

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120621\
 Data File : VX025550.D
 Acq On : 06 Dec 2021 15:42
 Operator : JC/MD
 Sample : M4923-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE120D2-20211201

Quant Time: Dec 07 06:00:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 15:36:16 2021
 Response via : Initial Calibration

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

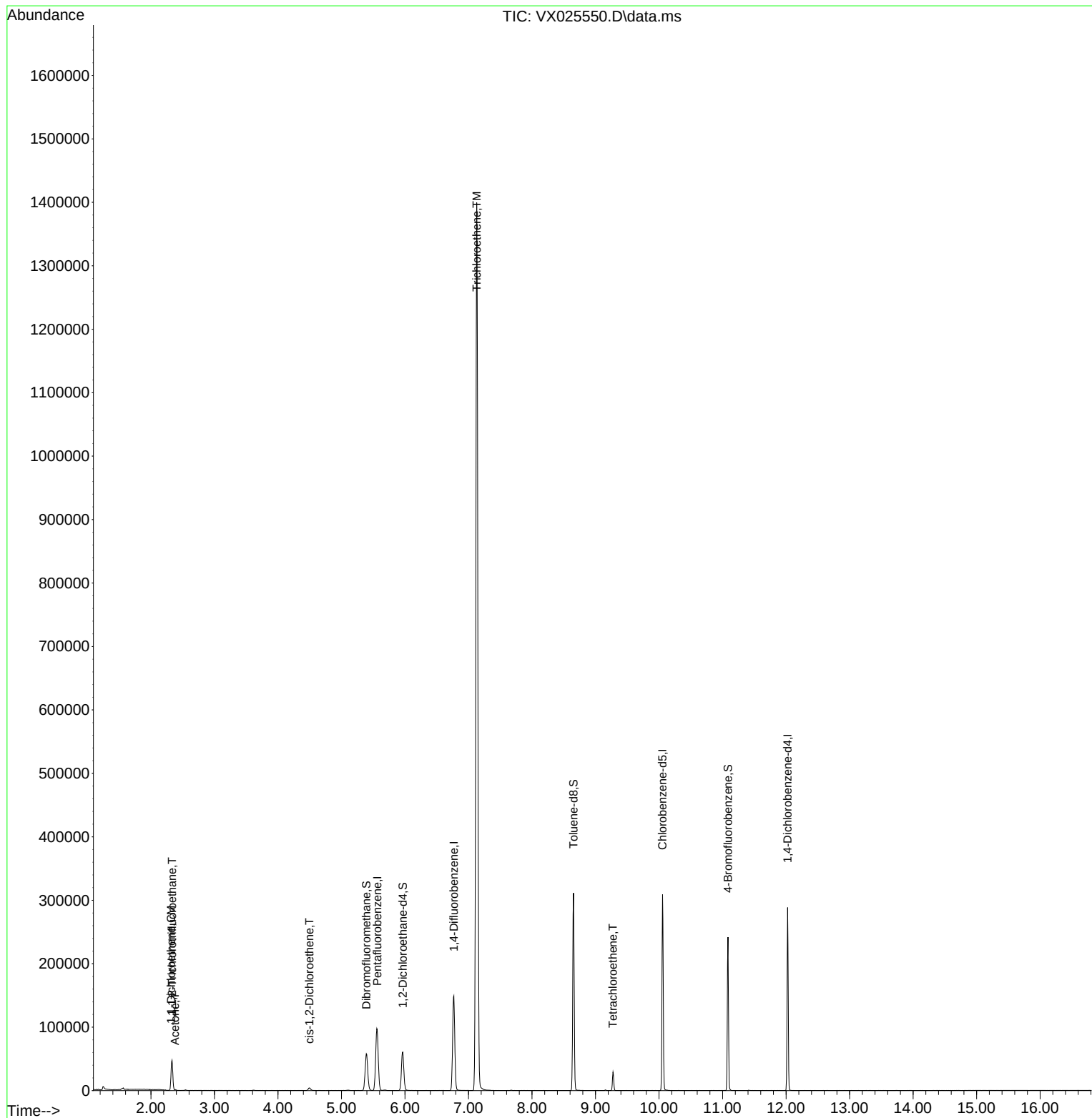
Internal Standards						
1) Pentafluorobenzene	5.562	168	97422	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	160542	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	143916	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	60198	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	57441	55.937	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 111.880%	
35) Dibromofluoromethane	5.391	113	49937	50.696	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.400%	
50) Toluene-d8	8.653	98	186262	50.292	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.580%	
62) 4-Bromofluorobenzene	11.085	95	62703	44.752	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 89.500%	
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.331	101	17598	19.410	ug/l	99
12) 1,1-Dichloroethene	2.319	96	2117	2.345	ug/l	82
16) Acetone	2.380	43	1094	1.917	ug/l #	88
27) cis-1,2-Dichloroethene	4.495	96	2754	2.384	ug/l	86
44) Trichloroethene	7.129	130	554669	450.000	ug/l	95
64) Tetrachloroethene	9.275	164	5678	4.785	ug/l #	86

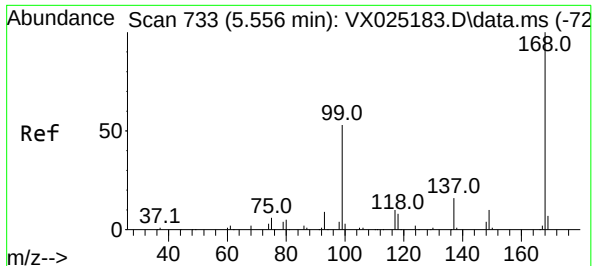
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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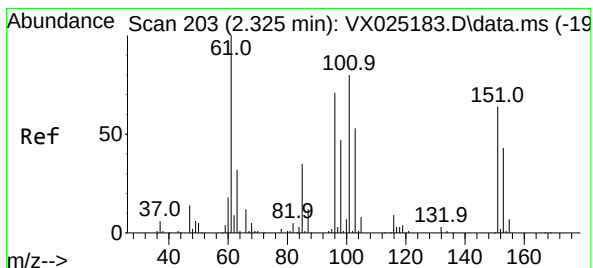
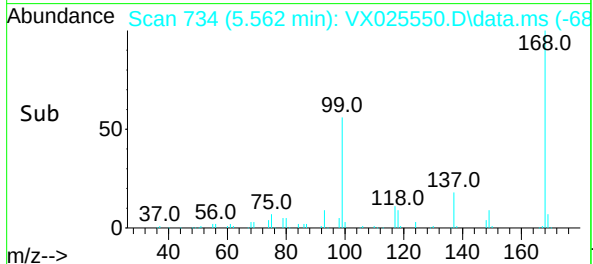
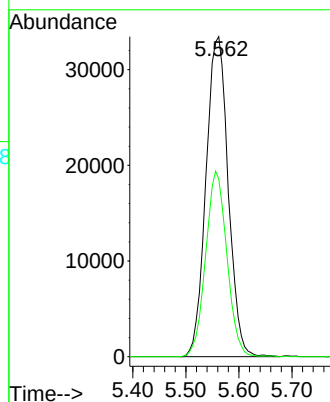
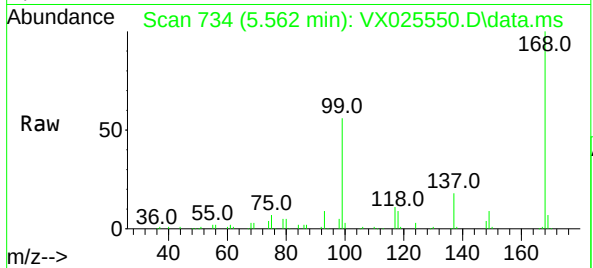




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX025550.D
Acq: 06 Dec 2021 15:42

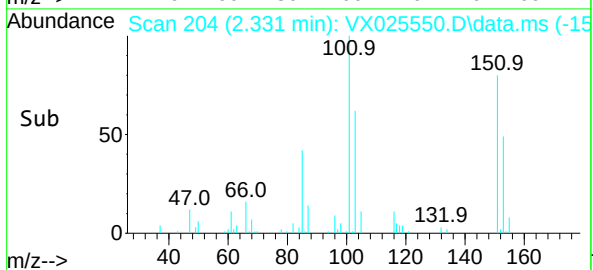
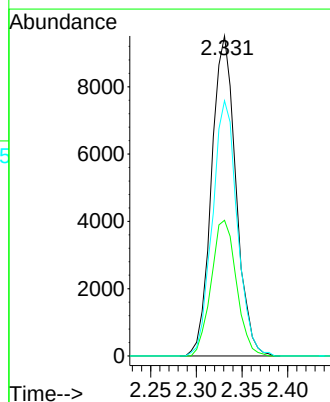
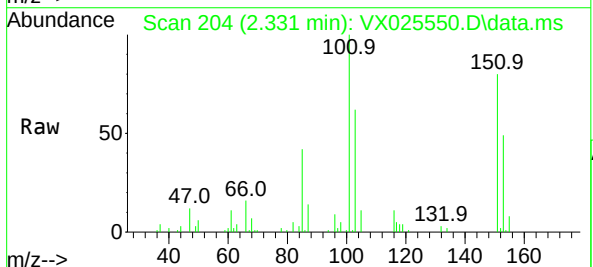
Instrument :
MSVOA_X
ClientSampleId :
RE120D2-20211201

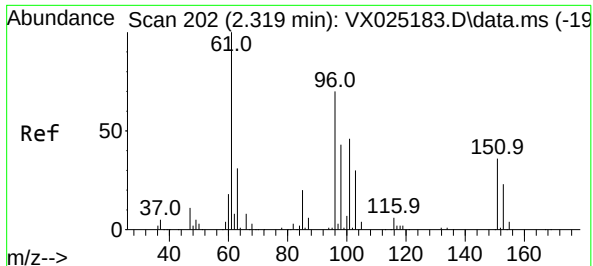
Tgt Ion:168 Resp: 97422
Ion Ratio Lower Upper
168 100
99 55.5 46.4 69.6



#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.410 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX025550.D
Acq: 06 Dec 2021 15:42

Tgt Ion:101 Resp: 17598
Ion Ratio Lower Upper
101 100
85 43.9 35.9 53.9
151 81.3 64.4 96.6





#12

1,1-Dichloroethene

Concen: 2.345 ug/l

RT: 2.319 min Scan# 20

Delta R.T. -0.000 min

Lab File: VX025550.D

Acq: 06 Dec 2021 15:42

Instrument :

MSVOA_X

ClientSampleId :

RE120D2-20211201

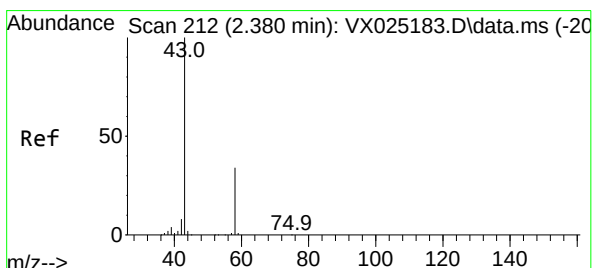
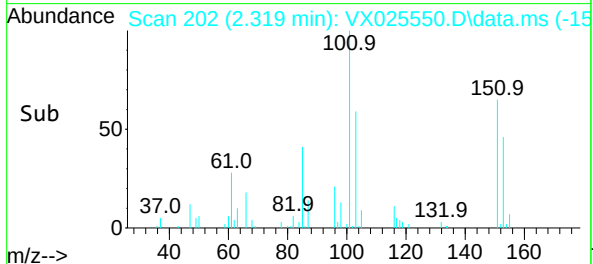
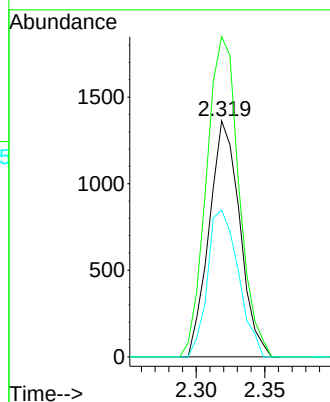
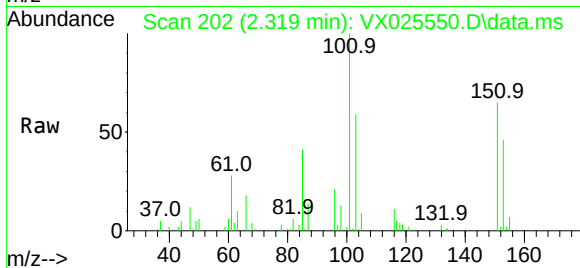
Tgt Ion: 96 Resp: 2117

Ion Ratio Lower Upper

96 100

61 135.7 134.1 201.1

98 62.1 51.5 77.3



#16

Acetone

Concen: 1.917 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX025550.D

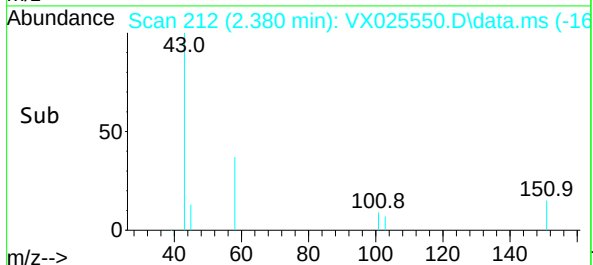
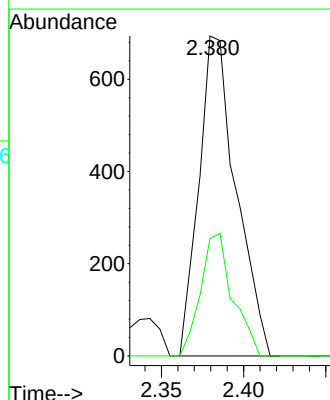
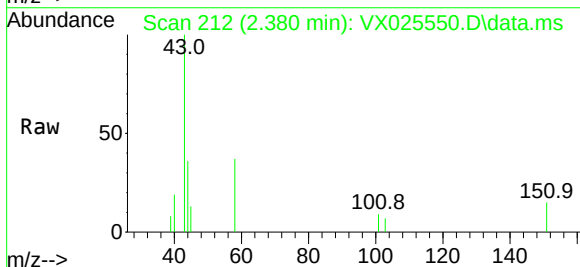
Acq: 06 Dec 2021 15:42

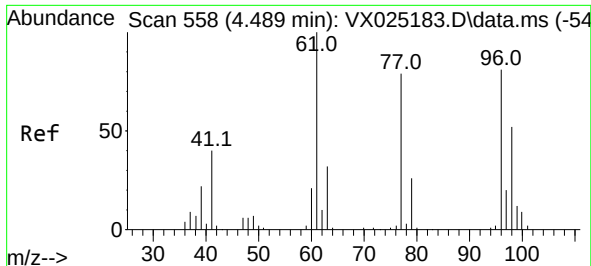
Tgt Ion: 43 Resp: 1094

Ion Ratio Lower Upper

43 100

58 36.7 24.0 36.0#





#27

cis-1,2-Dichloroethene

Concen: 2.384 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX025550.D

Acq: 06 Dec 2021 15:42

Instrument :

MSVOA_X

ClientSampleId :

RE120D2-20211201

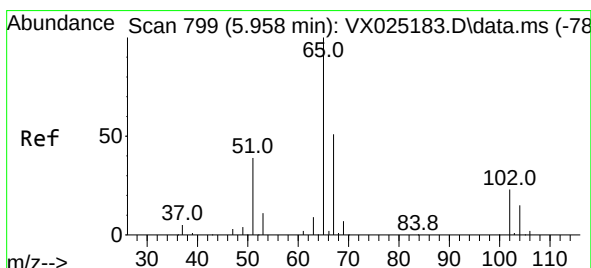
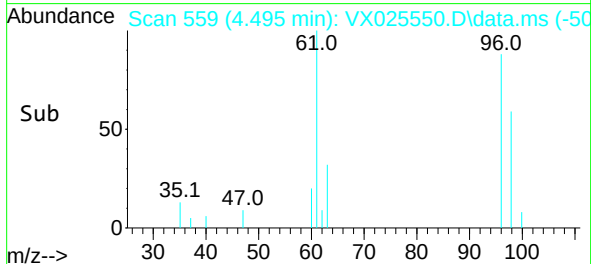
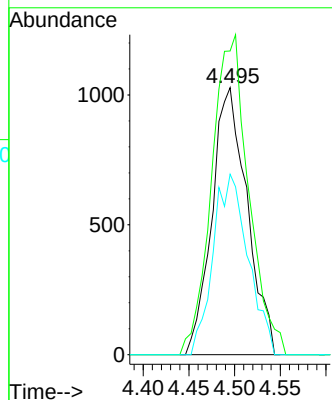
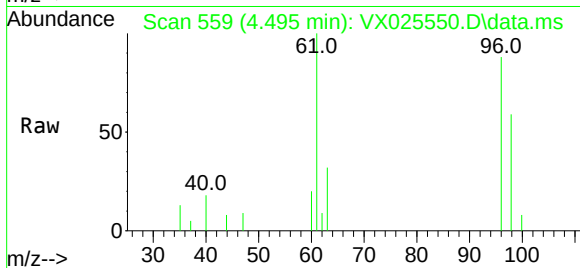
Tgt Ion: 96 Resp: 2754

Ion Ratio Lower Upper

96 100

61 125.9 0.0 302.2

98 67.2 0.0 131.4



#33

1,2-Dichloroethane-d4

Concen: 55.937 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX025550.D

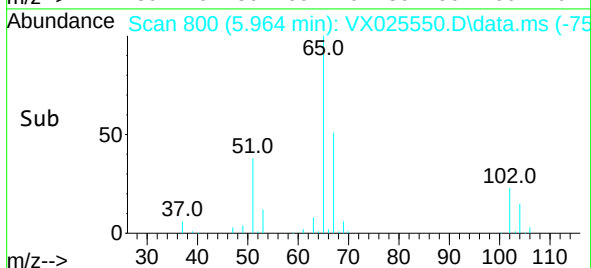
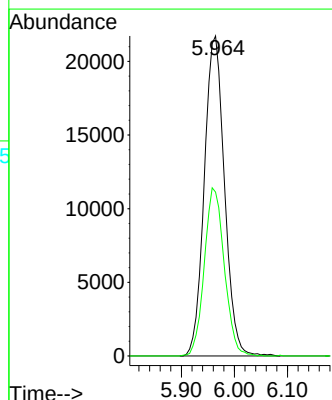
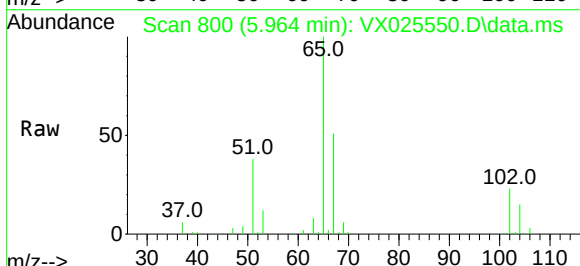
Acq: 06 Dec 2021 15:42

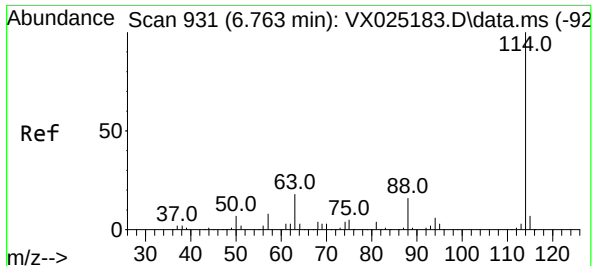
Tgt Ion: 65 Resp: 57441

Ion Ratio Lower Upper

65 100

67 52.1 0.0 101.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 91

Delta R.T. 0.006 min

Lab File: VX025550.D

Acq: 06 Dec 2021 15:42

Instrument :

MSVOA_X

ClientSampleId :

RE120D2-20211201

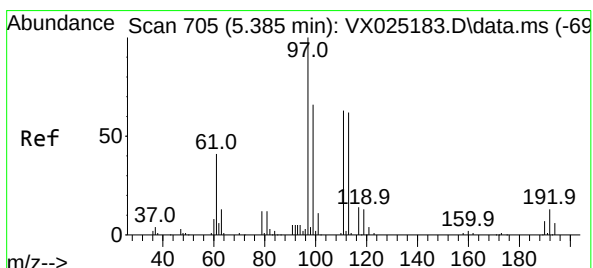
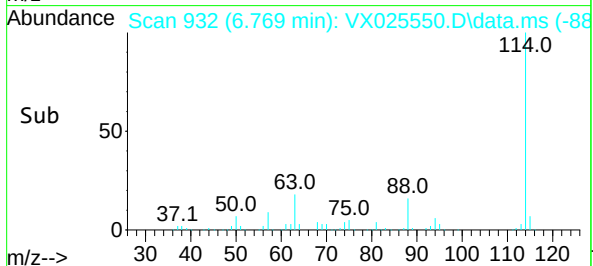
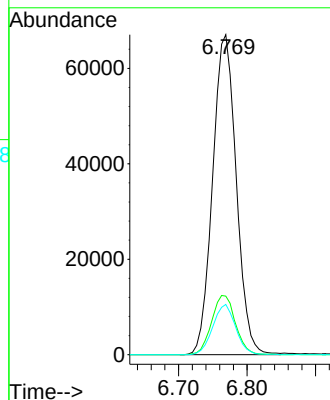
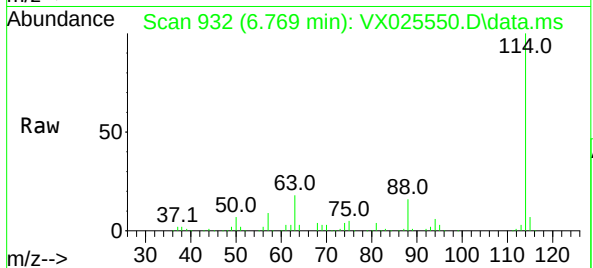
Tgt Ion:114 Resp: 160542

Ion Ratio Lower Upper

114 100

63 18.3 0.0 41.0

88 15.7 0.0 34.8



#35

Dibromofluoromethane

Concen: 50.696 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.006 min

Lab File: VX025550.D

Acq: 06 Dec 2021 15:42

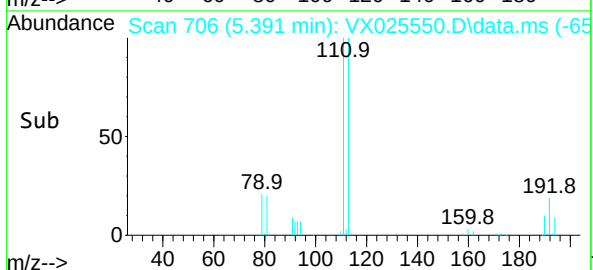
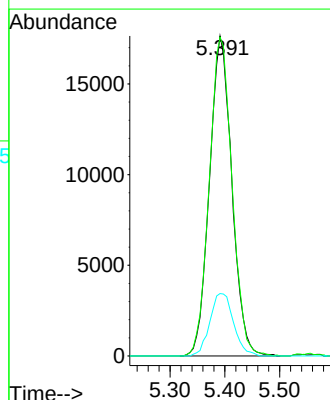
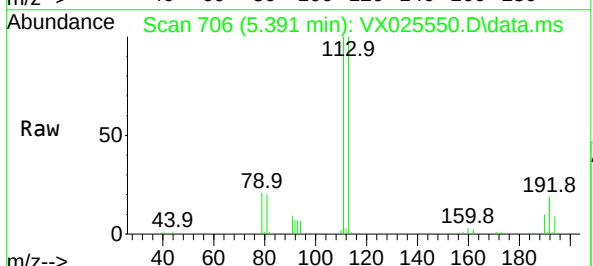
Tgt Ion:113 Resp: 49937

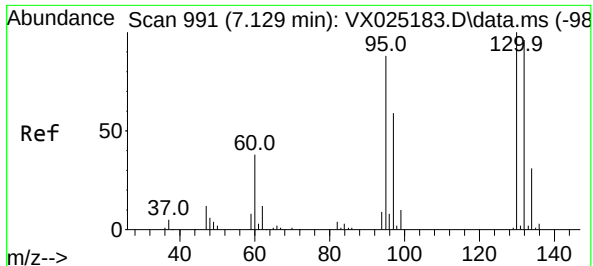
Ion Ratio Lower Upper

113 100

111 101.6 82.1 123.1

192 20.6 15.6 23.4

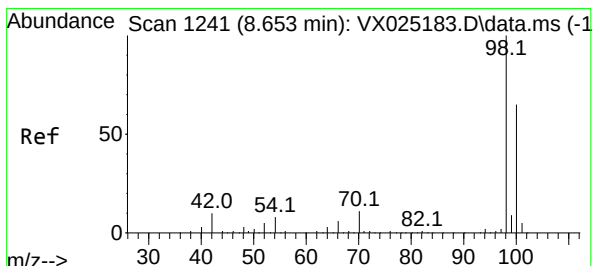
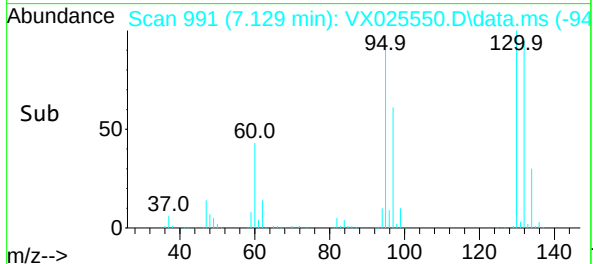
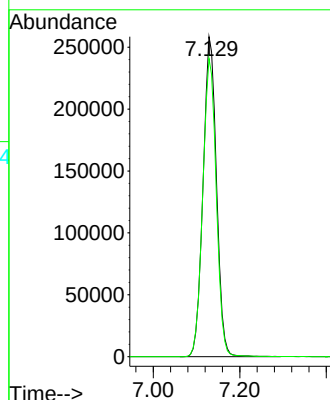
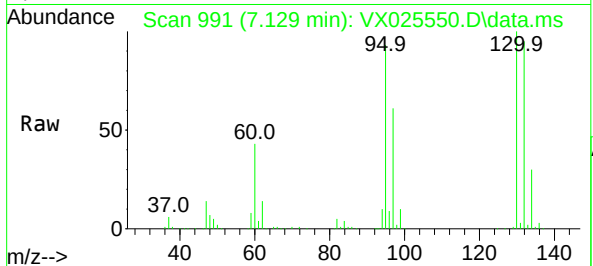




#44
Trichloroethene
Concen: 450.000 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX025550.D
Acq: 06 Dec 2021 15:42

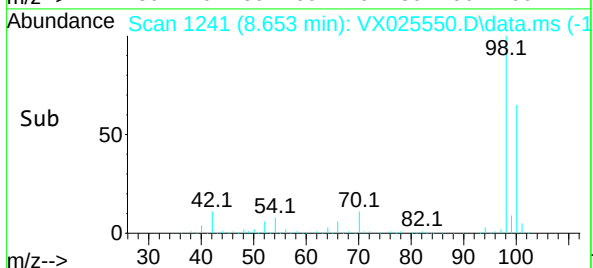
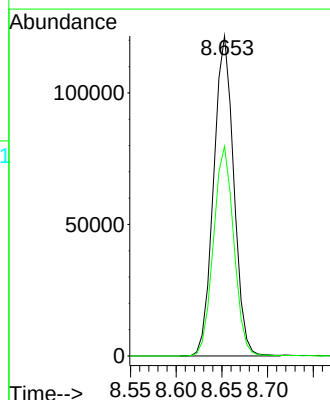
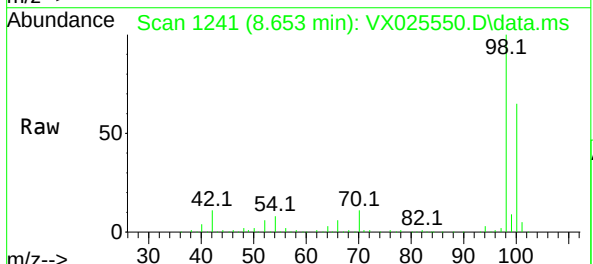
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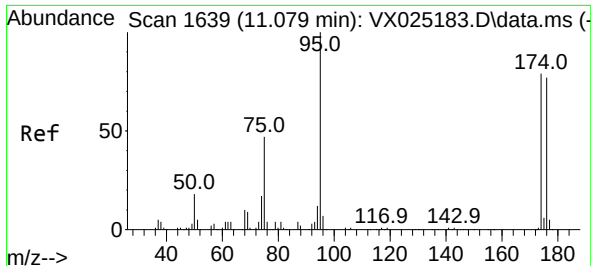
Tgt Ion:130 Resp: 554669
Ion Ratio Lower Upper
130 100
95 93.2 0.0 196.8



#50
Toluene-d8
Concen: 50.292 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX025550.D
Acq: 06 Dec 2021 15:42

Tgt Ion: 98 Resp: 186262
Ion Ratio Lower Upper
98 100
100 66.2 51.4 77.0





#62

4-Bromofluorobenzene

Concen: 44.752 ug/l

RT: 11.085 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX025550.D

Acq: 06 Dec 2021 15:42

Instrument :

MSVOA_X

ClientSampleId :

RE120D2-20211201

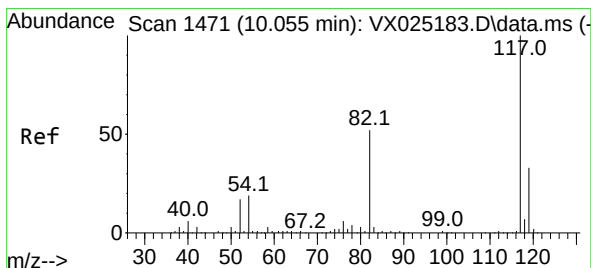
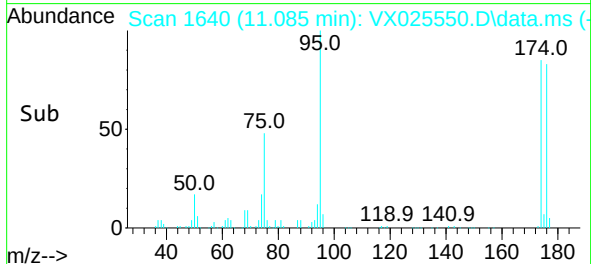
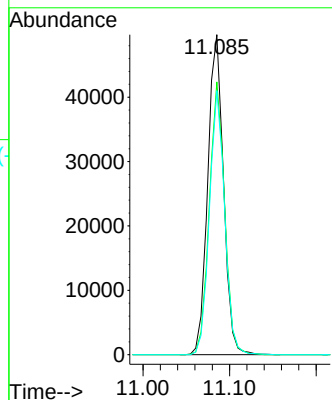
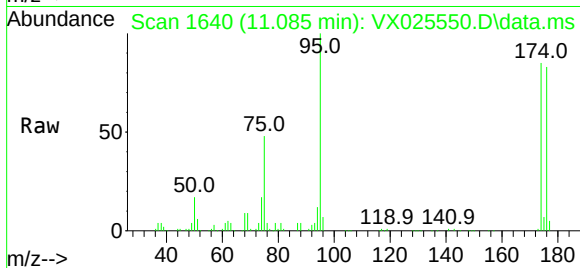
Tgt Ion: 95 Resp: 62703

Ion Ratio Lower Upper

95 100

174 83.1 0.0 158.0

176 79.8 0.0 153.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX025550.D

Acq: 06 Dec 2021 15:42

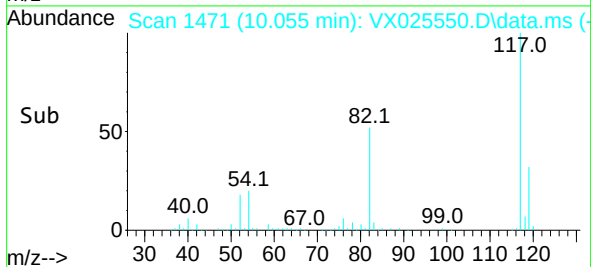
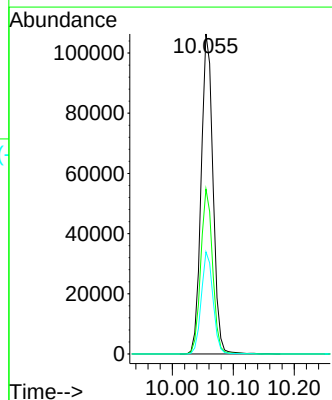
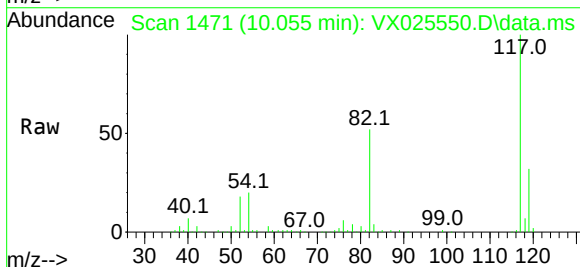
Tgt Ion: 117 Resp: 143916

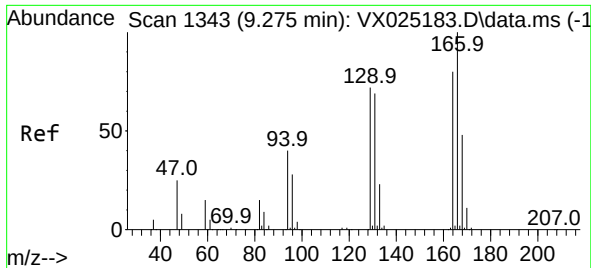
Ion Ratio Lower Upper

117 100

82 51.6 44.6 67.0

119 31.9 24.8 37.2



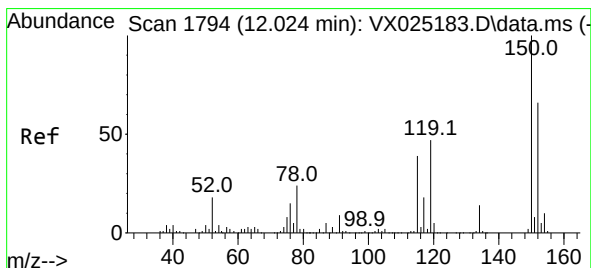
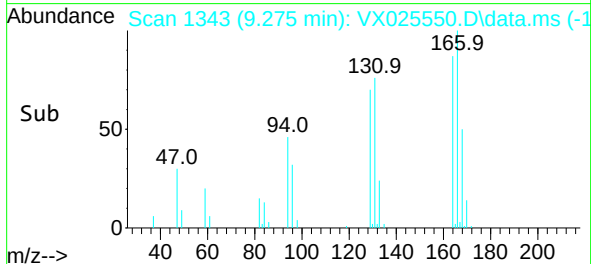
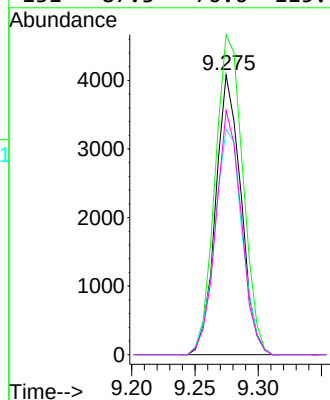
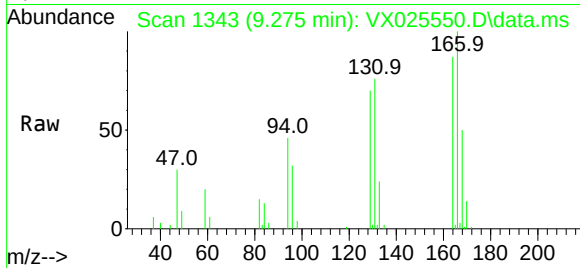


#64
Tetrachloroethene
Concen: 4.785 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025550.D
Acq: 06 Dec 2021 15:42

Instrument :
MSVOA_X
ClientSampleId :
RE120D2-20211201

Tgt Ion:164 Resp: 5678

Ion	Ratio	Lower	Upper
164	100		
166	114.4	103.2	154.8
129	80.5	81.0	121.4#
131	87.3	76.6	115.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX025550.D
Acq: 06 Dec 2021 15:42

Tgt Ion:152 Resp: 60198

Ion	Ratio	Lower	Upper
152	100		
115	57.5	43.3	129.8
150	157.3	0.0	351.2

