

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090719\
 Data File : VX012208.D
 Acq On : 08 Sep 2019 08:07
 Operator : SY/SP
 Sample : K4650-15
 Misc : 4.98g/5.0mL/MSVOA X/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-8

Quant Time: Sep 09 01:28:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 03 15:26:48 2019
 Response via : Initial Calibration

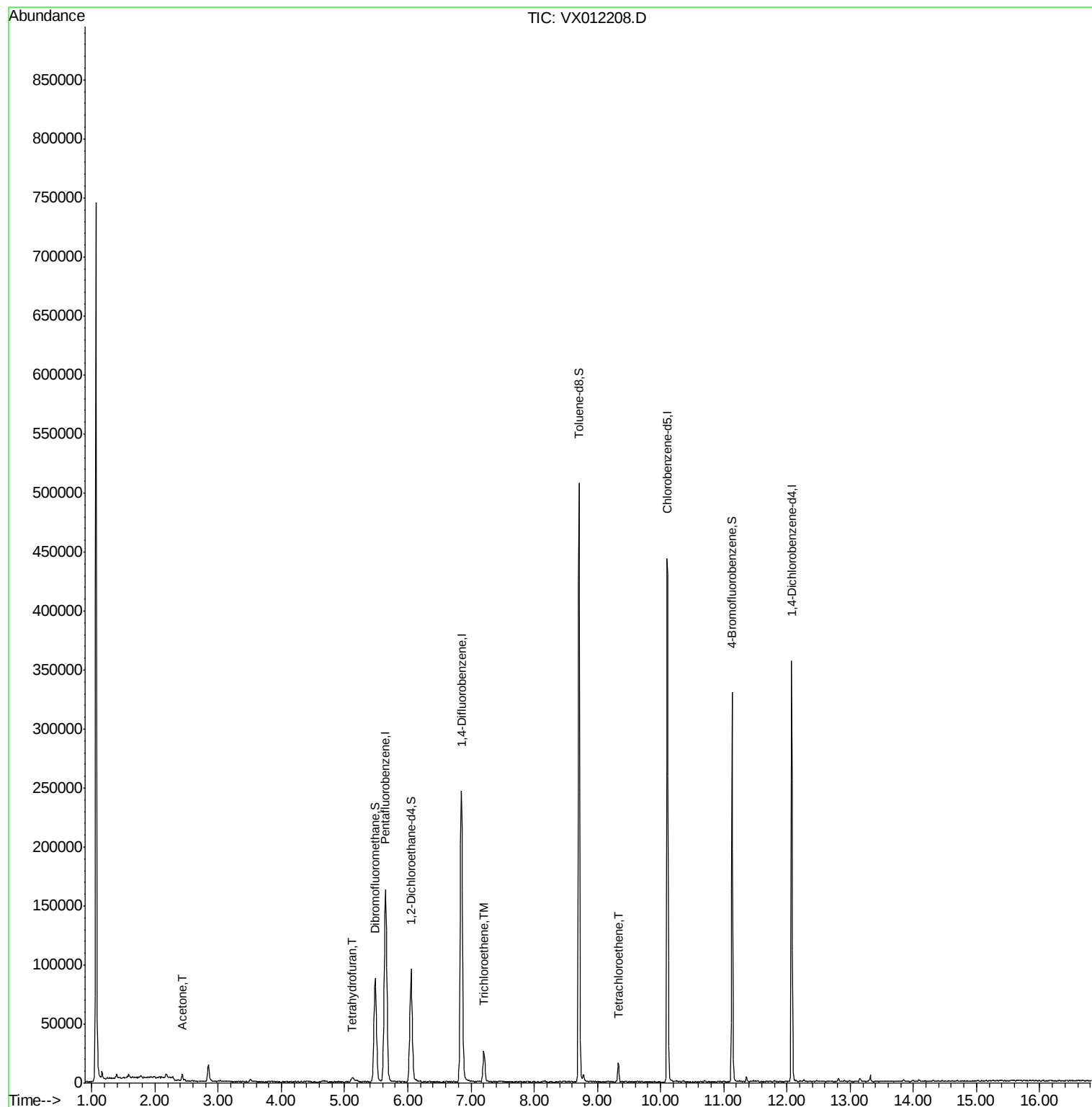
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	140064	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	239790	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	191015	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	64701	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	96366	49.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.72%	
35) Dibromofluoromethane	5.48	113	72700	49.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.60%	
50) Toluene-d8	8.71	98	278449	51.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.92%	
62) 4-Bromofluorobenzene	11.14	95	92039	36.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.14%	
Target Compounds						
16) Acetone	2.43	43	6361	13.770	ug/l	93
29) Tetrahydrofuran	5.12	42	3987	11.254	ug/l	96
44) Trichloroethene	7.20	130	9966	6.094	ug/l	85
64) Tetrachloroethene	9.33	164	2418	2.030	ug/l #	83

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

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX012208.D

Acq: 08 Sep 2019 08:07

Instrument :

MSVOA_X

ClientSampled :

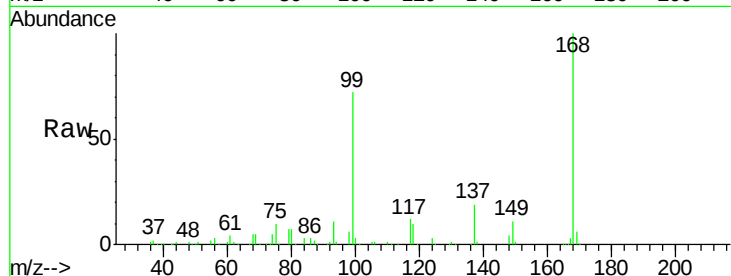
TP-8

Tot Ion:168 Resp: 140064

Ion Ratio Lower Upper

168 100

99 72.2 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

50000

40000

30000

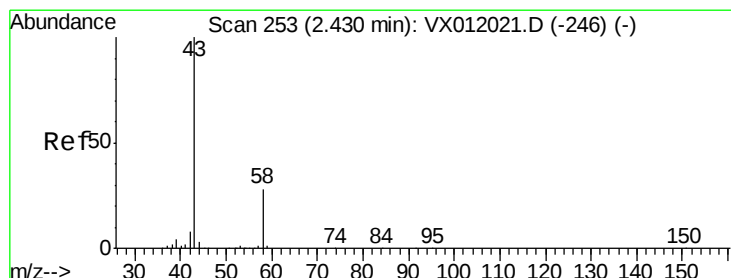
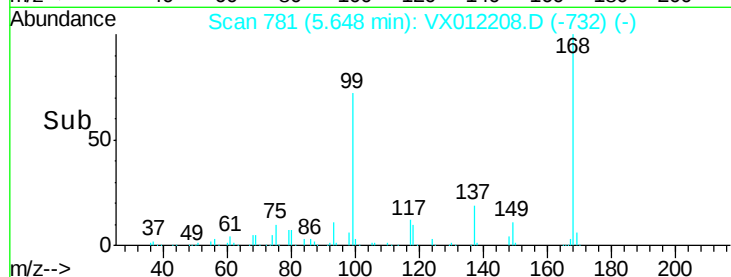
20000

10000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 13.770 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX012208.D

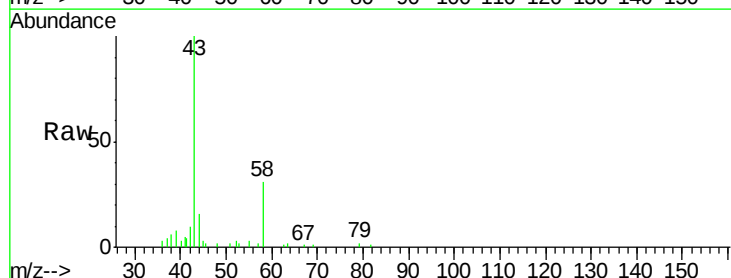
Acq: 08 Sep 2019 08:07

Tgt Ion: 43 Resp: 6361

Ion Ratio Lower Upper

43 100

58 32.0 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

4000

3000

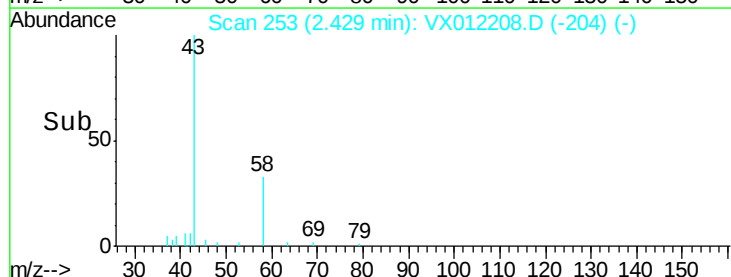
2000

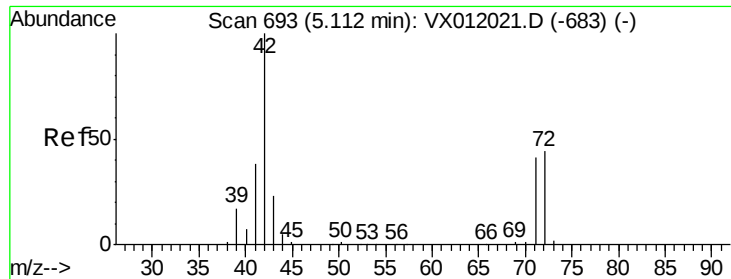
1000

0

Time-->

2.35 2.40 2.45 2.50

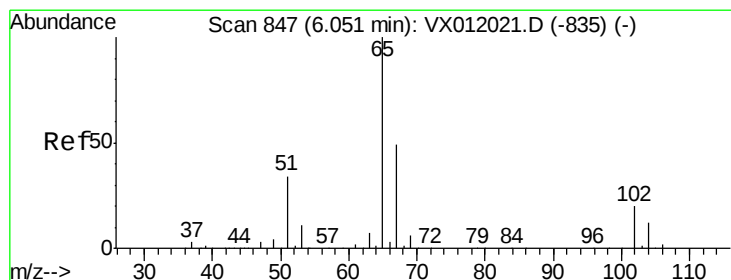
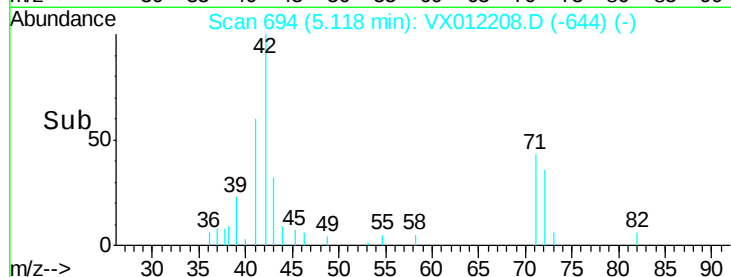
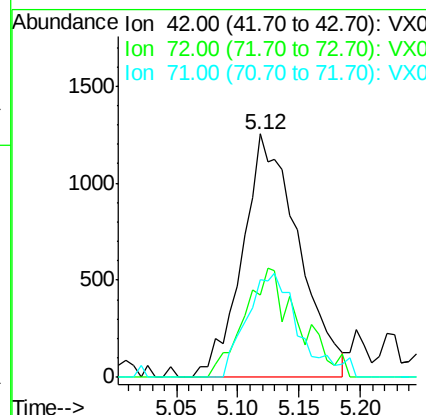
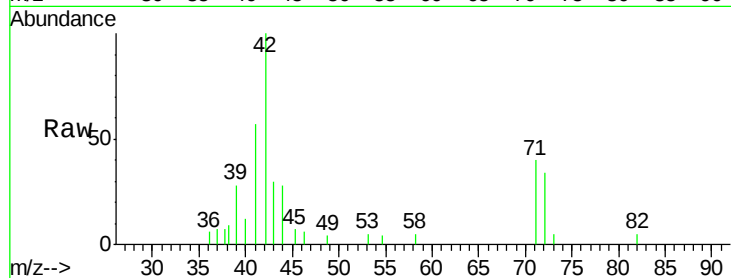




#29
Tetrahydrofuran
Concen: 11.254 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX012208.D
Acq: 08 Sep 2019 08:07

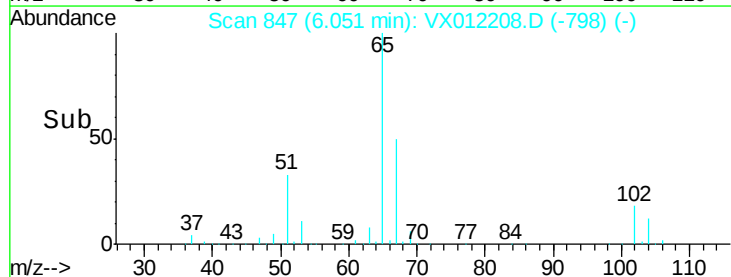
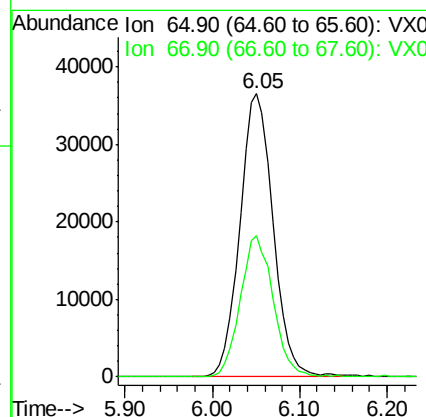
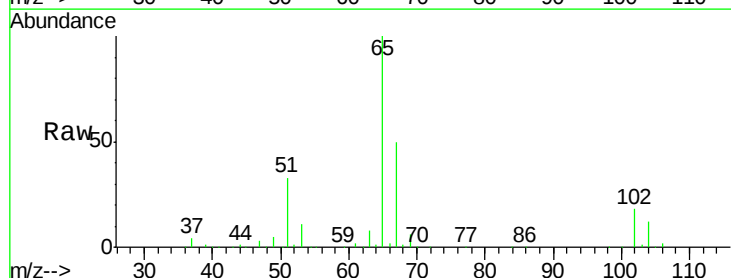
Instrument :
MSVOA_X
ClientSampleId :
TP-8

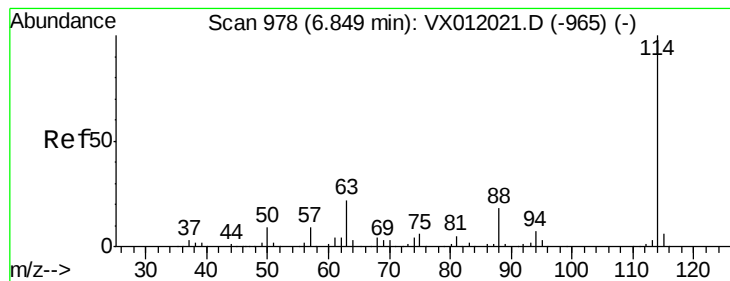
Tot Ion: 42 Resp: 3987
Ion Ratio Lower Upper
42 100
72 43.8 37.0 55.4
71 39.9 33.8 50.8



#33
1,2-Dichloroethane-d4
Concen: 49.863 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX012208.D
Acq: 08 Sep 2019 08:07

Tgt Ion: 65 Resp: 96366
Ion Ratio Lower Upper
65 100
67 49.3 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX012208.D

Acq: 08 Sep 2019 08:07

Instrument :

MSVOA_X

ClientSampled :

TP-8

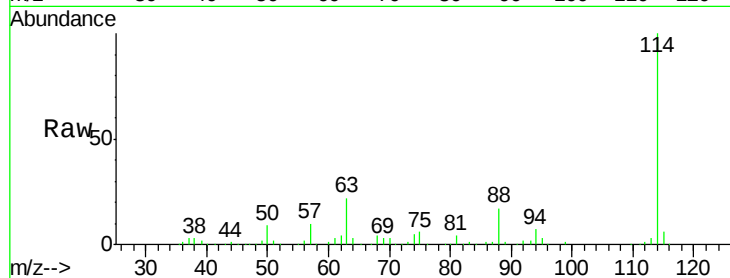
Tot Ion:114 Resp: 239790

Ion Ratio Lower Upper

114 100

63 21.9 0.0 37.4

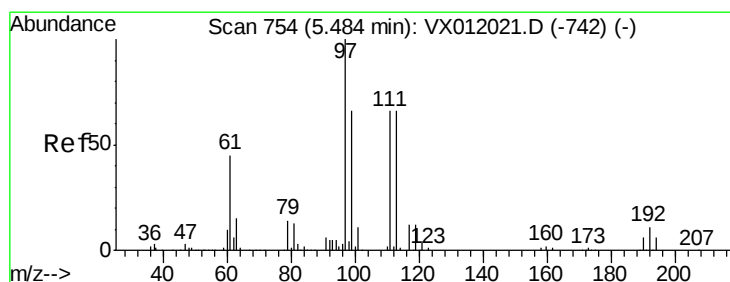
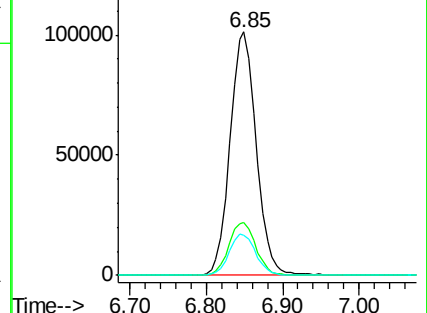
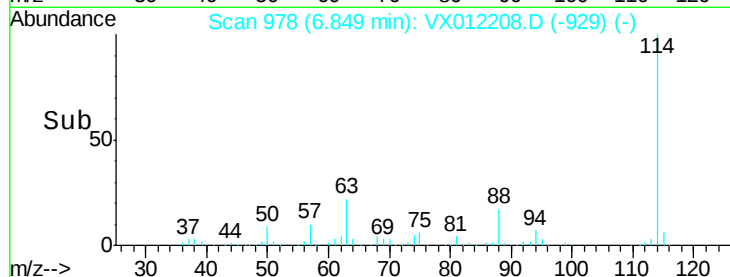
88 16.7 0.0 29.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 49.300 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012208.D

Acq: 08 Sep 2019 08:07

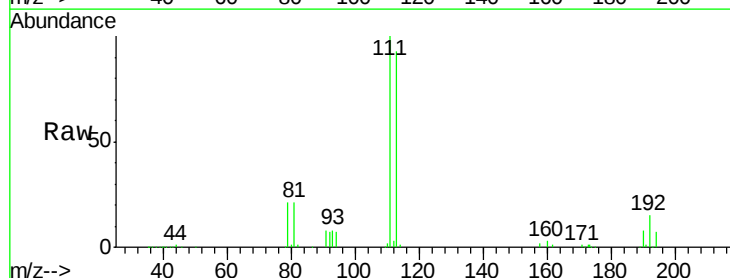
Tgt Ion:113 Resp: 72700

Ion Ratio Lower Upper

113 100

111 102.2 81.7 122.5

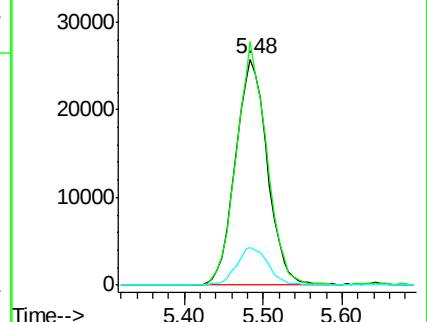
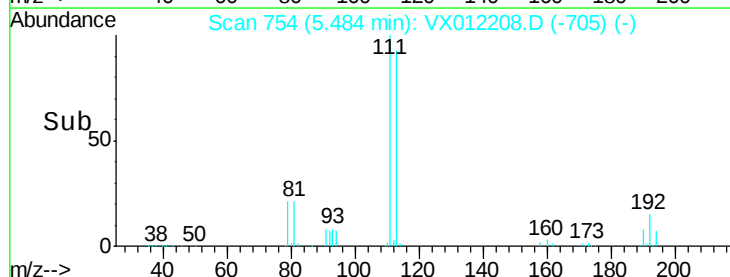
192 16.6 22.5 33.7#

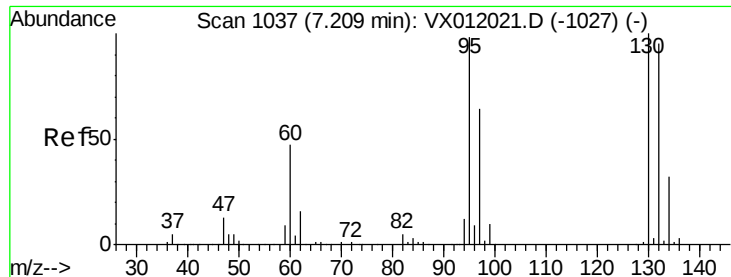


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

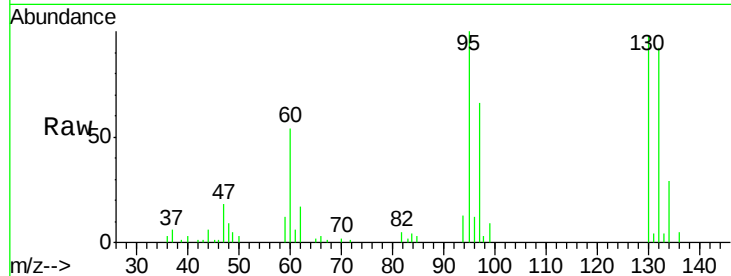




#44
 Trichloroethene
 Concen: 6.094 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: VX012208.D
 Acq: 08 Sep 2019 08:07

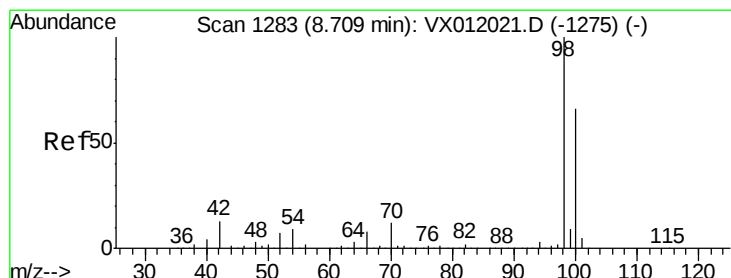
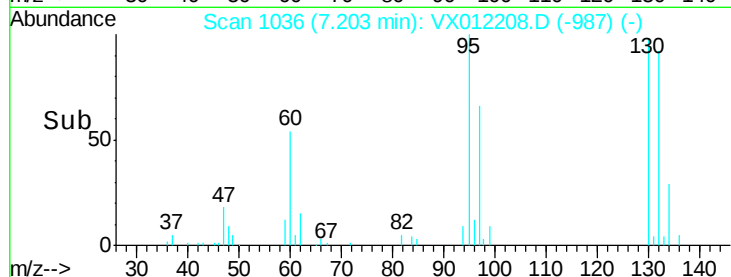
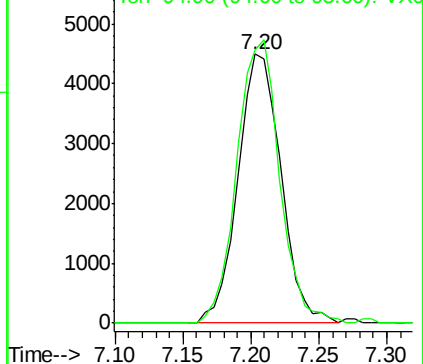
Instrument :
 MSVOA_X
 ClientSampled :
 TP-8

Tot Ion:130 Resp: 9966
 Ion Ratio Lower Upper
 130 100
 95 101.7 0.0 176.4



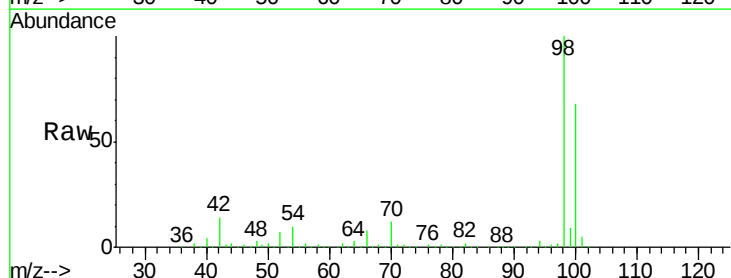
Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



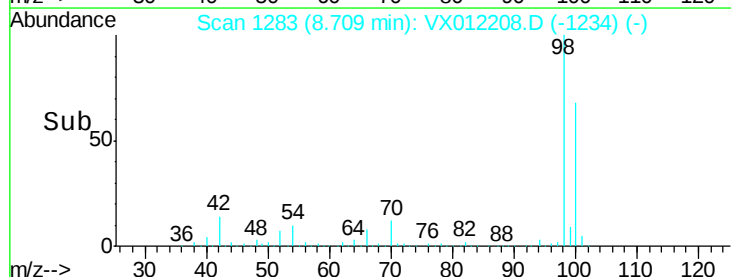
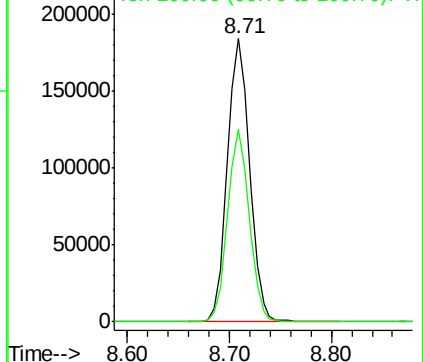
#50
 Toluene-d8
 Concen: 51.457 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: VX012208.D
 Acq: 08 Sep 2019 08:07

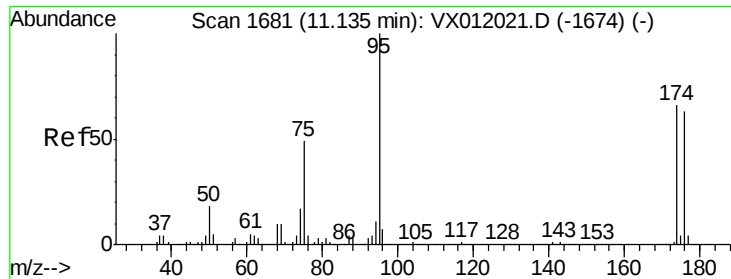
Tgt Ion: 98 Resp: 278449
 Ion Ratio Lower Upper
 98 100
 100 66.3 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 36.573 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012208.D

Acq: 08 Sep 2019 08:07

Instrument :

MSVOA_X

ClientSampled :

TP-8

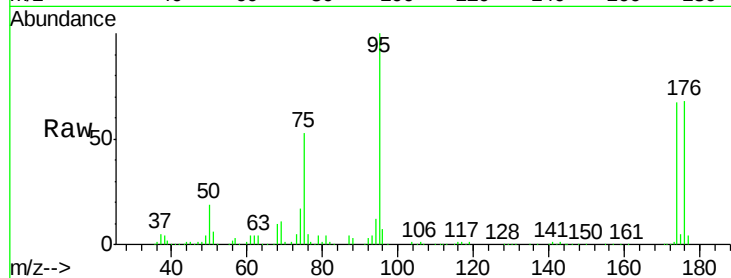
Tot Ion: 95 Resp: 92039

Ion Ratio Lower Upper

95 100

174 63.4 0.0 205.4

176 63.1 0.0 201.8

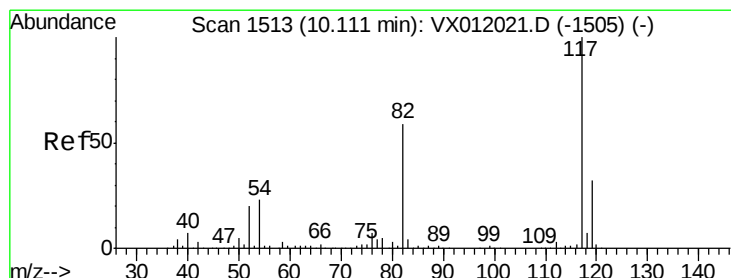
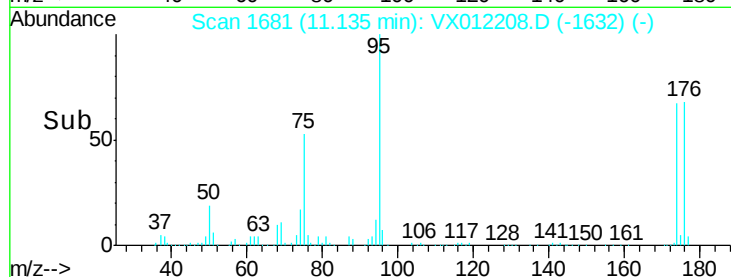


Abundance Ion 94.90 (94.60 to 95.60): VX012208.D (-1674) (-)

Ion 173.80 (173.50 to 174.50): VX012208.D (-1674) (-)

Ion 175.80 (175.50 to 176.50): VX012208.D (-1674) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX012208.D

Acq: 08 Sep 2019 08:07

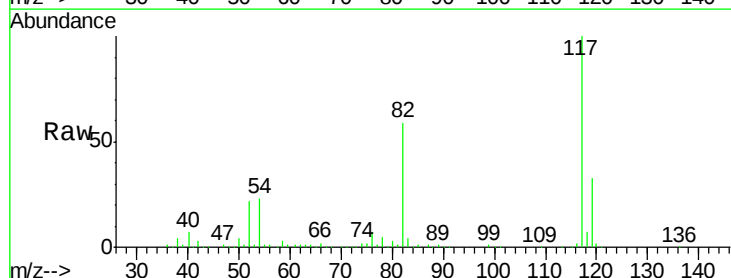
Tgt Ion: 117 Resp: 191015

Ion Ratio Lower Upper

117 100

82 58.6 39.4 59.0

119 32.8 26.1 39.1

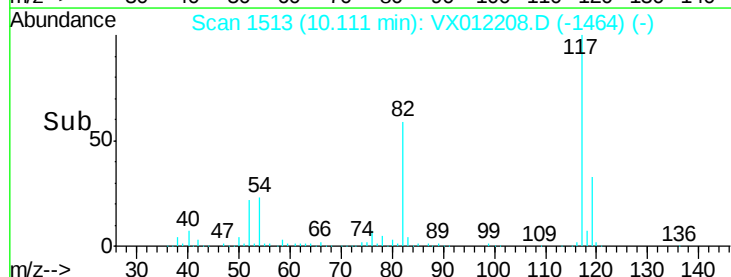


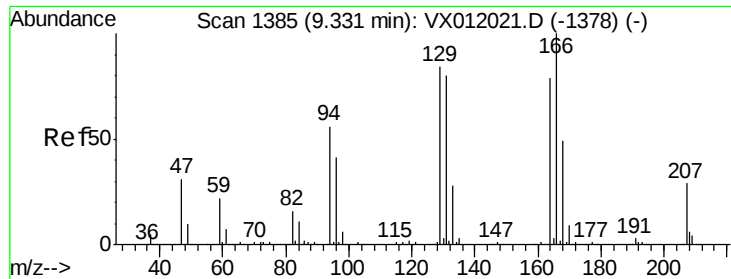
Abundance Ion 116.90 (116.60 to 117.60): VX012208.D (-1464) (-)

Ion 82.00 (81.70 to 82.70): VX012208.D (-1464) (-)

Ion 118.90 (118.60 to 119.60): VX012208.D (-1464) (-)

Time-->

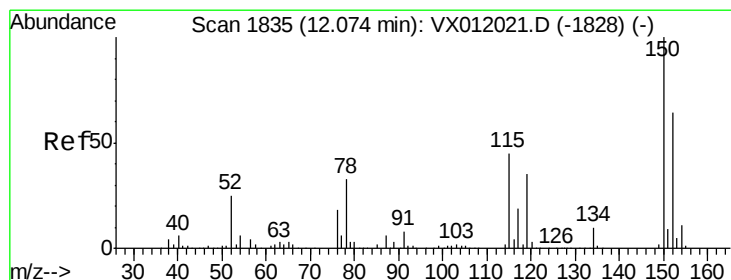
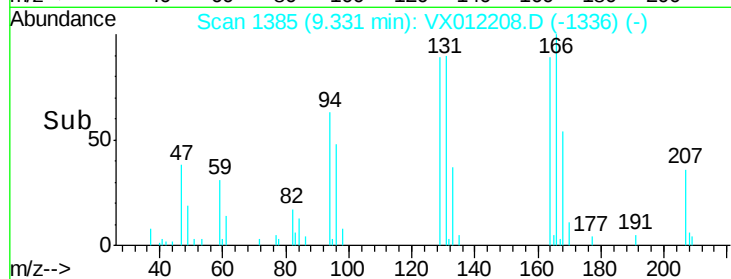
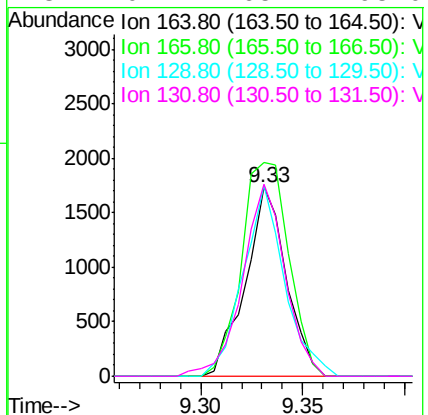
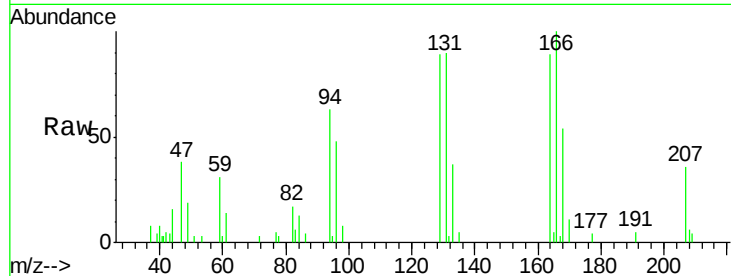




#64
Tetrachloroethene
Concen: 2.030 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012208.D
Acq: 08 Sep 2019 08:07

Instrument :
MSVOA_X
ClientSampled :
TP-8

Tot Ion:164 Resp: 2418
Ion Ratio Lower Upper
164 100
166 112.8 104.3 156.5
129 100.5 68.3 102.5
131 101.4 65.4 98.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012208.D
Acq: 08 Sep 2019 08:07

Tgt Ion:152 Resp: 64701
Ion Ratio Lower Upper
152 100
115 67.2 36.4 109.3
150 157.5 0.0 341.2

