

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062421\
 Data File : VX022907.D
 Acq On : 25 Jun 2021 07:29
 Operator : JC/MD
 Sample : M2838-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D1-20210621

Quant Time: Jun 25 08:10:27 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)

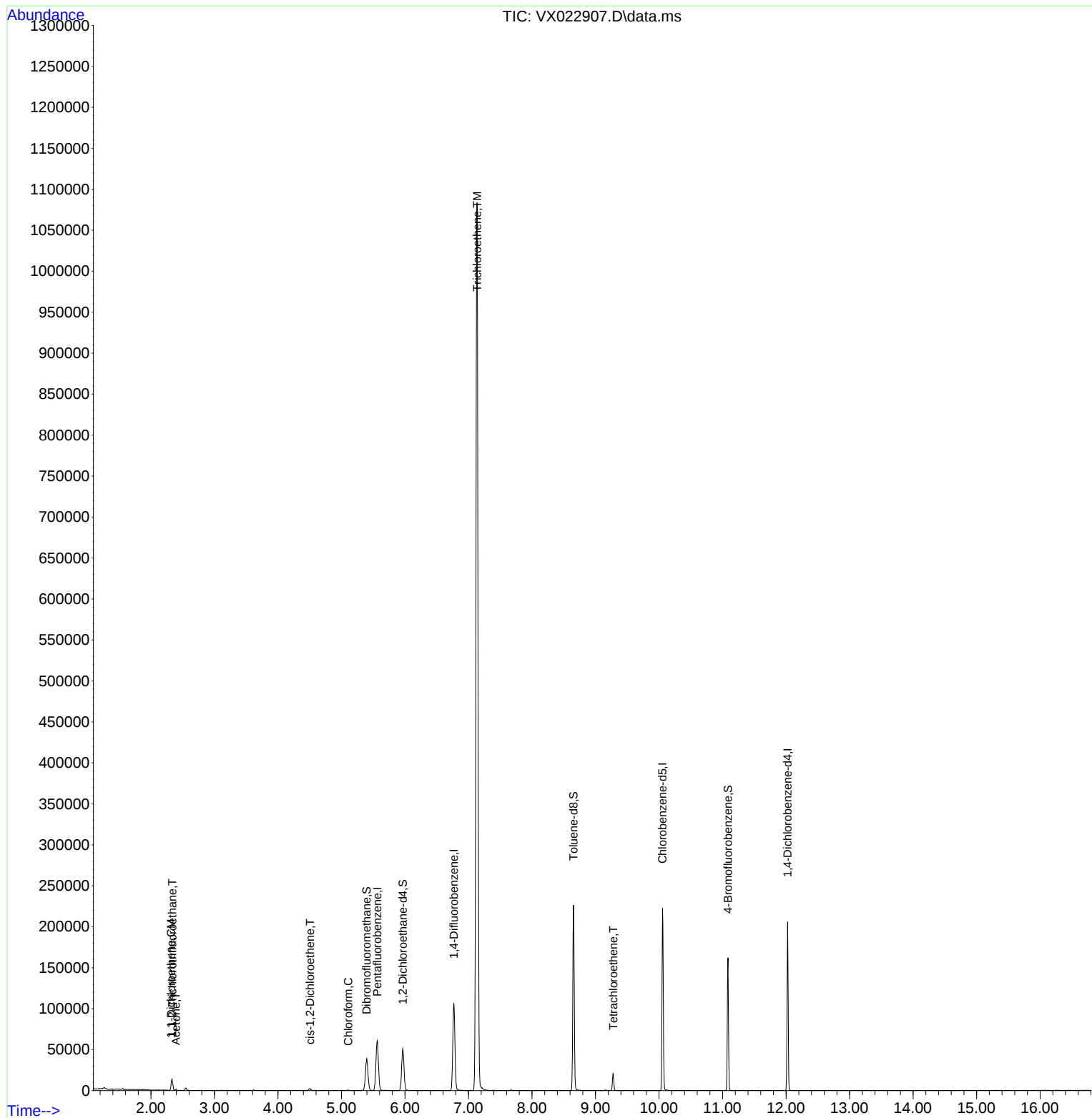
Internal Standards						
1) Pentafluorobenzene	5.562	168	49980	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	102345	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	92548	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	35657	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	46265	51.007	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.020%	
35) Dibromofluoromethane	5.397	113	32332	49.748	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.500%	
50) Toluene-d8	8.653	98	126604	49.704	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.400%	
62) 4-Bromofluorobenzene	11.085	95	43255	45.502	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 91.000%	
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.337	101	3890	5.986	ug/l	95
12) 1,1-Dichloroethene	2.319	96	1781	2.747	ug/l	87
16) Acetone	2.392	43	1168	2.905	ug/l	# 85
27) cis-1,2-Dichloroethene	4.507	96	1358	1.701	ug/l	97
30) Chloroform	5.105	83	454	0.330	ug/l	90
44) Trichloroethene	7.135	130	379205	510.116	ug/l	94
64) Tetrachloroethene	9.281	164	3229	4.965	ug/l	94

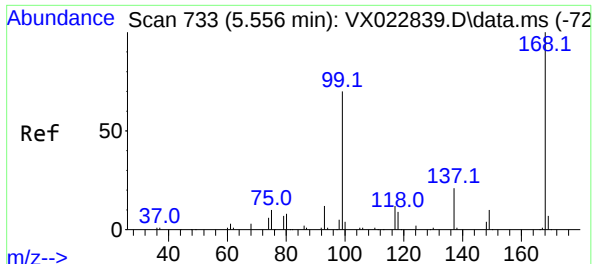
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

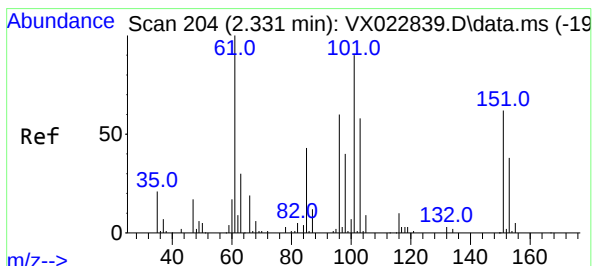
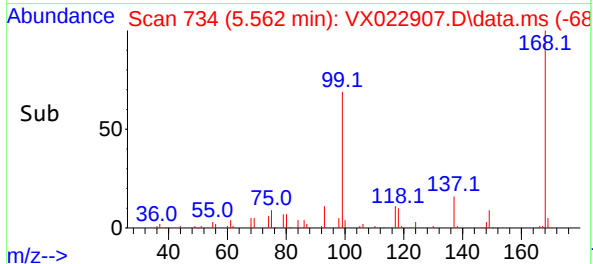
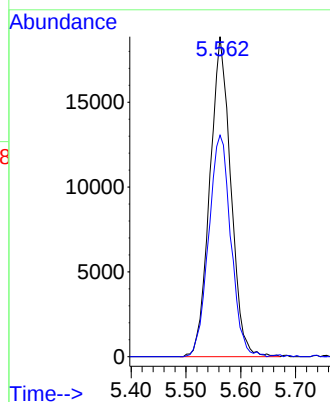
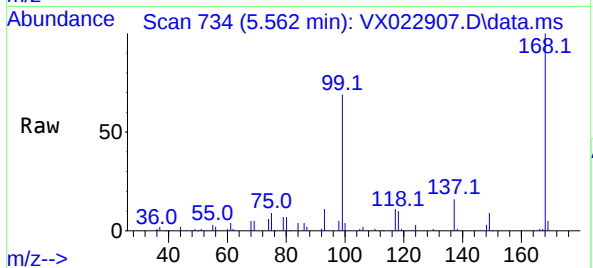




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX022907.D
Acq: 25 Jun 2021 07:29

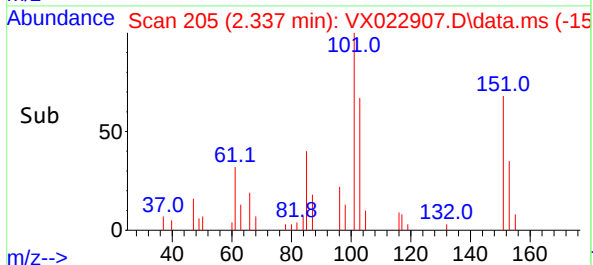
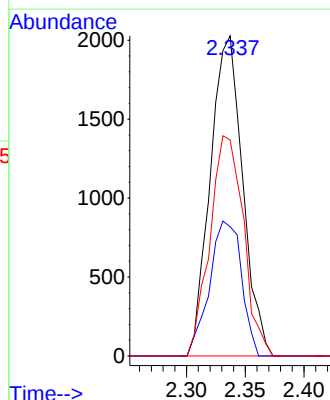
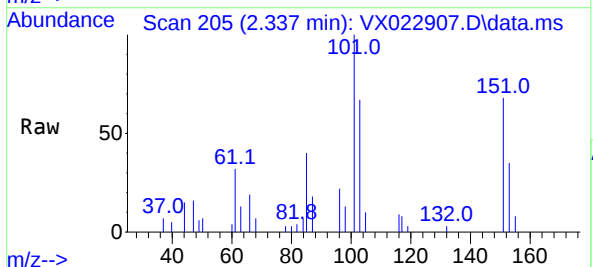
Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20210621

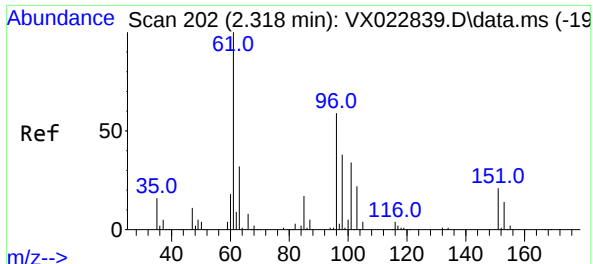
Tgt Ion:168 Resp: 49980
Ion Ratio Lower Upper
168 100
99 69.2 45.8 68.6#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.986 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.006 min
Lab File: VX022907.D
Acq: 25 Jun 2021 07:29

Tgt Ion:101 Resp: 3890
Ion Ratio Lower Upper
101 100
85 41.5 34.9 52.3
151 71.2 61.4 92.2

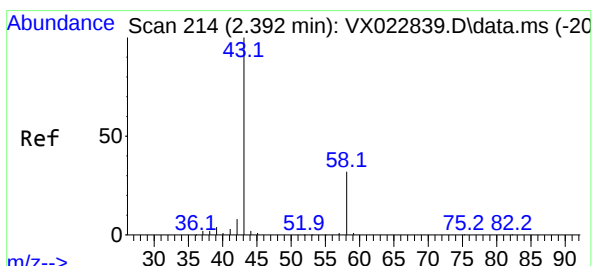
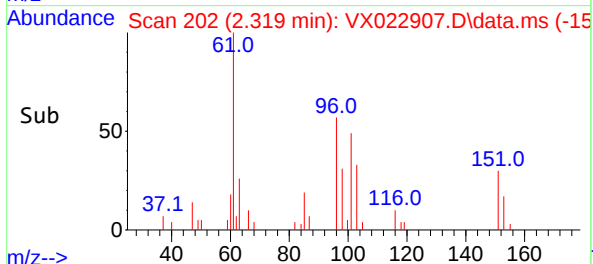
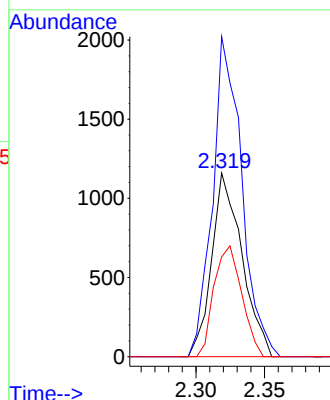
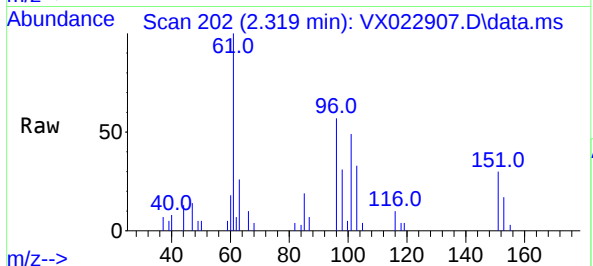




#12
1,1-Dichloroethene
Concen: 2.747 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.001 min
Lab File: VX022907.D
Acq: 25 Jun 2021 07:29

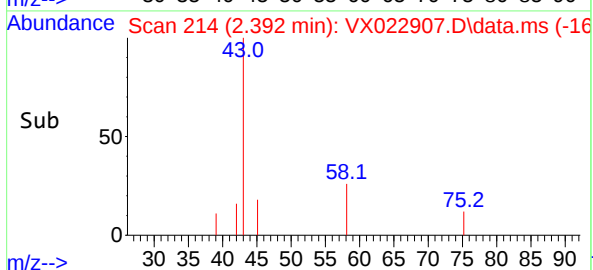
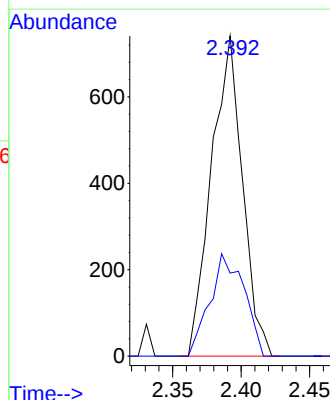
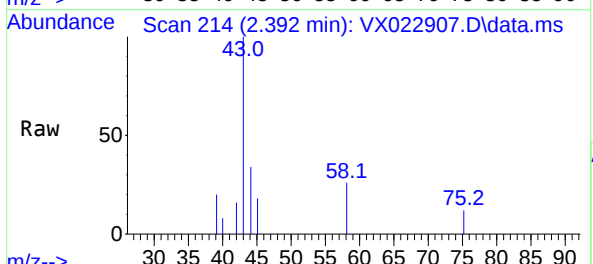
Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20210621

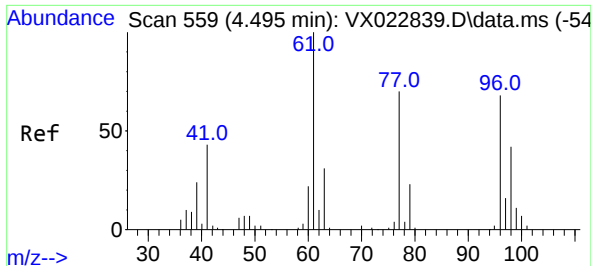
Tgt Ion: 96 Resp: 1781
Ion Ratio Lower Upper
96 100
61 174.2 124.6 187.0
98 54.2 50.6 76.0



#16
Acetone
Concen: 2.905 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX022907.D
Acq: 25 Jun 2021 07:29

Tgt Ion: 43 Resp: 1168
Ion Ratio Lower Upper
43 100
58 25.9 27.8 41.8#





#27

cis-1,2-Dichloroethene

Concen: 1.701 ug/l

RT: 4.507 min Scan# 561

Delta R.T. 0.012 min

Lab File: VX022907.D

Acq: 25 Jun 2021 07:29

Tgt Ion: 96 Resp: 1358

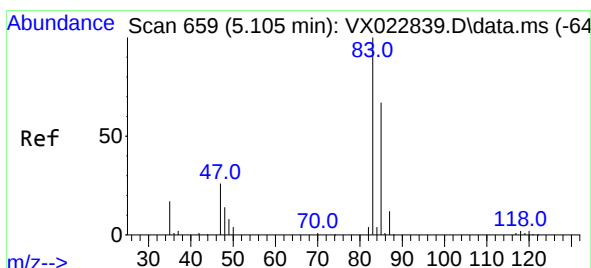
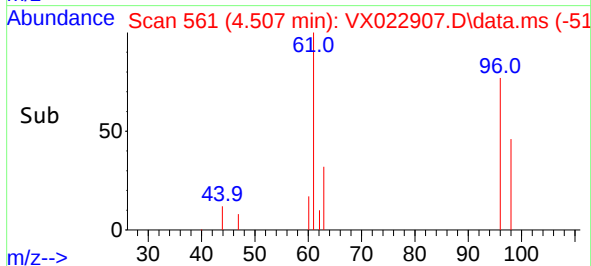
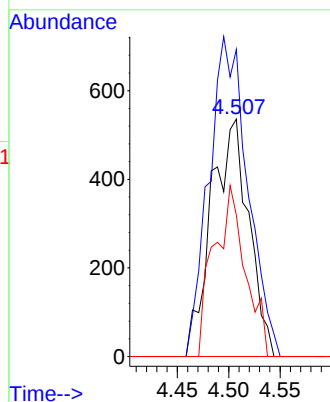
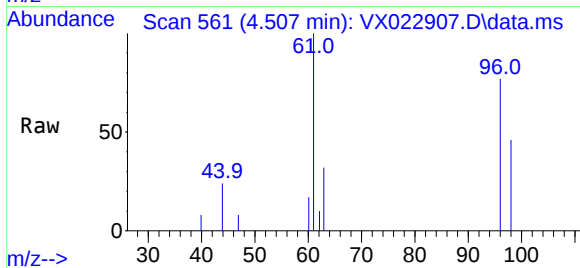
Ion	Ratio	Lower	Upper
96	100		
61	139.7	0.0	285.6
98	60.6	0.0	129.6

Instrument :

MSVOA_X

ClientSampleId :

RE103D1-20210621



#30

Chloroform

Concen: 0.330 ug/l

RT: 5.105 min Scan# 659

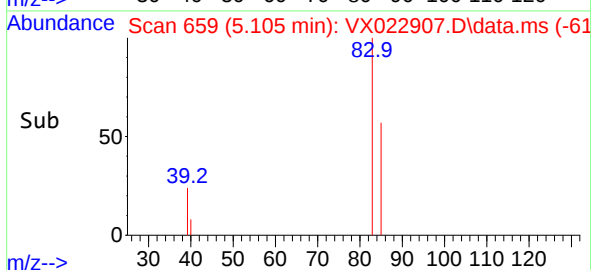
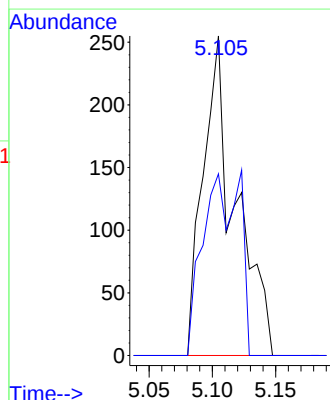
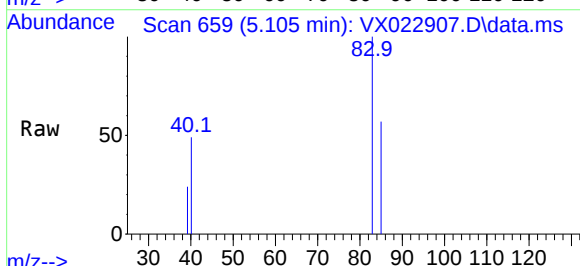
Delta R.T. -0.000 min

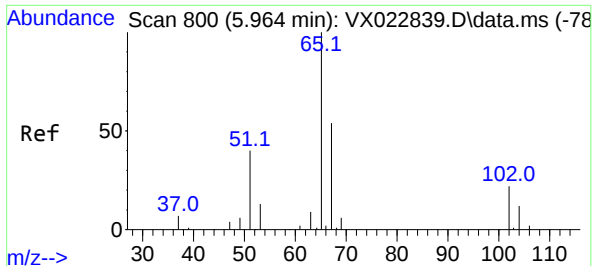
Lab File: VX022907.D

Acq: 25 Jun 2021 07:29

Tgt Ion: 83 Resp: 454

Ion	Ratio	Lower	Upper
83	100		
85	56.9	52.0	78.0



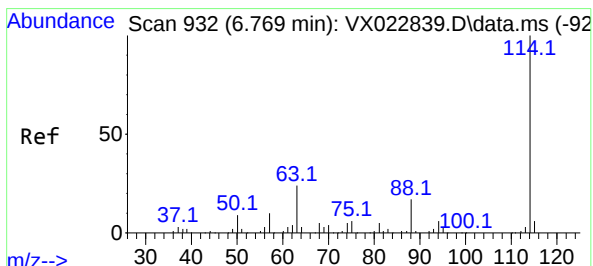
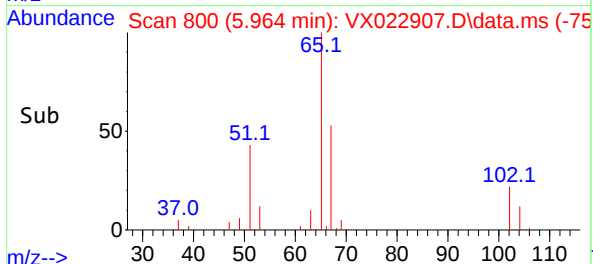
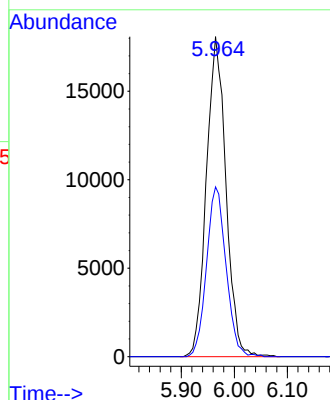
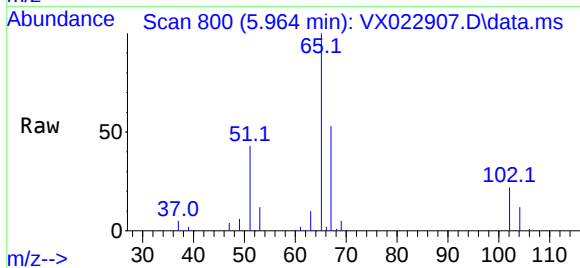


#33

1,2-Dichloroethane-d4
Concen: 51.007 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022907.D
Acq: 25 Jun 2021 07:29

Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20210621

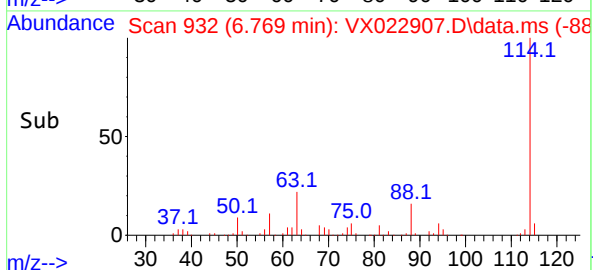
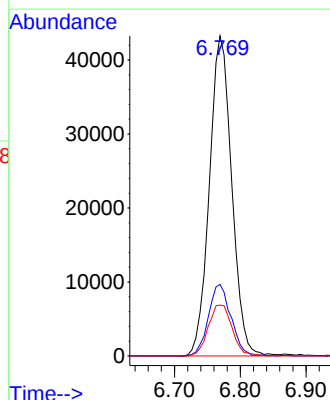
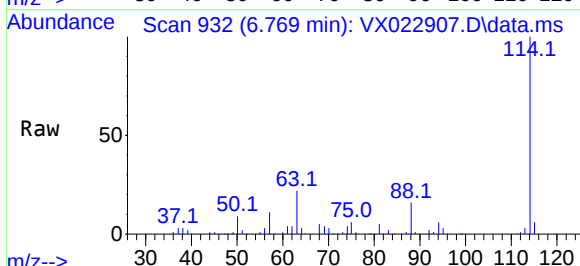
Tgt Ion: 65 Resp: 46265
Ion Ratio Lower Upper
65 100
67 53.0 0.0 105.4

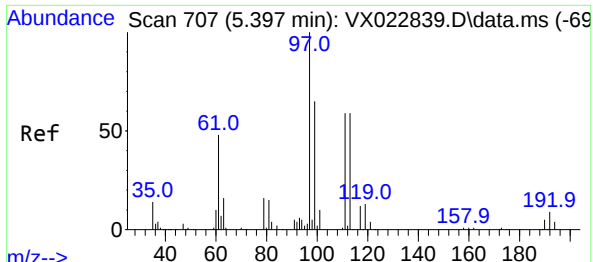


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022907.D
Acq: 25 Jun 2021 07:29

Tgt Ion: 114 Resp: 102345
Ion Ratio Lower Upper
114 100
63 22.4 0.0 40.8
88 15.9 0.0 32.8





#35

Dibromofluoromethane

Concen: 49.748 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX022907.D

Acq: 25 Jun 2021 07:29

Instrument :

MSVOA_X

ClientSampleId :

RE103D1-20210621

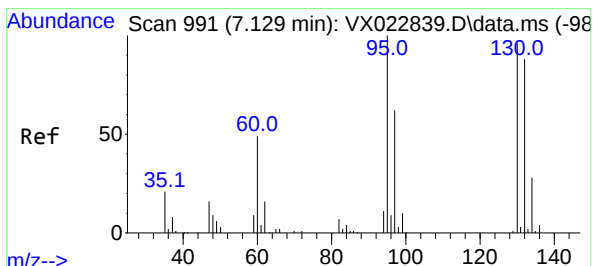
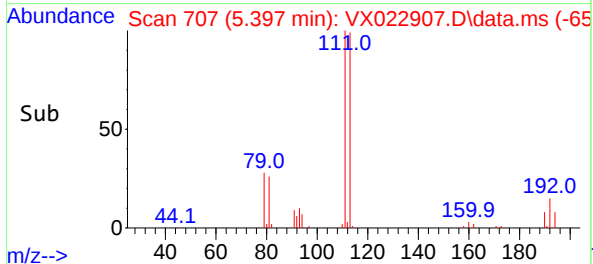
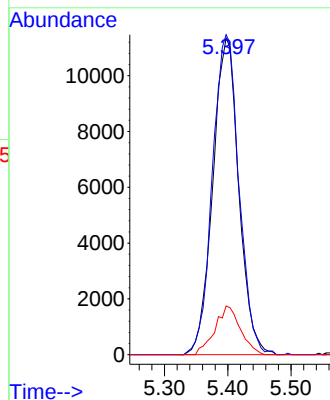
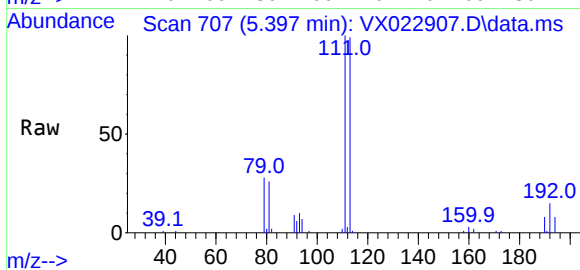
Tgt Ion:113 Resp: 32332

Ion Ratio Lower Upper

113 100

111 103.0 81.9 122.9

192 15.1 16.7 25.1#



#44

Trichloroethene

Concen: 510.116 ug/l

RT: 7.135 min Scan# 992

Delta R.T. 0.006 min

Lab File: VX022907.D

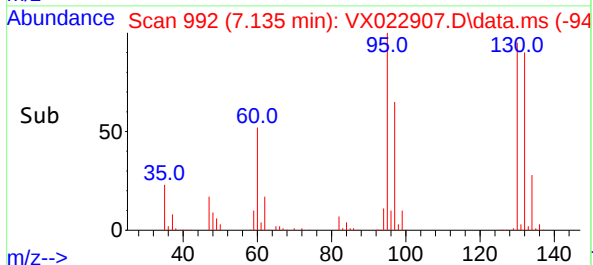
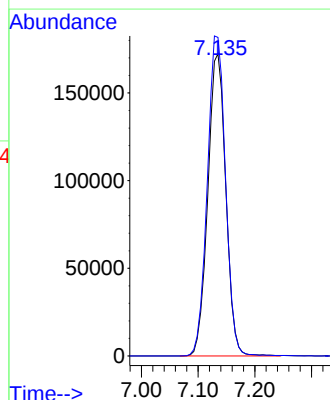
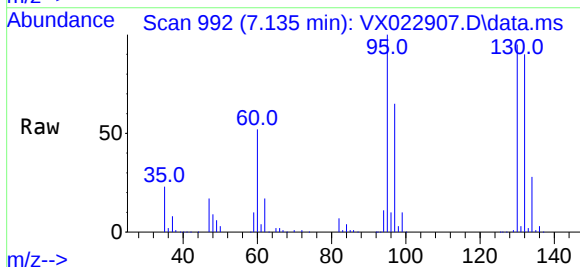
Acq: 25 Jun 2021 07:29

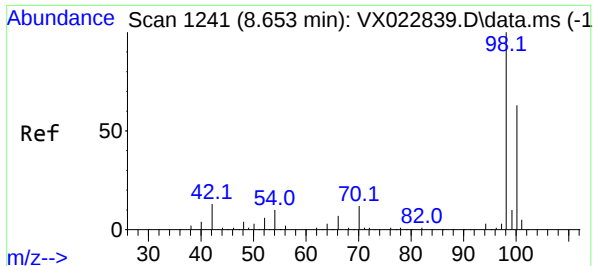
Tgt Ion:130 Resp: 379205

Ion Ratio Lower Upper

130 100

95 105.4 0.0 198.0





#50

Toluene-d8

Concen: 49.704 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX022907.D

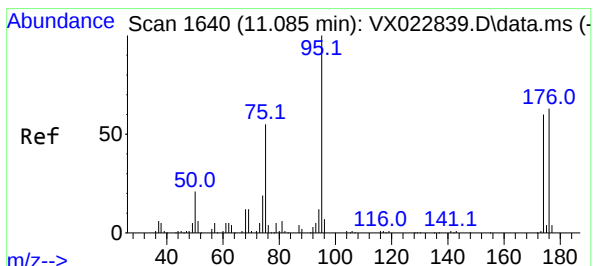
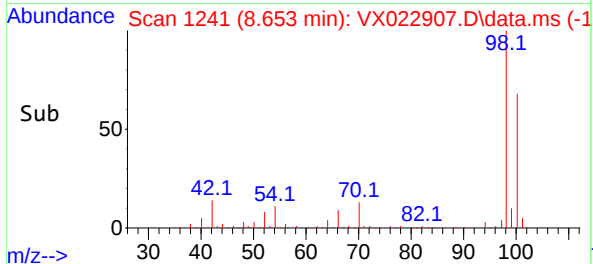
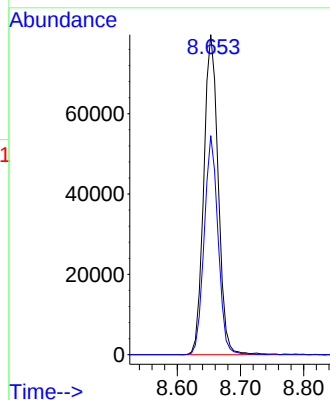
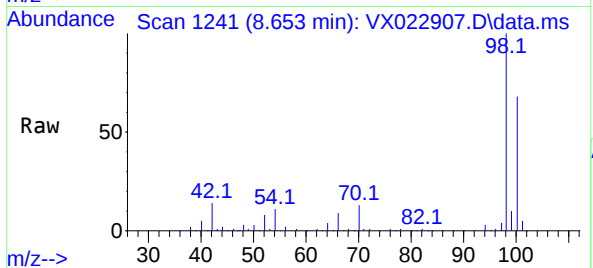
Acq: 25 Jun 2021 07:29

Tgt Ion: 98 Resp: 126604

Ion Ratio Lower Upper

98 100

100 65.8 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 45.502 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX022907.D

Acq: 25 Jun 2021 07:29

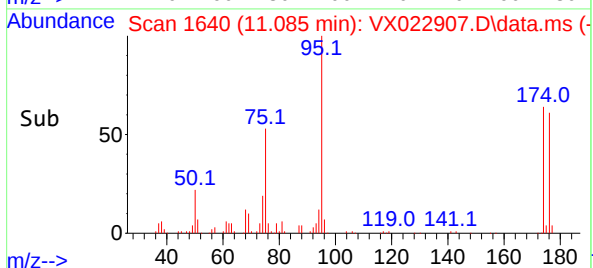
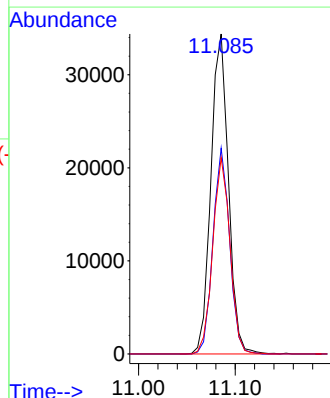
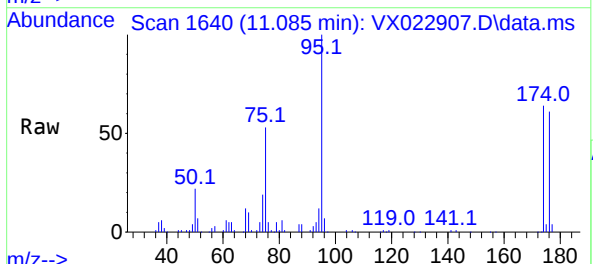
Tgt Ion: 95 Resp: 43255

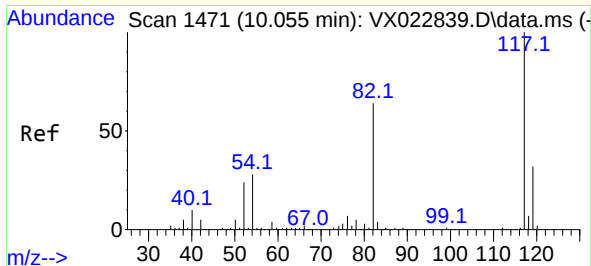
Ion Ratio Lower Upper

95 100

174 61.0 0.0 154.6

176 60.4 0.0 155.8

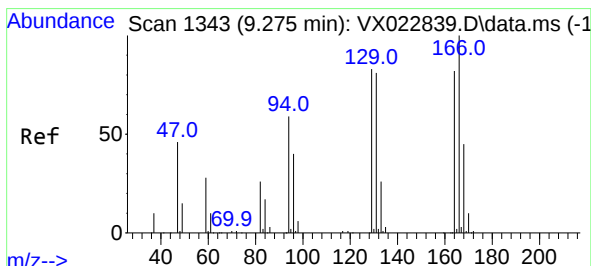
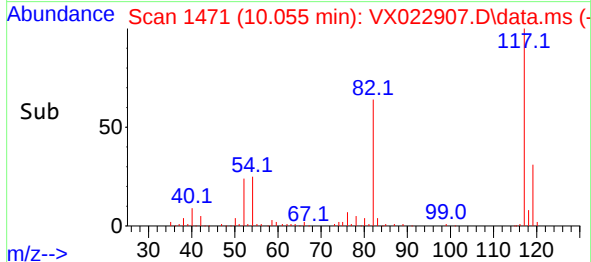
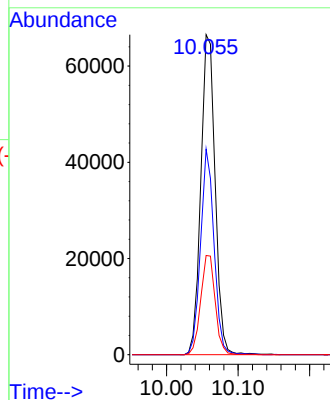
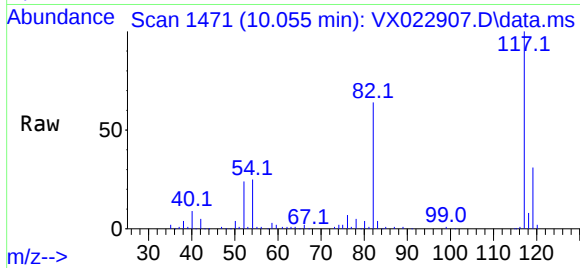




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022907.D
Acq: 25 Jun 2021 07:29

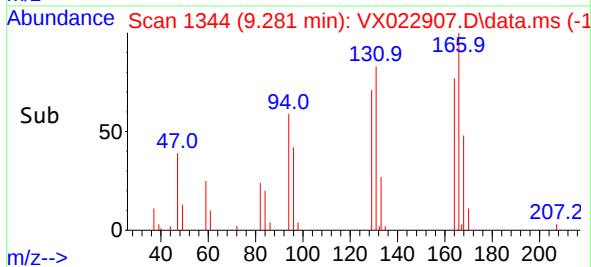
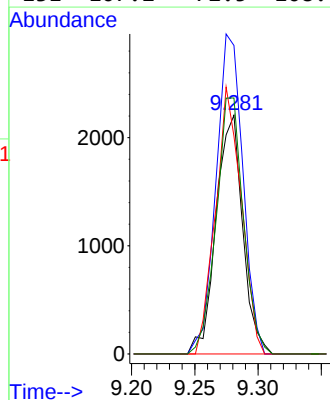
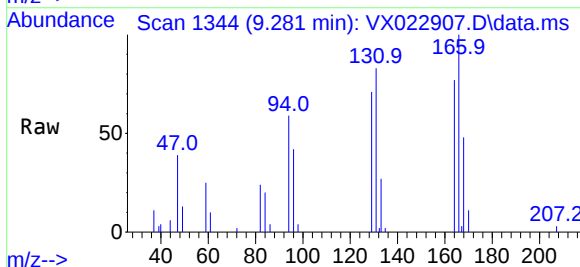
Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20210621

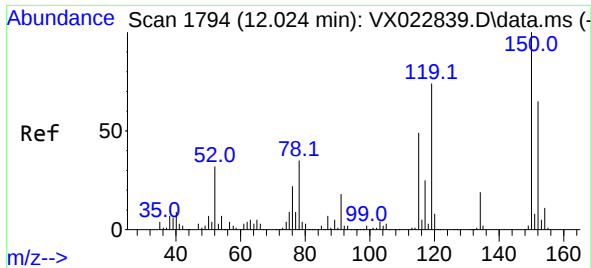
Tgt Ion:117 Resp: 92548
Ion Ratio Lower Upper
117 100
82 64.2 47.4 71.2
119 31.0 26.6 39.8



#64
Tetrachloroethene
Concen: 4.965 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX022907.D
Acq: 25 Jun 2021 07:29

Tgt Ion:164 Resp: 3229
Ion Ratio Lower Upper
164 100
166 129.2 103.4 155.2
129 91.2 70.8 106.2
131 107.2 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: VX022907.D
 Acq: 25 Jun 2021 07:29

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D1-20210621

Tgt Ion:152 Resp: 35657
 Ion Ratio Lower Upper
 152 100
 115 66.5 41.1 123.3
 150 156.3 0.0 349.0

