

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092320\
 Data File : VX018550.D
 Acq On : 23 Sep 2020 21:22
 Operator : JC/SP
 Sample : L4083-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE109D2-20200917

Quant Time: Sep 24 03:26:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 17 12:17:36 2020
 Response via : Initial Calibration

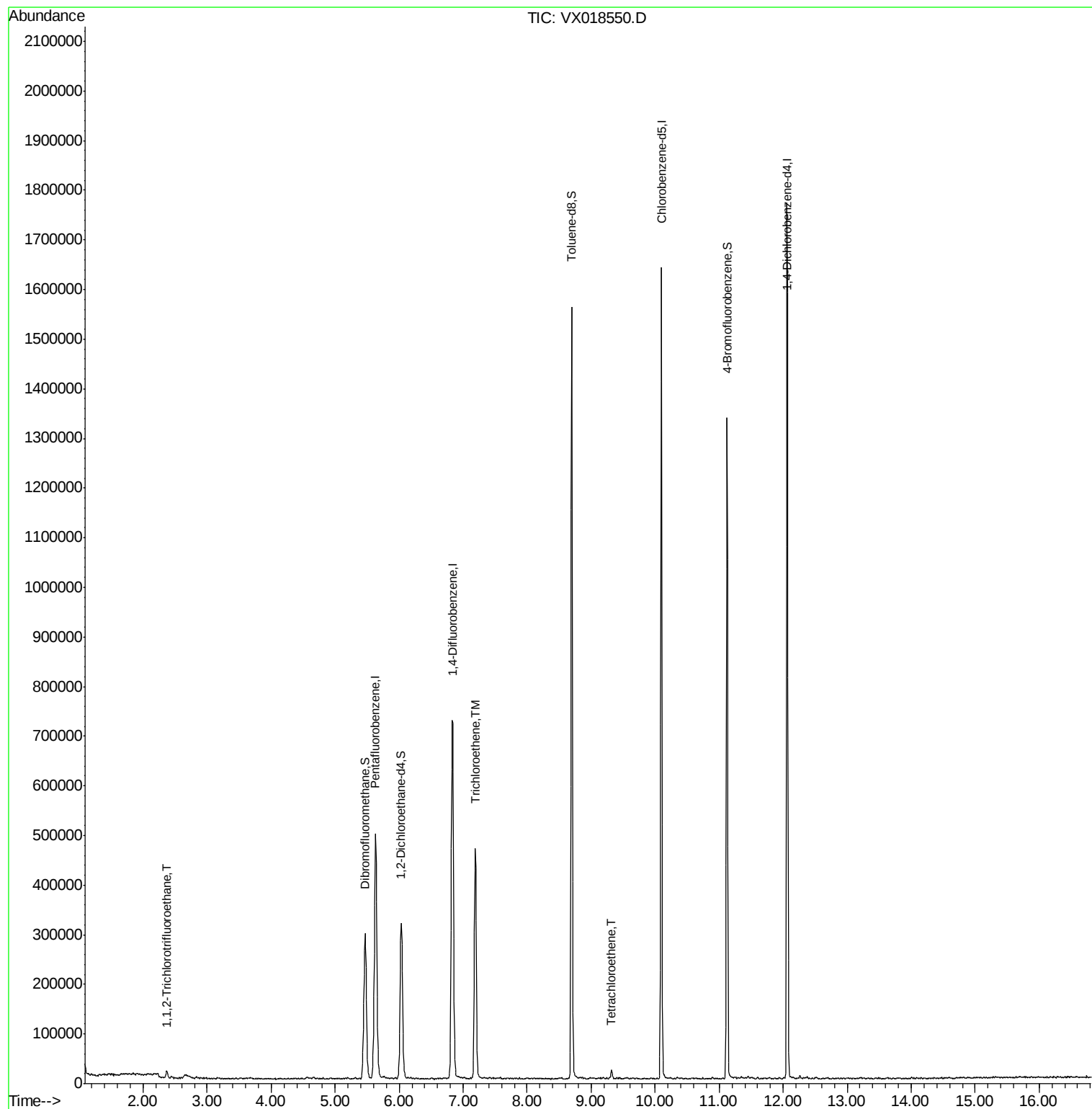
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	456641	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	732597	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	705630	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	370524	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	323622	50.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.20%	
35) Dibromofluoromethane	5.47	113	254502	50.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.50%	
50) Toluene-d8	8.70	98	889796	48.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.72%	
62) 4-Bromofluorobenzene	11.12	95	342248	46.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.52%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.38	101	5262	1.199	ug/l	97
44) Trichloroethene	7.19	130	179240	30.384	ug/l	96
64) Tetrachloroethene	9.32	164	3151	0.567	ug/l #	81

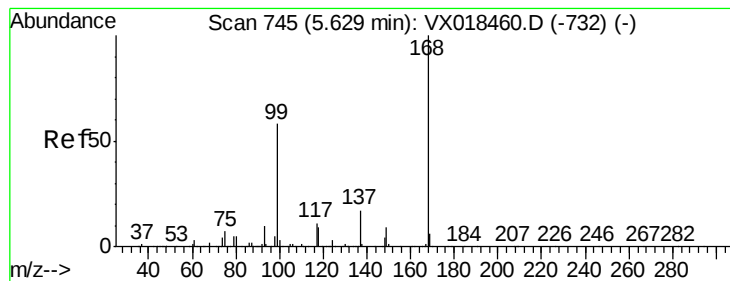
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

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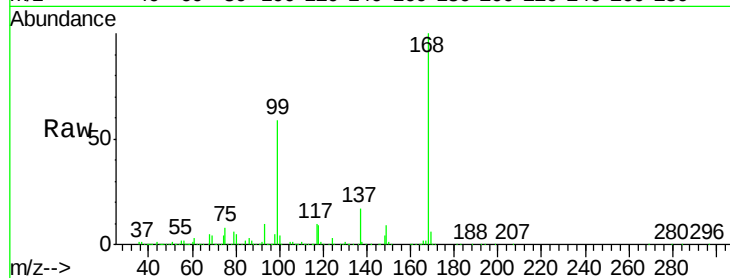
Instrument :
MSVOA_X
ClientSampleId :
RE109D2-20200917

Tot Ion:168 Resp: 456641

Ion Ratio Lower Upper

168 100

99 59.0 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

150000

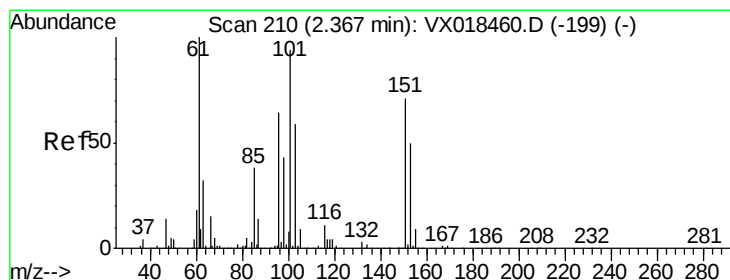
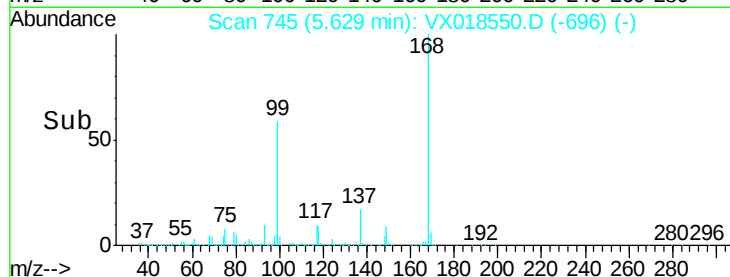
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.199 ug/l

RT: 2.38 min Scan# 212

Delta R.T. 0.01 min

Lab File: VX018550.D

Acq: 23 Sep 2020 21:22

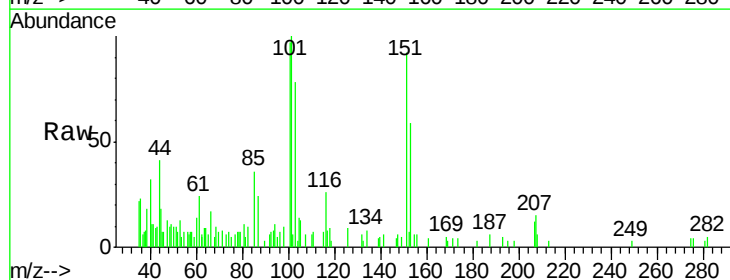
Tgt Ion:101 Resp: 5262

Ion Ratio Lower Upper

101 100

85 46.9 34.7 52.1

151 79.2 64.9 97.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V

2.38

4000

3000

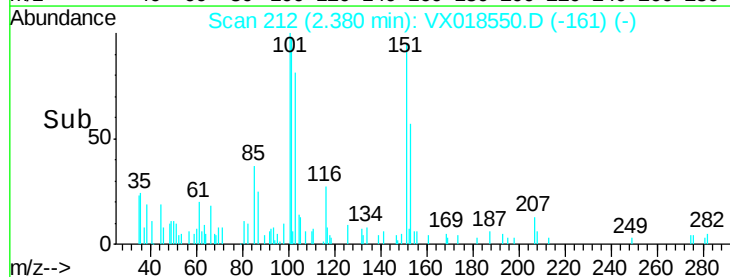
2000

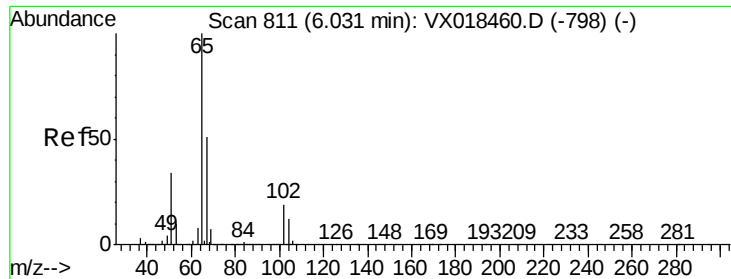
1000

0

Time-->

2.30 2.35 2.40 2.45





#33

1,2-Dichloroethane-d4

Concen: 50.097 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX018550.D

Acq: 23 Sep 2020 21:22

Instrument :

MSVOA_X

ClientSampleId :

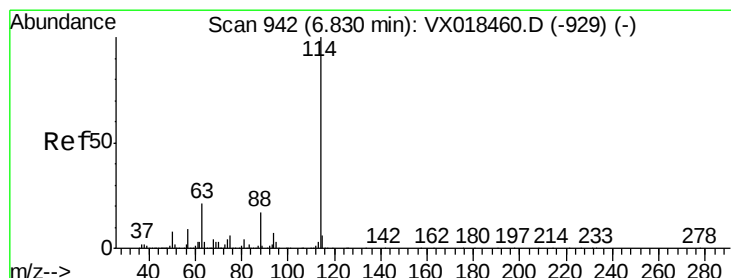
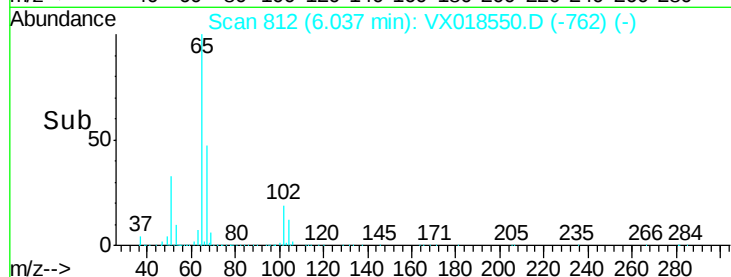
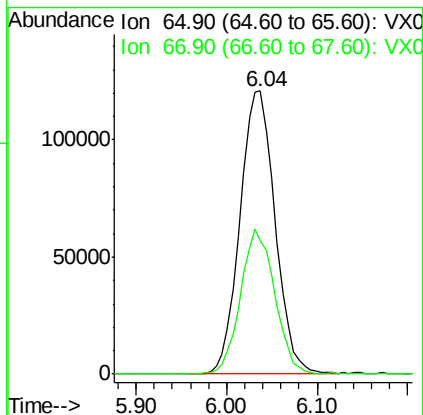
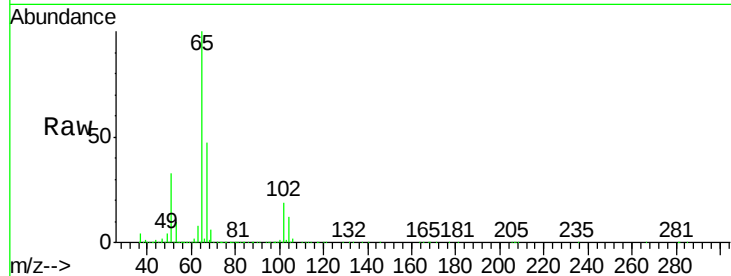
RE109D2-20200917

Tot Ion: 65 Resp: 323622

Ion Ratio Lower Upper

65 100

67 49.8 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX018550.D

Acq: 23 Sep 2020 21:22

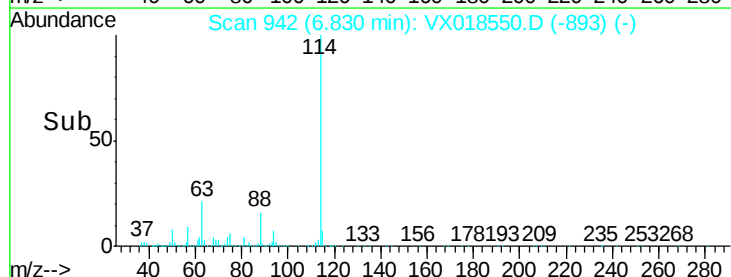
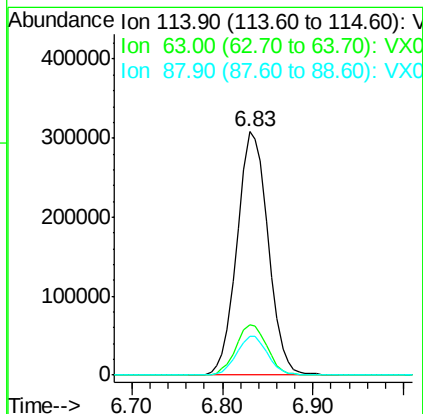
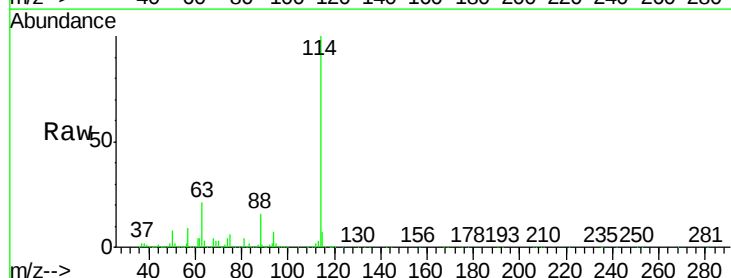
Tgt Ion: 114 Resp: 732597

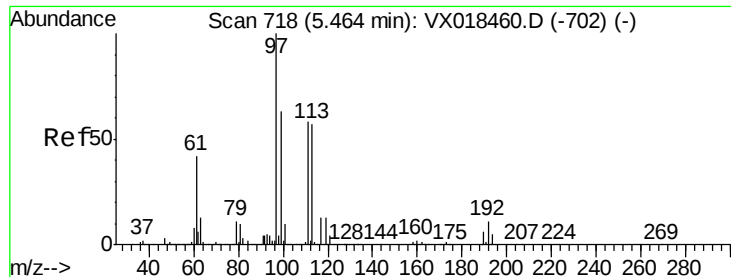
Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.8

88 16.0 0.0 33.6





#35

Dibromofluoromethane

Concen: 50.252 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX018550.D

Acq: 23 Sep 2020 21:22

Instrument :

MSVOA_X

ClientSampleId :

RE109D2-20200917

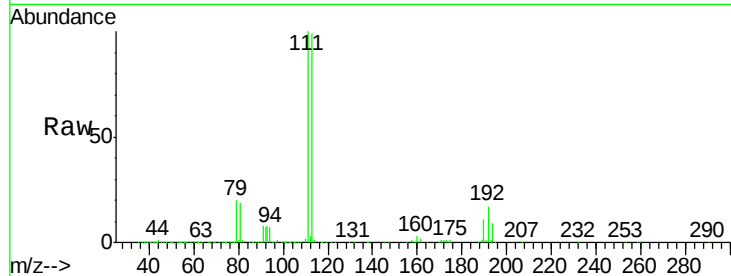
Tot Ion:113 Resp: 254502

Ion Ratio Lower Upper

113 100

111 100.3 81.4 122.2

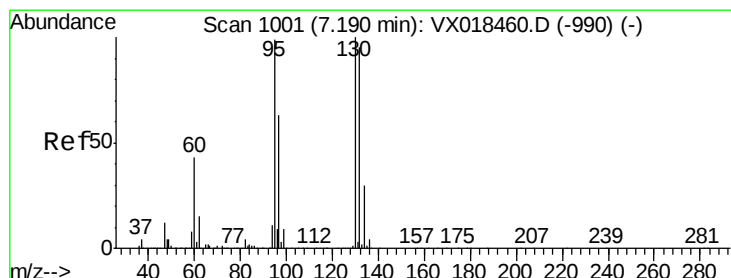
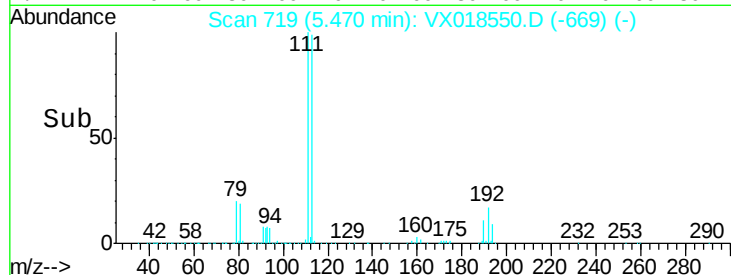
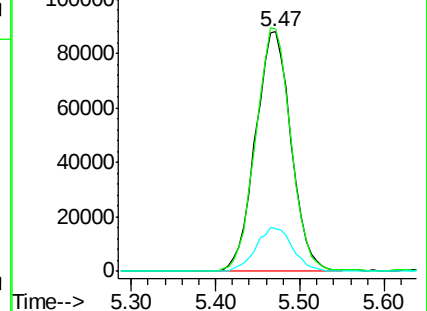
192 18.8 16.6 24.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#44

Trichloroethene

Concen: 30.384 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX018550.D

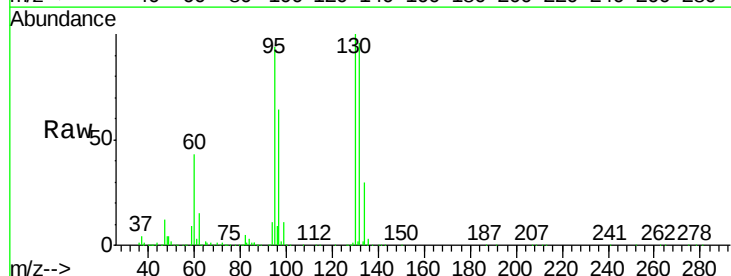
Acq: 23 Sep 2020 21:22

Tgt Ion:130 Resp: 179240

Ion Ratio Lower Upper

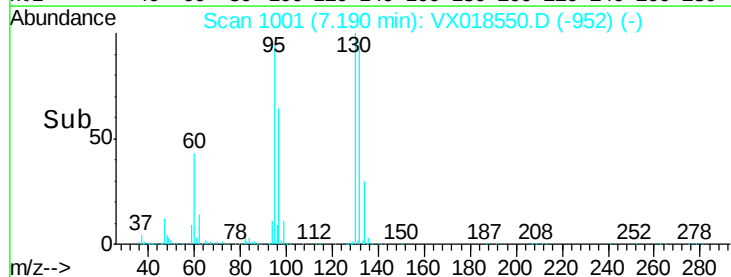
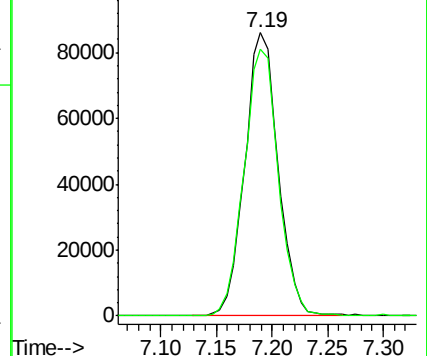
130 100

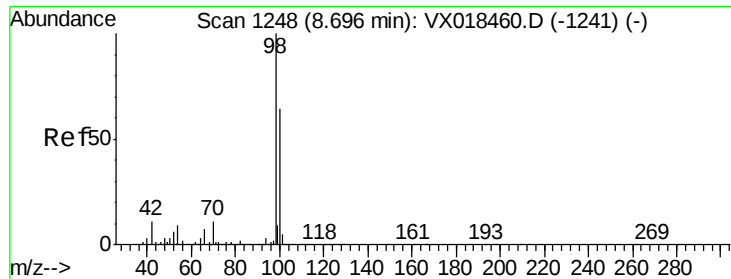
95 94.3 0.0 197.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V

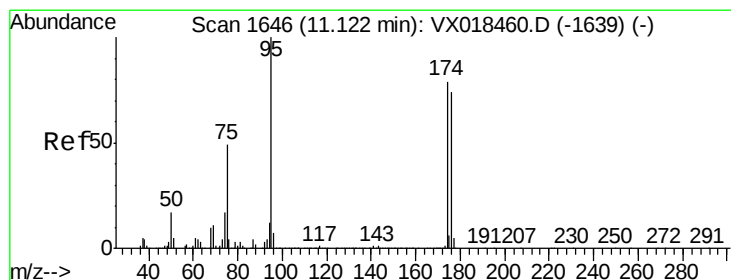
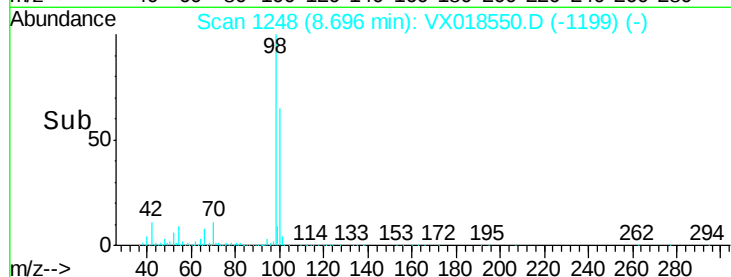
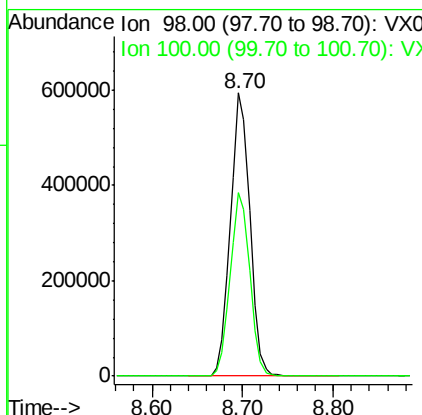
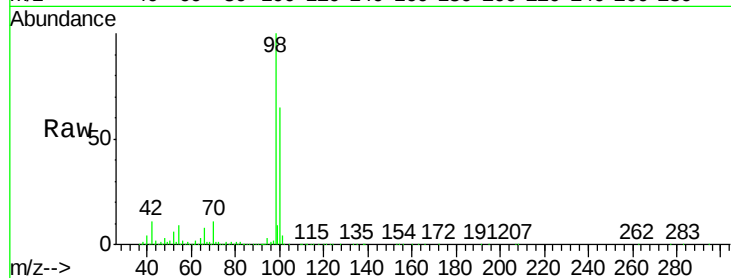




#50
Toluene-d8
Concen: 48.355 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX018550.D
Acq: 23 Sep 2020 21:22

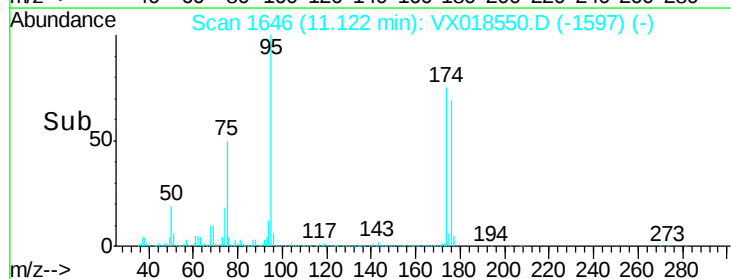
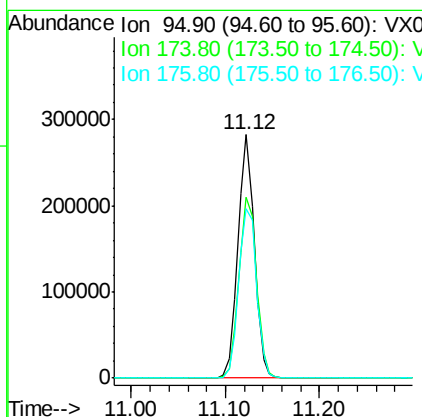
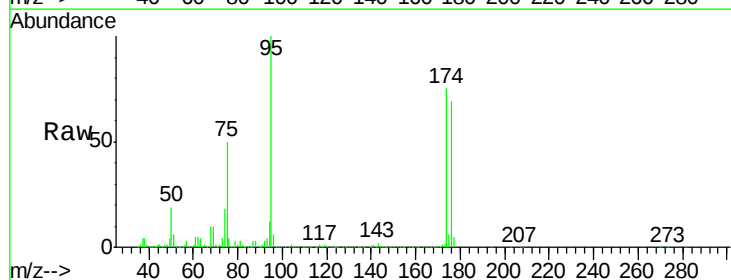
Instrument :
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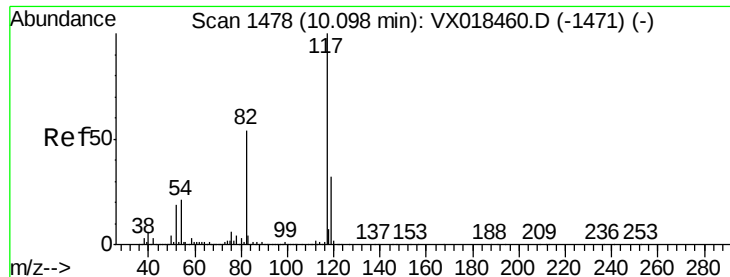
Tot Ion: 98 Resp: 889796
Ion Ratio Lower Upper
98 100
100 65.1 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 46.758 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX018550.D
Acq: 23 Sep 2020 21:22

Tgt Ion: 95 Resp: 342248
Ion Ratio Lower Upper
95 100
174 80.3 0.0 161.4
176 76.2 0.0 151.4

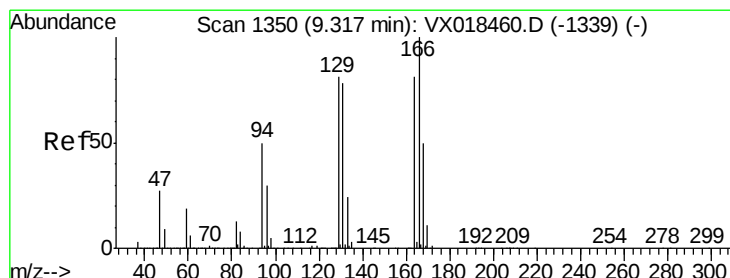
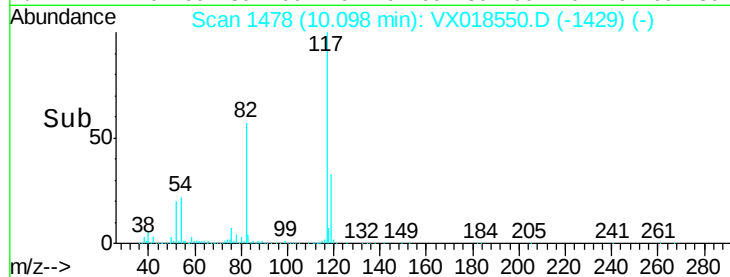
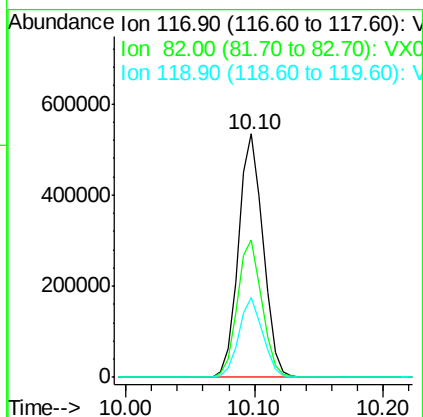
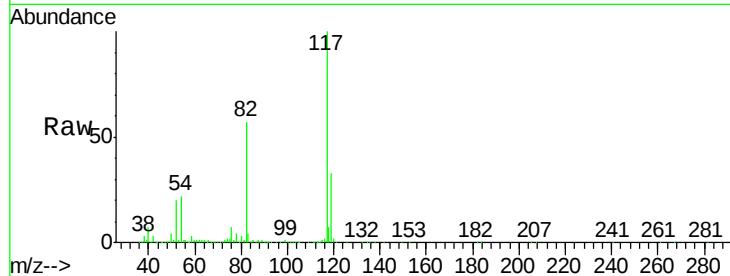




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018550.D
Acq: 23 Sep 2020 21:22

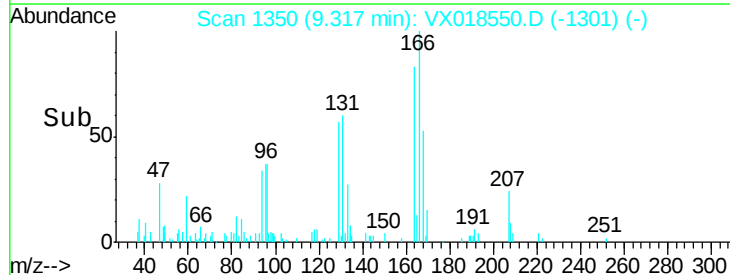
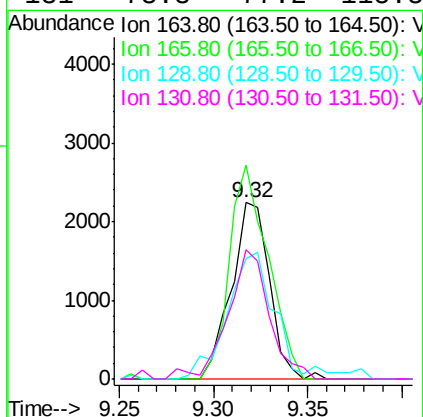
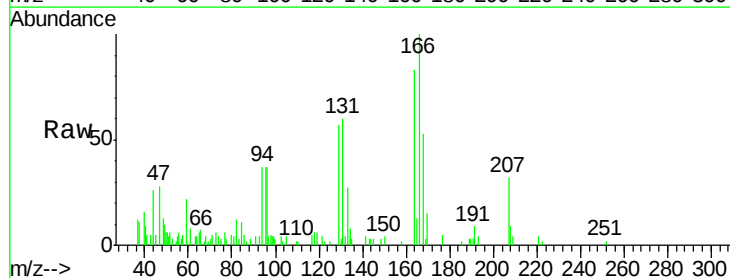
Instrument :
MSVOA_X
ClientSampleId :
RE109D2-20200917

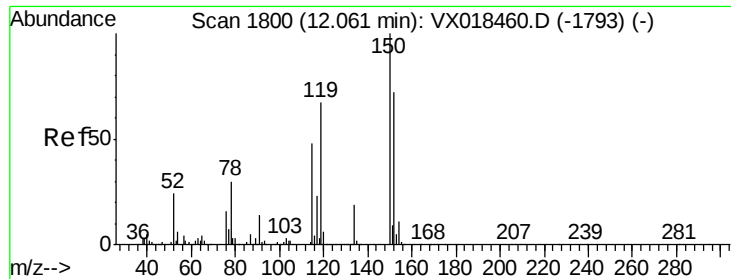
Tot Ion:117 Resp: 705630
Ion Ratio Lower Upper
117 100
82 56.6 43.3 64.9
119 32.7 25.9 38.9



#64
Tetrachloroethene
Concen: 0.567 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018550.D
Acq: 23 Sep 2020 21:22

Tgt Ion:164 Resp: 3151
Ion Ratio Lower Upper
164 100
166 121.1 99.3 148.9
129 66.3 80.7 121.1#
131 73.3 77.2 115.8#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX018550.D

Acq: 23 Sep 2020 21:22

Instrument :

MSVOA_X

ClientSampleId :

RE109D2-20200917

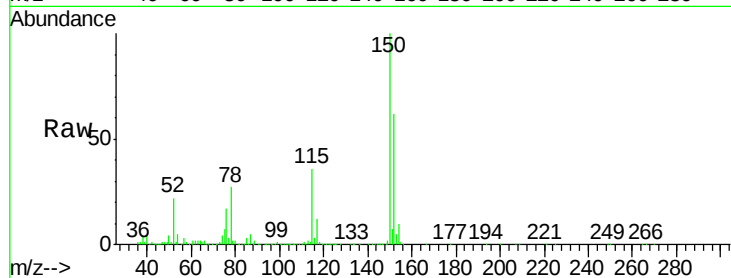
Tot Ion:152 Resp: 370524

Ion Ratio Lower Upper

152 100

115 57.0 41.8 125.4

150 153.1 0.0 342.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

