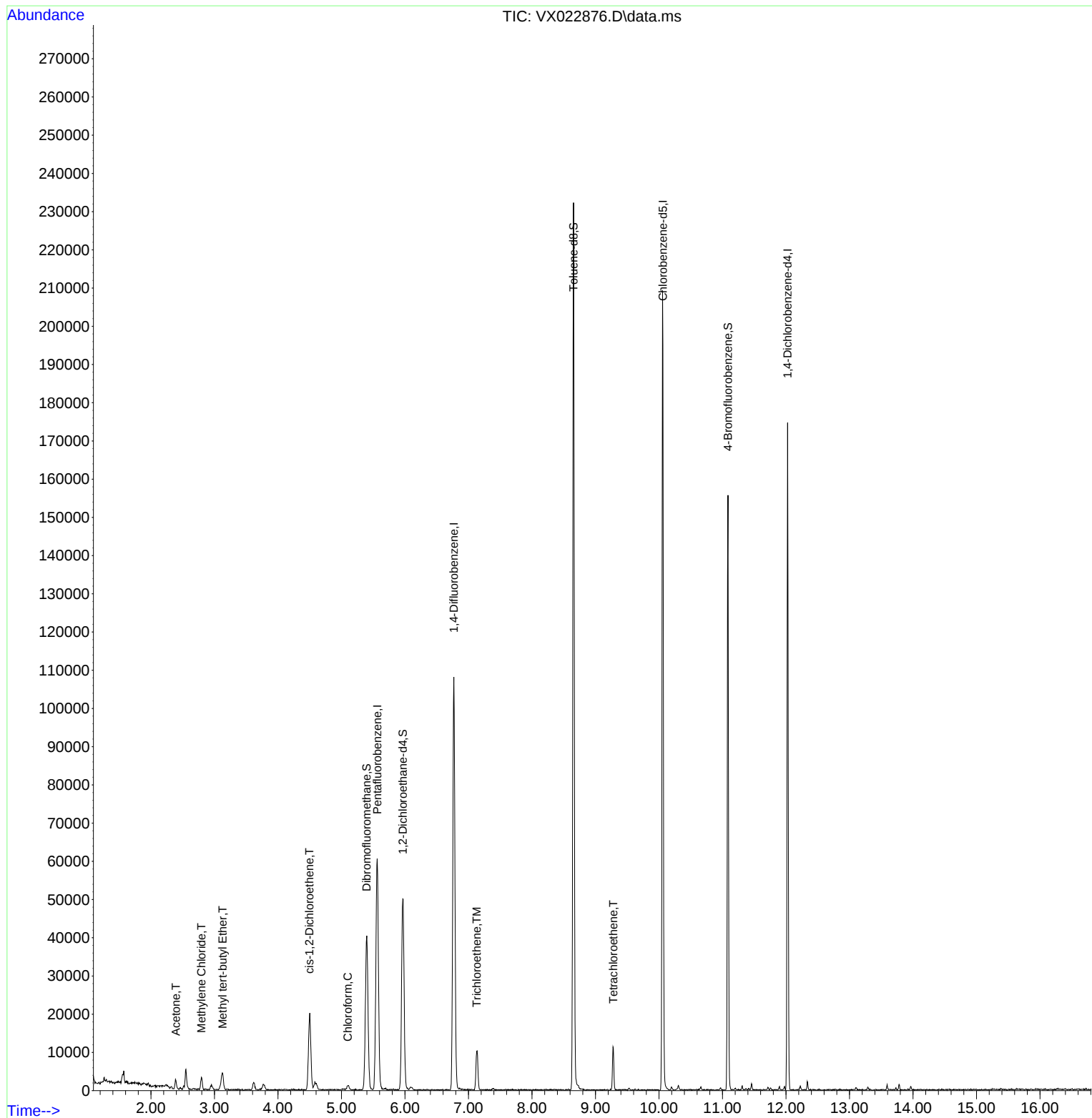
Internal Standards						
1) Pentafluorobenzene	5.562	168	50344	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	102677	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	90099	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	30572	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	48119	52.667	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 105.340%		
35) Dibromofluoromethane	5.397	113	34782	53.345	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 106.680%		
50) Toluene-d8	8.653	98	128756	50.386	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 100.780%		
62) 4-Bromofluorobenzene	11.085	95	40709	42.685	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 85.380%		
Target Compounds						Qvalue
16) Acetone	2.392	43	2475	6.110	ug/l	# 79
19) Methyl tert-butyl Ether	3.130	73	4958	2.117	ug/l	# 86
20) Methylene Chloride	2.794	84	1356	2.048	ug/l	# 75
27) cis-1,2-Dichloroethene	4.495	96	11249	13.989	ug/l	99
30) Chloroform	5.099	83	1362	0.982	ug/l	96
44) Trichloroethene	7.129	130	3741	5.016	ug/l	92
64) Tetrachloroethene	9.281	164	1787	2.822	ug/l	# 79

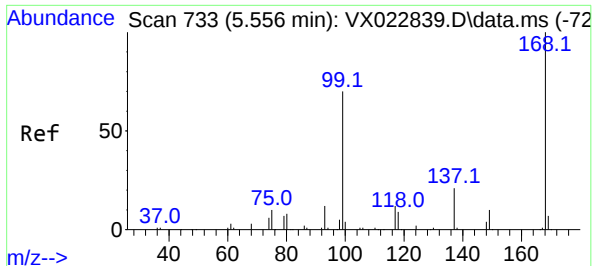
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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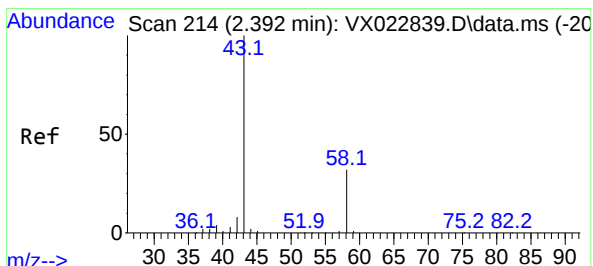
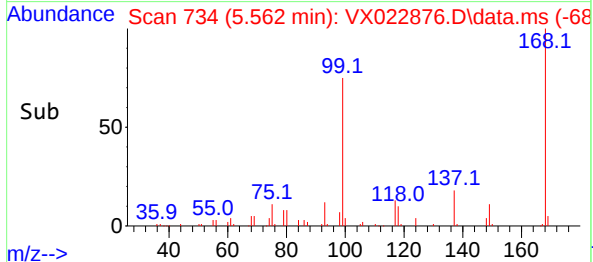
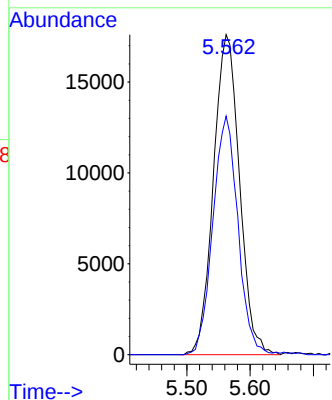
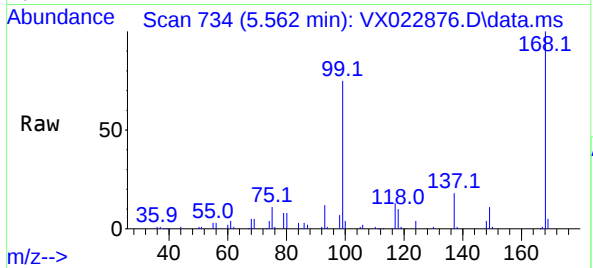




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX022876.D
Acq: 24 Jun 2021 18:32

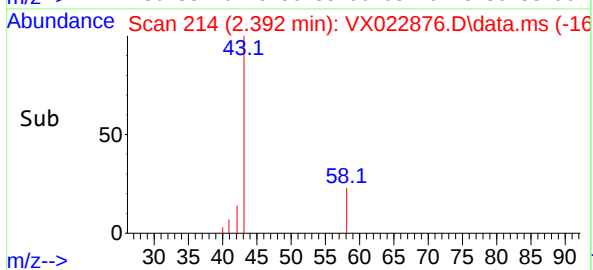
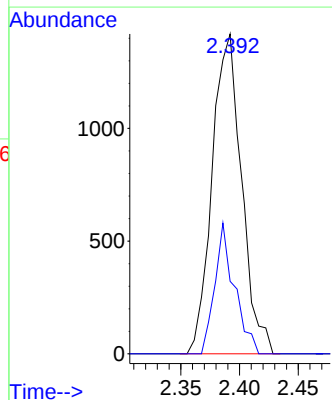
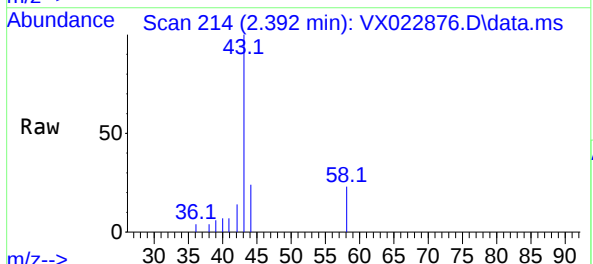
Instrument :
MSVOA_X
ClientSampleId :
MW202D1-20210619

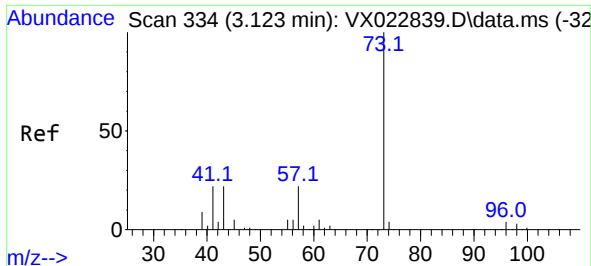
Tgt Ion:168 Resp: 50344
Ion Ratio Lower Upper
168 100
99 74.6 45.8 68.6#



#16
Acetone
Concen: 6.110 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX022876.D
Acq: 24 Jun 2021 18:32

Tgt Ion: 43 Resp: 2475
Ion Ratio Lower Upper
43 100
58 22.7 27.8 41.8#

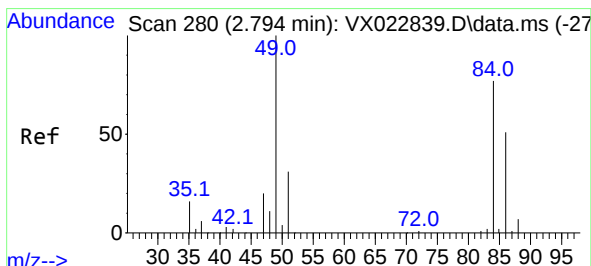
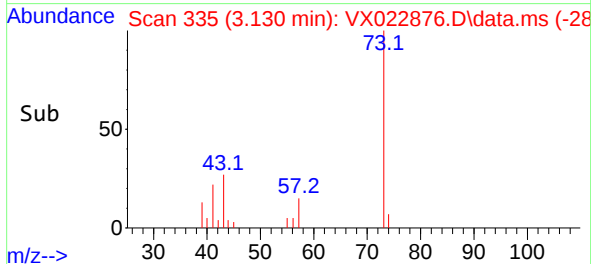
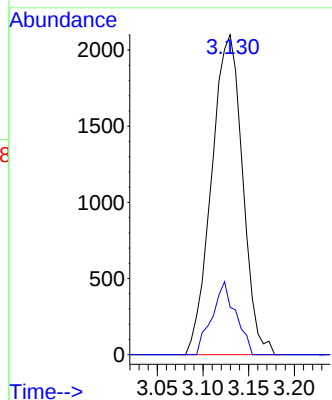
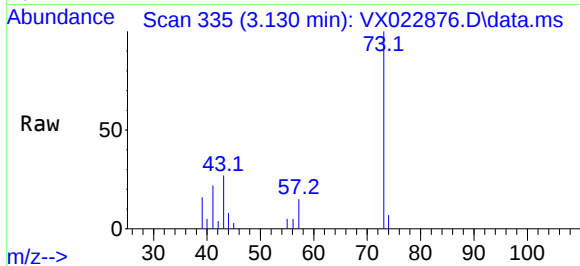




#19
Methyl tert-butyl Ether
Concen: 2.117 ug/l
RT: 3.130 min Scan# 335
Delta R.T. 0.007 min
Lab File: VX022876.D
Acq: 24 Jun 2021 18:32

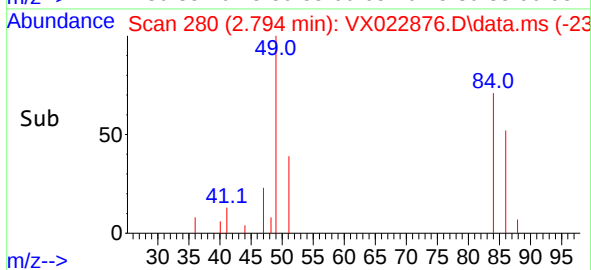
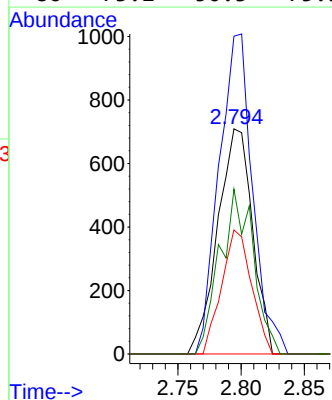
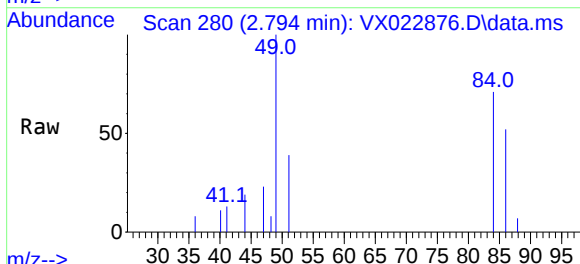
Instrument :
MSVOA_X
ClientSampleId :
MW202D1-20210619

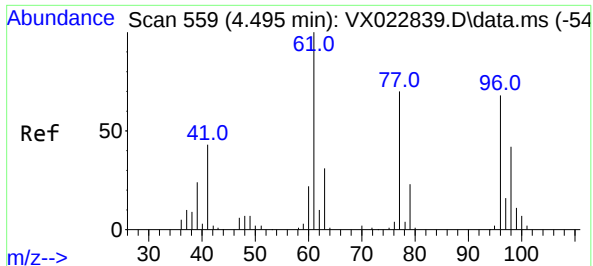
Tgt Ion: 73 Resp: 4958
Ion Ratio Lower Upper
73 100
57 14.9 17.1 25.7#



#20
Methylene Chloride
Concen: 2.048 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022876.D
Acq: 24 Jun 2021 18:32

Tgt Ion: 84 Resp: 1356
Ion Ratio Lower Upper
84 100
49 141.2 88.6 132.8#
51 55.1 27.0 40.6#
86 73.2 50.3 75.5





#27

cis-1,2-Dichloroethene

Concen: 13.989 ug/l

RT: 4.495 min Scan# 559

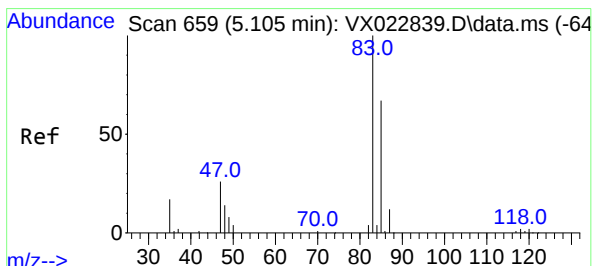
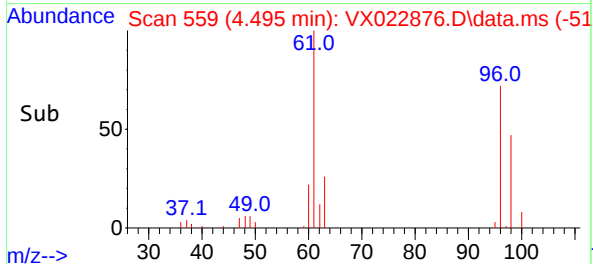
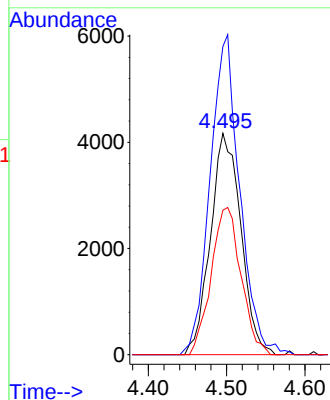
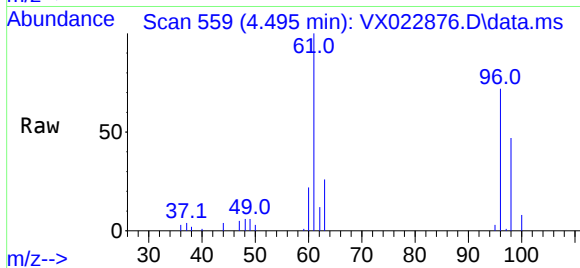
Delta R.T. 0.000 min

Lab File: VX022876.D

Acq: 24 Jun 2021 18:32

Tgt Ion: 96 Resp: 11249

Ion	Ratio	Lower	Upper
96	100		
61	140.8	0.0	285.6
98	65.3	0.0	129.6



#30

Chloroform

Concen: 0.982 ug/l

RT: 5.099 min Scan# 658

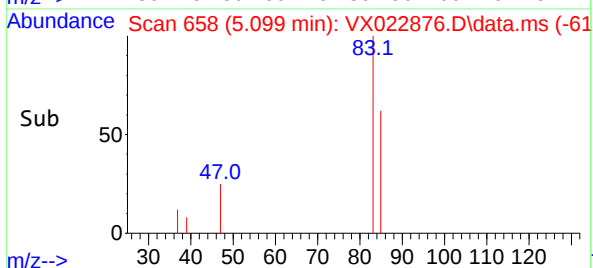
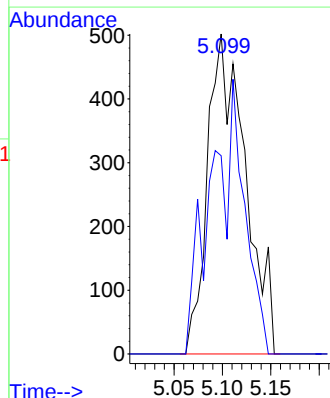
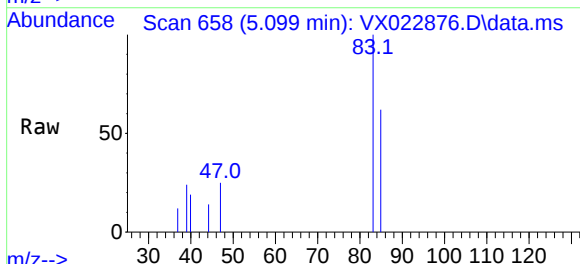
Delta R.T. -0.006 min

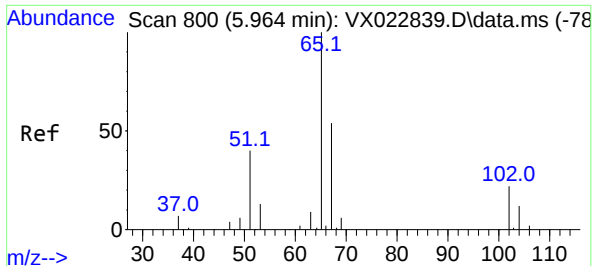
Lab File: VX022876.D

Acq: 24 Jun 2021 18:32

Tgt Ion: 83 Resp: 1362

Ion	Ratio	Lower	Upper
83	100		
85	62.0	52.0	78.0



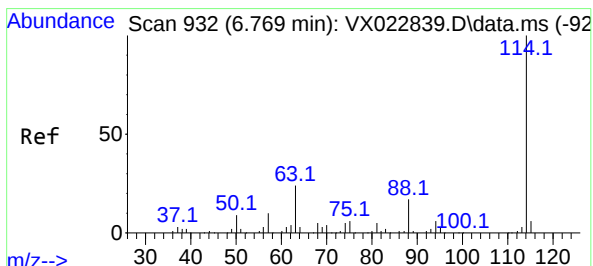
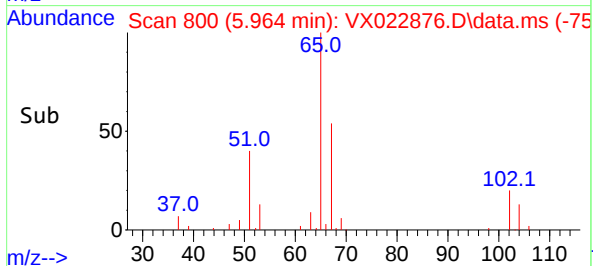
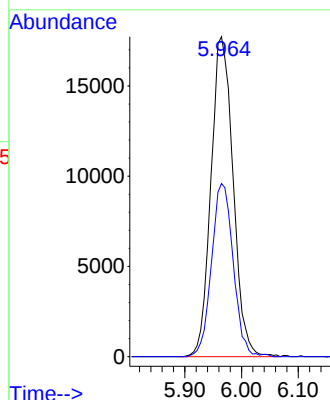
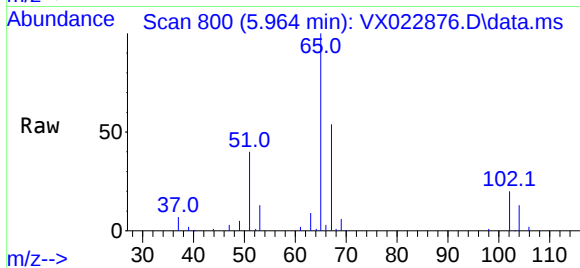


#33

1,2-Dichloroethane-d4
Concen: 52.667 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022876.D
Acq: 24 Jun 2021 18:32

Instrument :
MSVOA_X
ClientSampleId :
MW202D1-20210619

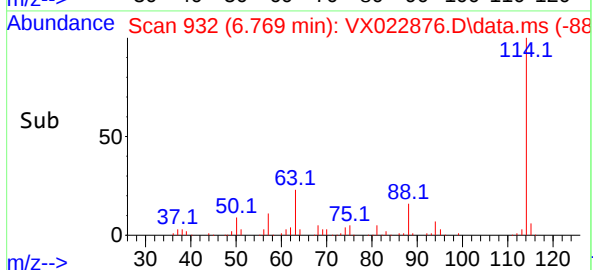
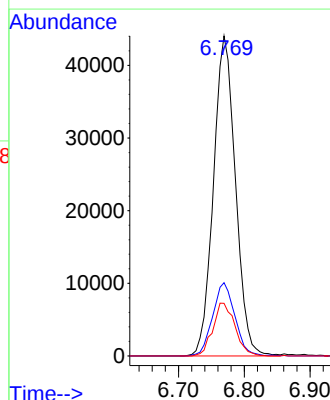
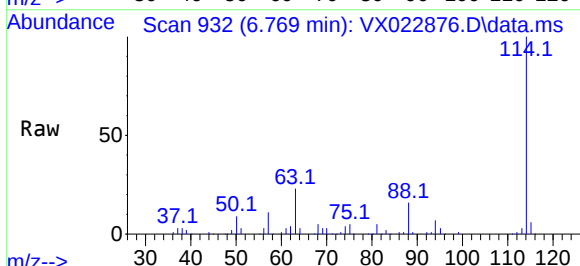
Tgt Ion: 65 Resp: 48119
Ion Ratio Lower Upper
65 100
67 53.0 0.0 105.4

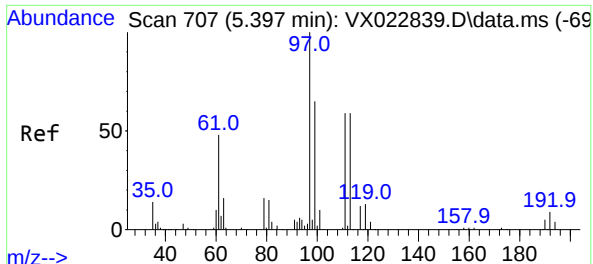


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022876.D
Acq: 24 Jun 2021 18:32

Tgt Ion: 114 Resp: 102677
Ion Ratio Lower Upper
114 100
63 22.9 0.0 40.8
88 16.5 0.0 32.8





#35

Dibromofluoromethane

Concen: 53.345 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX022876.D

Acq: 24 Jun 2021 18:32

Instrument :

MSVOA_X

ClientSampleId :

MW202D1-20210619

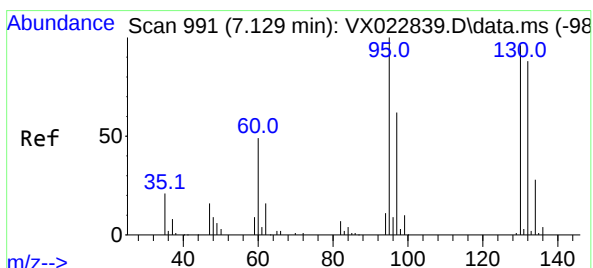
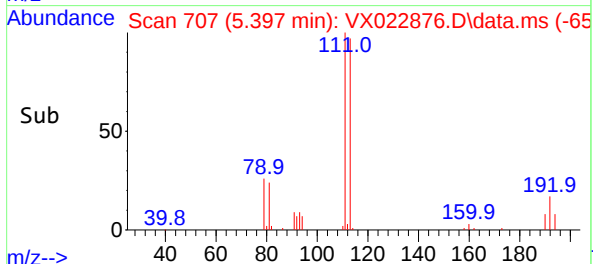
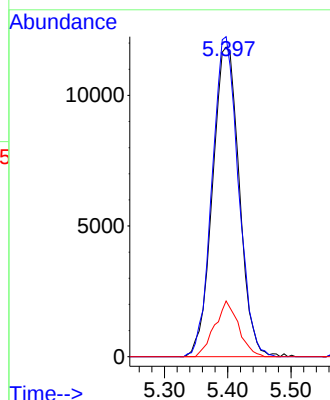
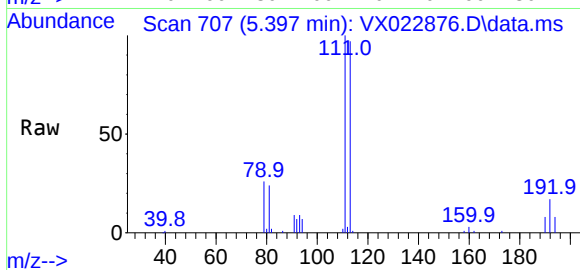
Tgt Ion:113 Resp: 34782

Ion Ratio Lower Upper

113 100

111 101.4 81.9 122.9

192 16.1 16.7 25.1#



#44

Trichloroethene

Concen: 5.016 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX022876.D

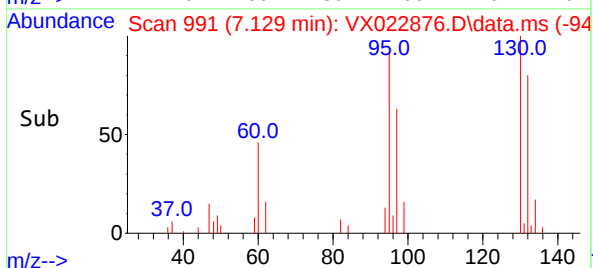
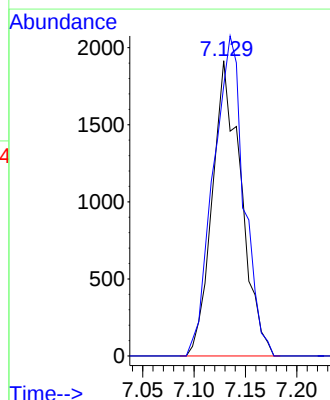
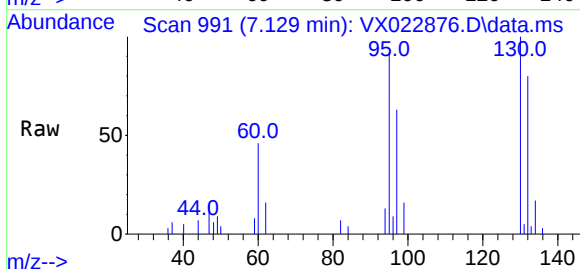
Acq: 24 Jun 2021 18:32

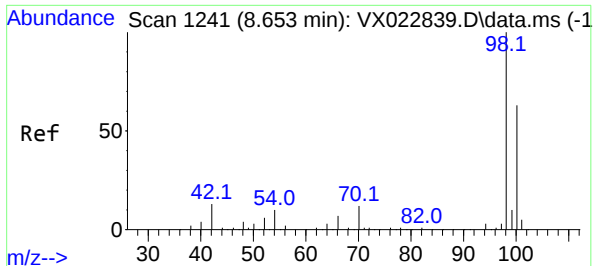
Tgt Ion:130 Resp: 3741

Ion Ratio Lower Upper

130 100

95 91.5 0.0 198.0





#50

Toluene-d8

Concen: 50.386 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX022876.D

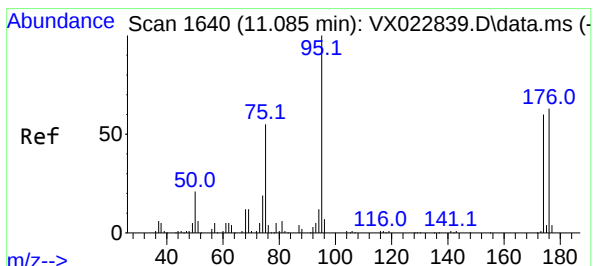
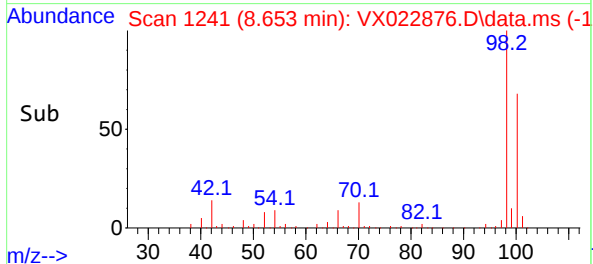
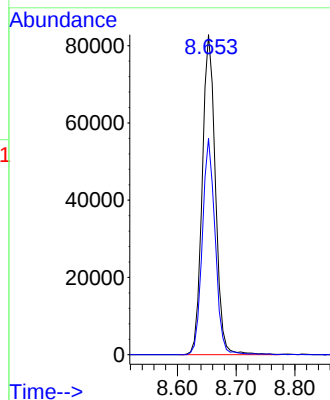
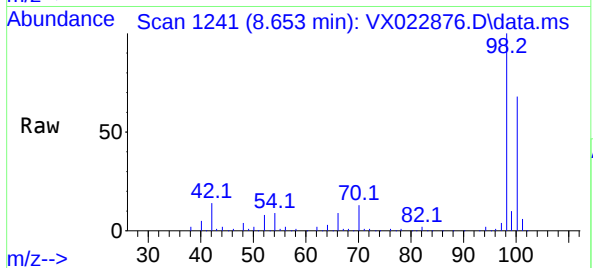
Acq: 24 Jun 2021 18:32

Tgt Ion: 98 Resp: 128756

Ion Ratio Lower Upper

98 100

100 66.1 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 42.685 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX022876.D

Acq: 24 Jun 2021 18:32

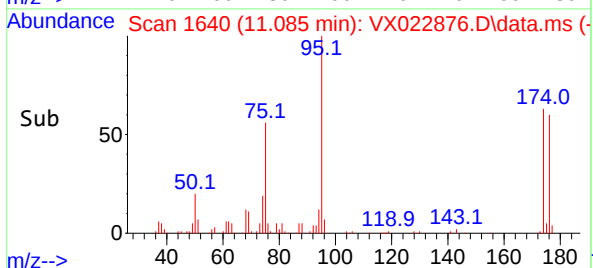
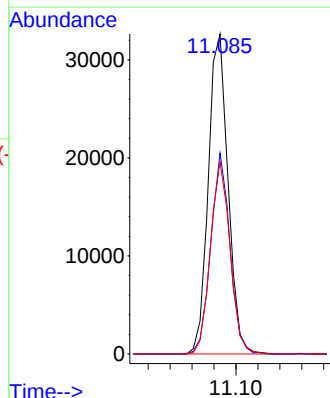
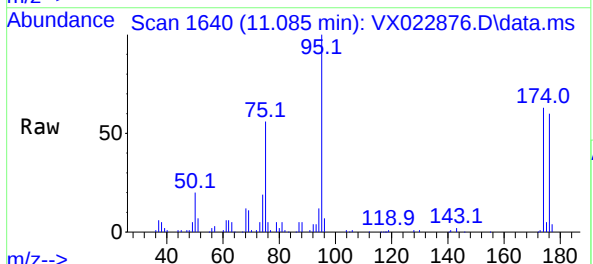
Tgt Ion: 95 Resp: 40709

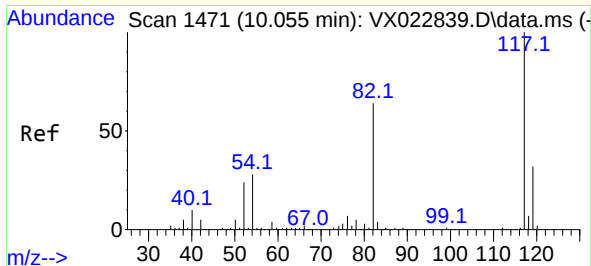
Ion Ratio Lower Upper

95 100

174 60.9 0.0 154.6

176 59.9 0.0 155.8

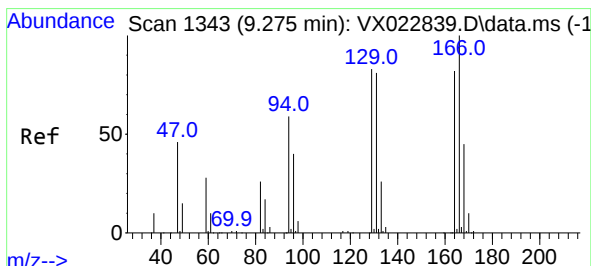
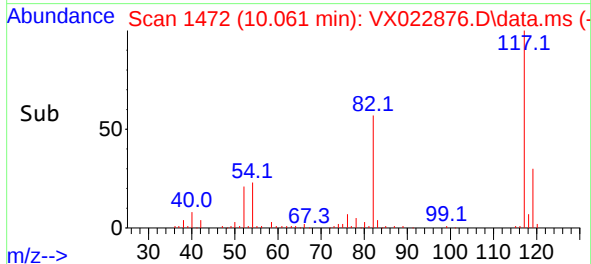
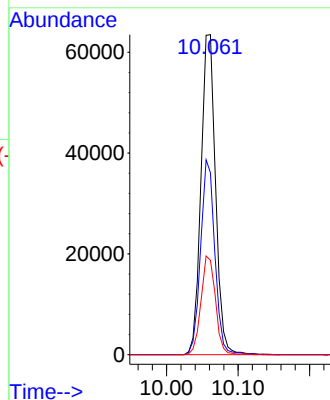
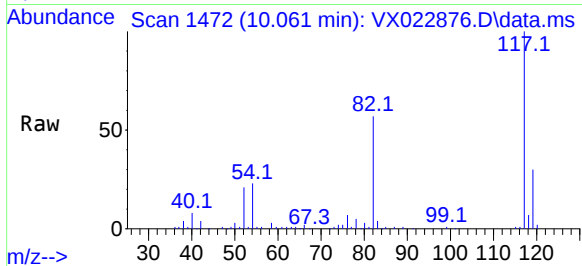




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX022876.D
Acq: 24 Jun 2021 18:32

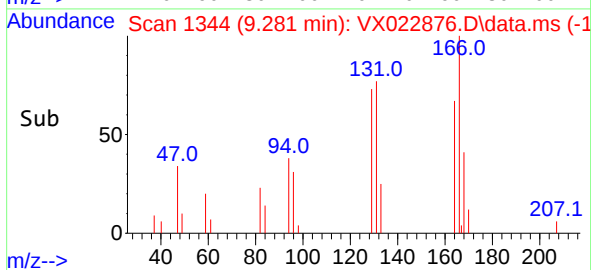
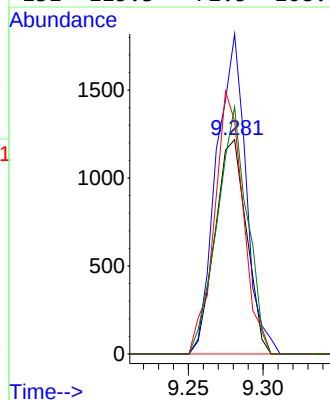
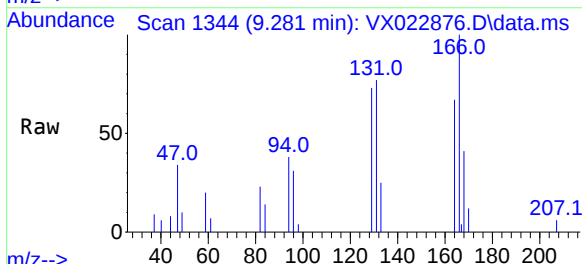
Instrument :
MSVOA_X
ClientSampleId :
MW202D1-20210619

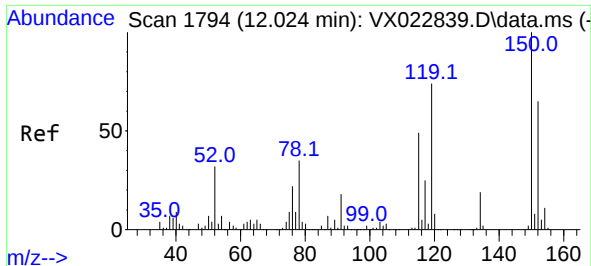
Tgt Ion:	117	Resp:	90099
Ion	Ratio	Lower	Upper
117	100		
82	56.8	47.4	71.2
119	29.5	26.6	39.8



#64
Tetrachloroethene
Concen: 2.822 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX022876.D
Acq: 24 Jun 2021 18:32

Tgt Ion:	164	Resp:	1787
Ion	Ratio	Lower	Upper
164	100		
166	149.3	103.4	155.2
129	108.7	70.8	106.2#
131	115.3	72.5	108.7#





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX022876.D
 Acq: 24 Jun 2021 18:32

Instrument :
 MSVOA_X
 ClientSampleId :
 MW202D1-20210619

Tgt Ion:152 Resp: 30572
 Ion Ratio Lower Upper
 152 100
 115 66.9 41.1 123.3
 150 156.1 0.0 349.0

