

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032019\
 Data File : VX008268.D
 Acq On : 21 Mar 2019 02:51
 Operator : JC/SP
 Sample : K1912-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 M3-T2-OZ(PRE)

Quant Time: Mar 22 07:59:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 13:15:13 2019
 Response via : Initial Calibration

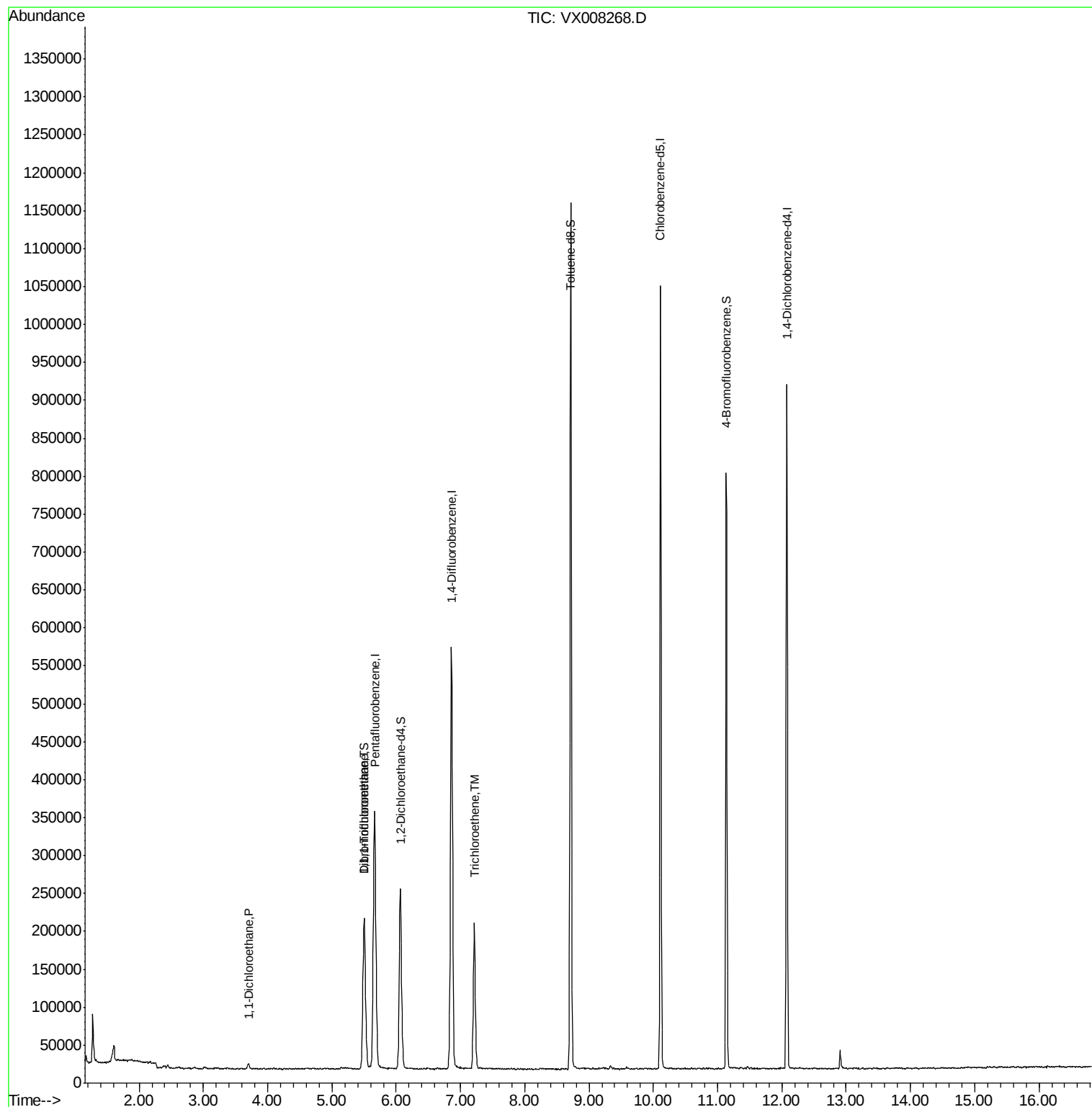
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	322726	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	527460	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	450061	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	179260	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	228581	47.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.06%	
35) Dibromofluoromethane	5.50	113	168293	47.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.32%	
50) Toluene-d8	8.71	98	652401	48.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.46%	
62) 4-Bromofluorobenzene	11.13	95	207015	44.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.82%	
Target Compounds						
24) 1,1-Dichloroethane	3.70	63	6433	0.749	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	2732	0.409	ug/l #	47
44) Trichloroethene	7.21	130	72520	16.318	ug/l	92

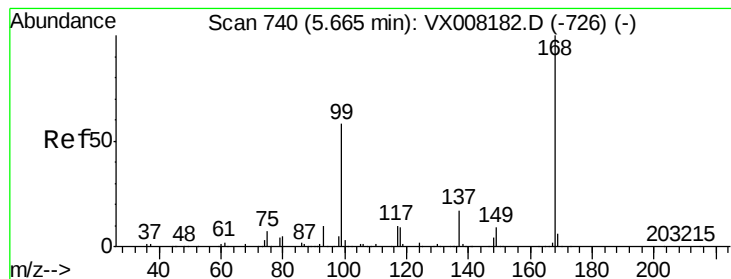
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX008268.D

Acq: 21 Mar 2019 02:51

Instrument :

MSVOA_X

ClientSampleId :

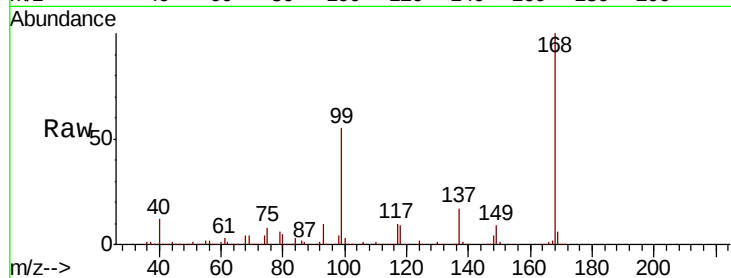
M3-T2-OZ(PRE)

Tot Ion:168 Resp: 322726

Ion Ratio Lower Upper

168 100

99 54.8 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

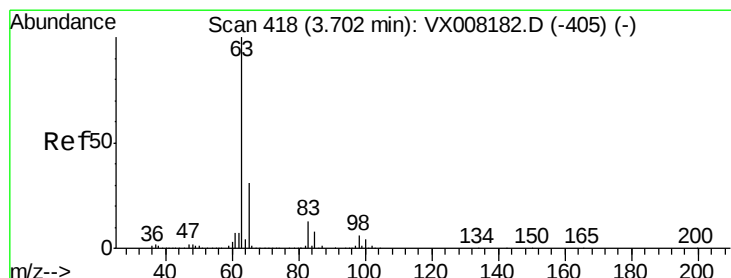
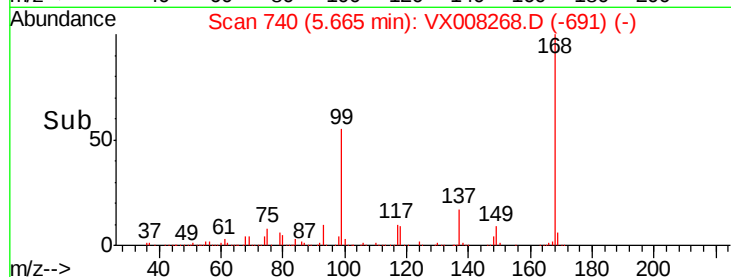
100000

50000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#24

1,1-Dichloroethane

Concen: 0.749 ug/l

RT: 3.70 min Scan# 418

Delta R.T. 0.00 min

Lab File: VX008268.D

Acq: 21 Mar 2019 02:51

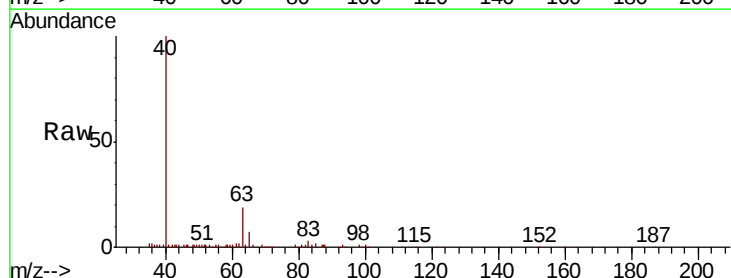
Tgt Ion: 63 Resp: 6433

Ion Ratio Lower Upper

63 100

98 6.5 3.3 9.8

100 5.9 2.3 6.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.70

3000

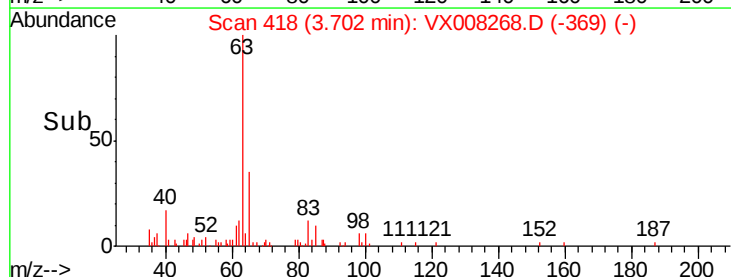
2000

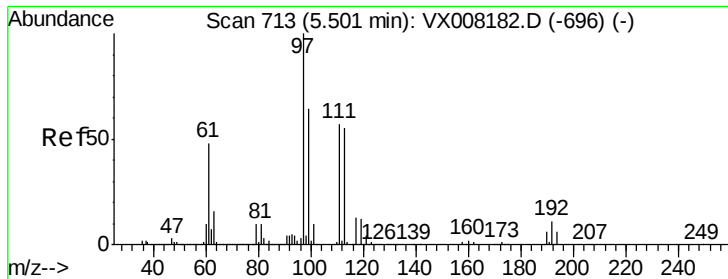
1000

0

Time-->

3.60 3.65 3.70 3.75 3.80





#32

1,1,1-Trichloroethane

Concen: 0.409 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008268.D

Acq: 21 Mar 2019 02:51

Instrument :

MSVOA_X

ClientSampleId :

M3-T2-OZ(PRE)

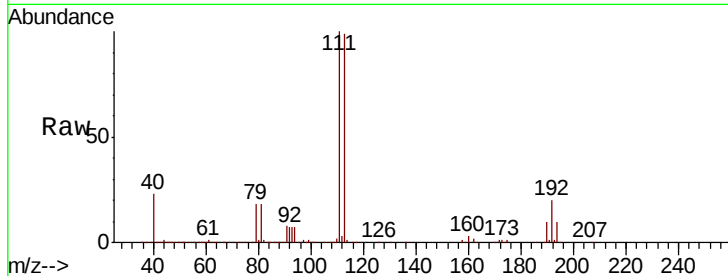
Tot Ion: 97 Resp: 2732

Ion Ratio Lower Upper

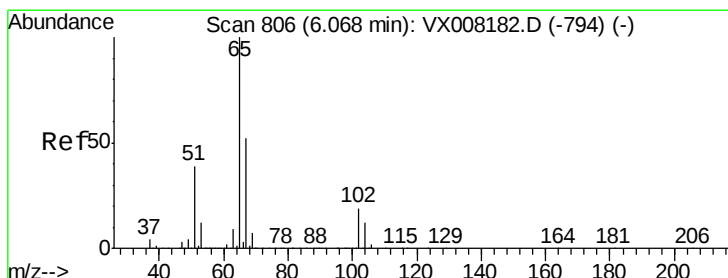
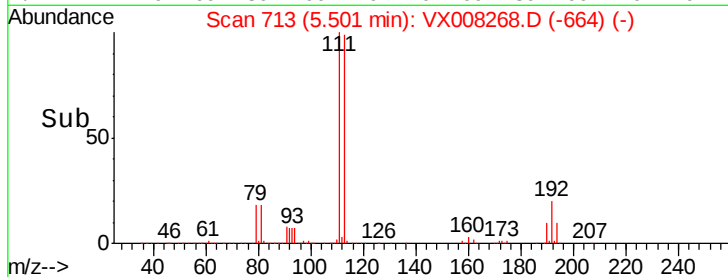
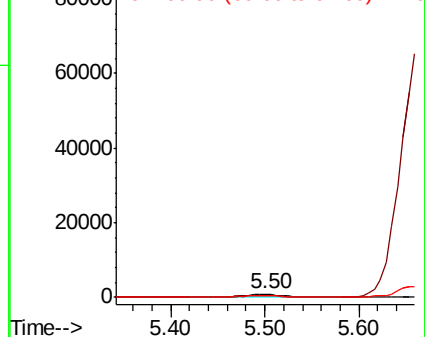
97 100

99 0.0 52.2 78.2#

61 48.5 34.9 52.3



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 47.028 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX008268.D

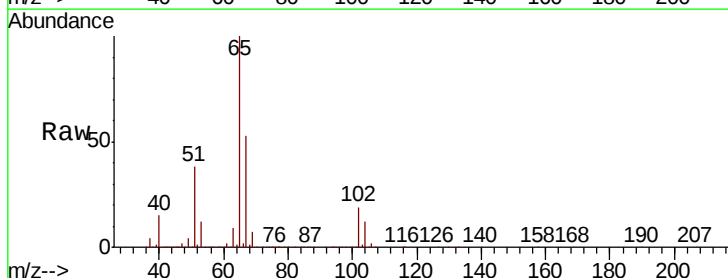
Acq: 21 Mar 2019 02:51

Tgt Ion: 65 Resp: 228581

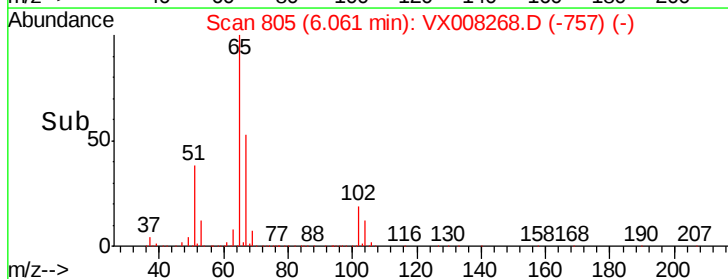
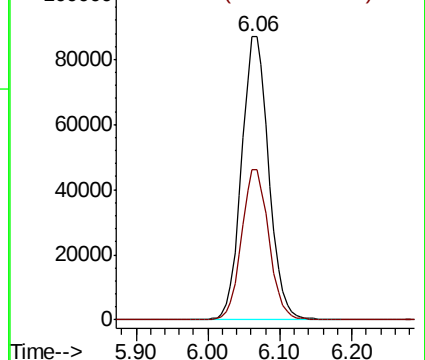
Ion Ratio Lower Upper

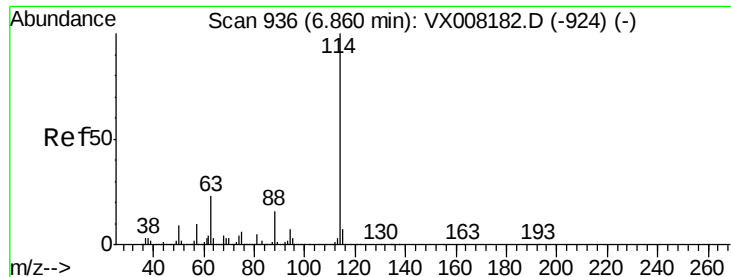
65 100

67 53.2 0.0 110.0



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX008268.D

Acq: 21 Mar 2019 02:51

Instrument :

MSVOA_X

ClientSampleId :

M3-T2-OZ(PRE)

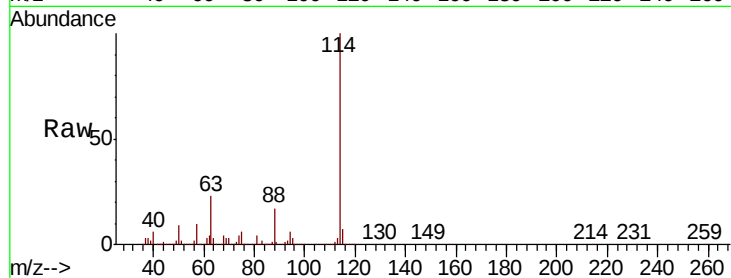
Tot Ion:114 Resp: 527460

Ion Ratio Lower Upper

114 100

63 22.8 0.0 39.8

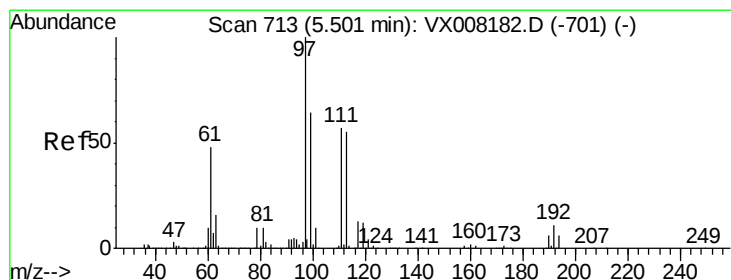
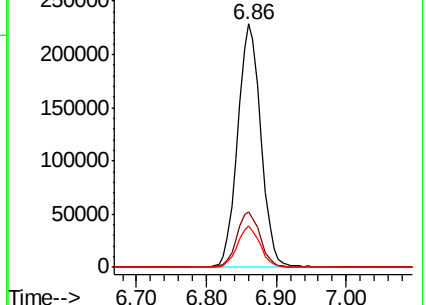
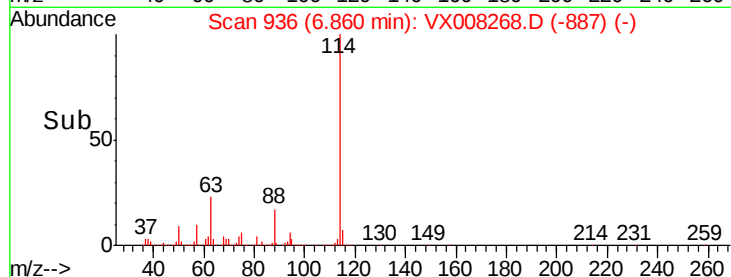
88 17.1 0.0 31.4



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: 47.662 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008268.D

Acq: 21 Mar 2019 02:51

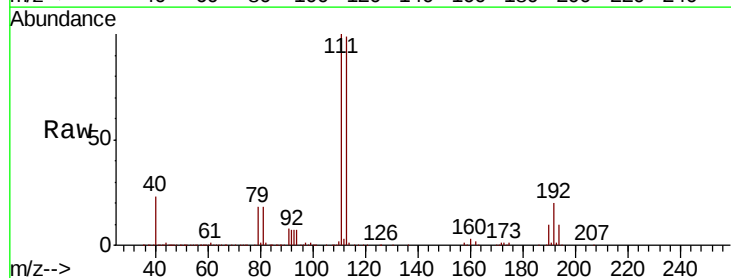
Tgt Ion:113 Resp: 168293

Ion Ratio Lower Upper

113 100

111 102.2 81.4 122.0

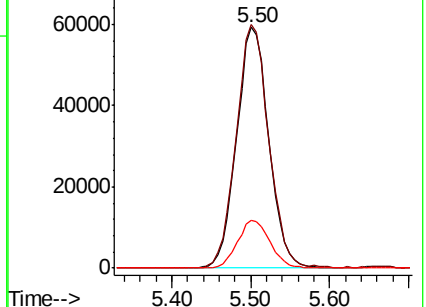
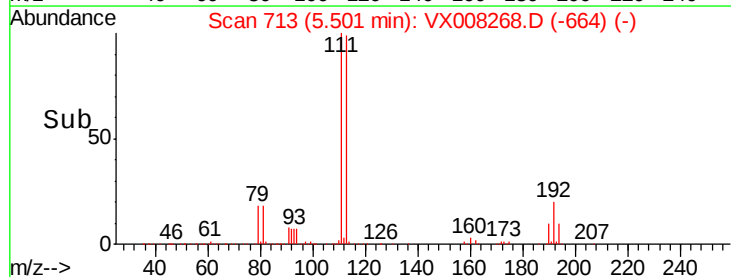
192 20.3 19.4 29.0

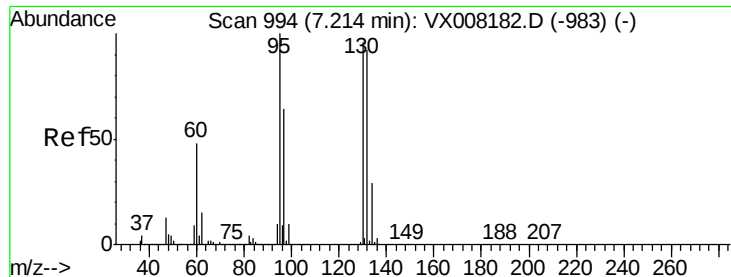


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 16.318 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX008268.D

Acq: 21 Mar 2019 02:51

Instrument :

MSVOA_X

ClientSampleId :

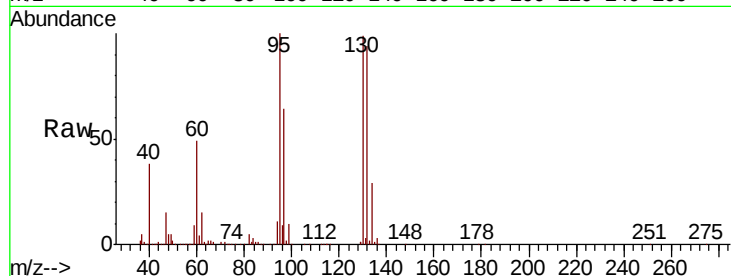
M3-T2-OZ(PRE)

Tot Ion:130 Resp: 72520

Ion Ratio Lower Upper

130 100

95 101.3 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

40000

30000

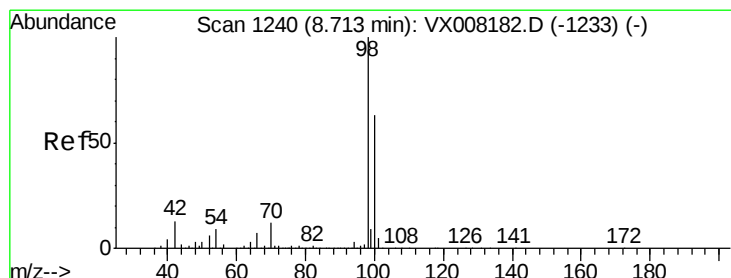
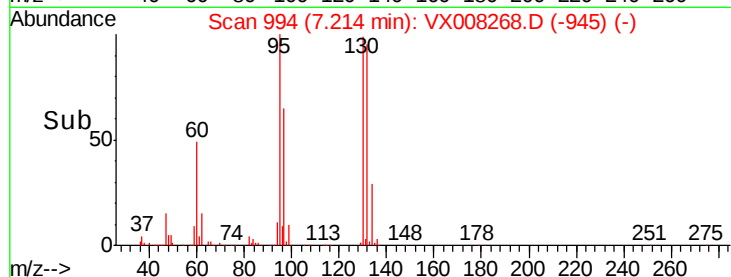
20000

10000

0

Time-->

7.10 7.20 7.30



#50

Toluene-d8

Concen: 48.733 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX008268.D

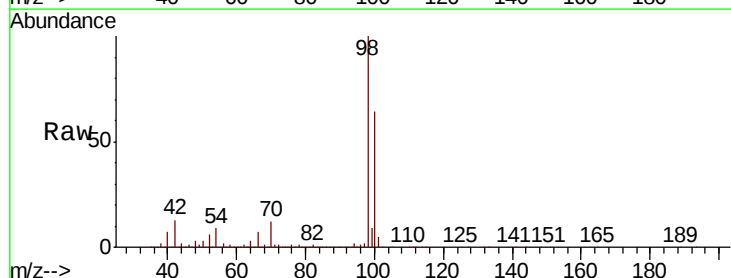
Acq: 21 Mar 2019 02:51

Tgt Ion: 98 Resp: 652401

Ion Ratio Lower Upper

98 100

100 63.8 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

500000

400000

300000

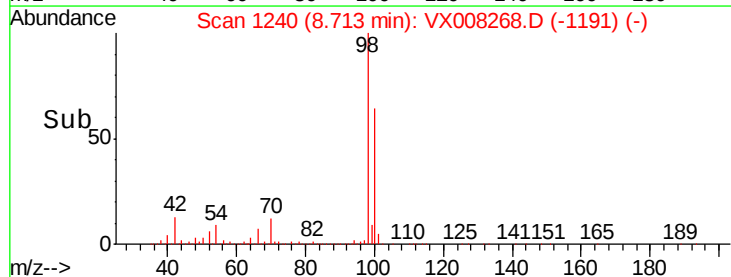
200000

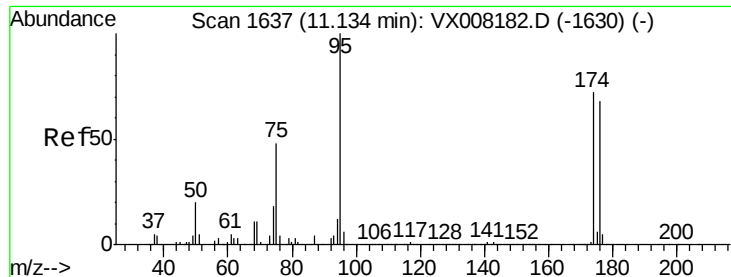
100000

0

Time-->

8.60 8.70 8.80





#62

4-Bromofluorobenzene

Concen: 44.911 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008268.D

Acq: 21 Mar 2019 02:51

Instrument :

MSVOA_X

ClientSampleId :

M3-T2-OZ(PRE)

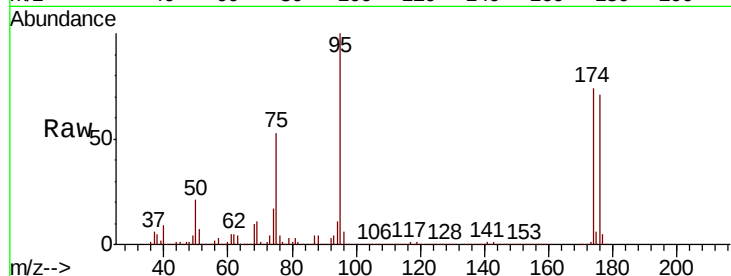
Tot Ion: 95 Resp: 207015

Ion Ratio Lower Upper

95 100

174 79.7 0.0 182.8

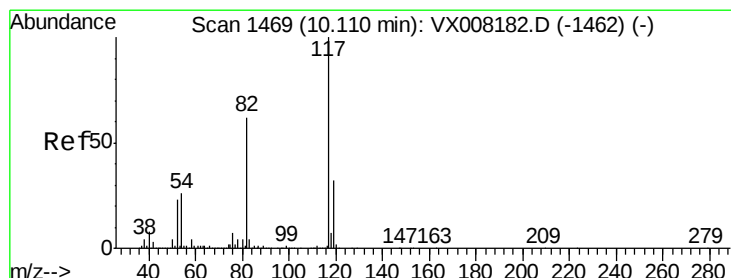
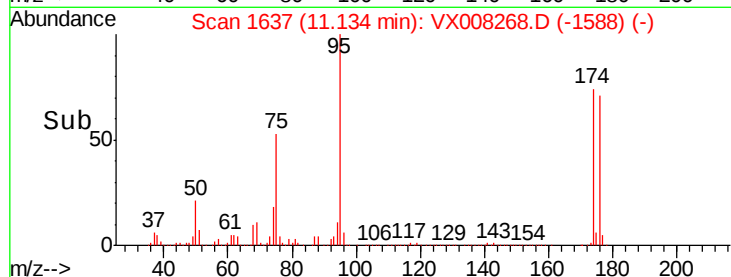
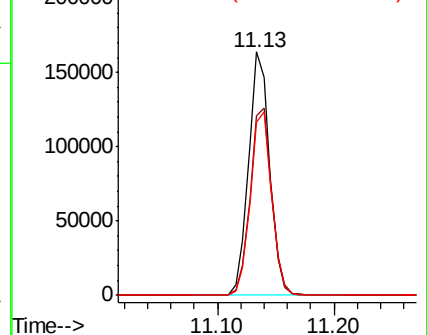
176 76.6 0.0 178.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX008268.D

Acq: 21 Mar 2019 02:51

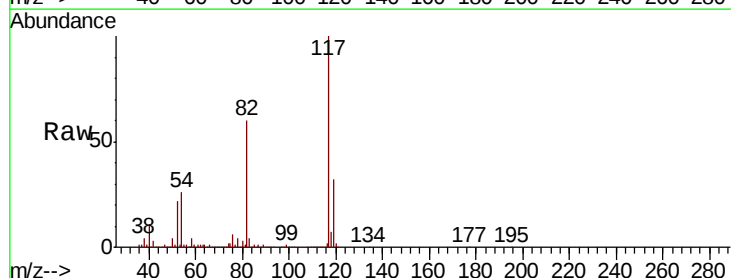
Tgt Ion: 117 Resp: 450061

Ion Ratio Lower Upper

117 100

82 60.4 44.3 66.5

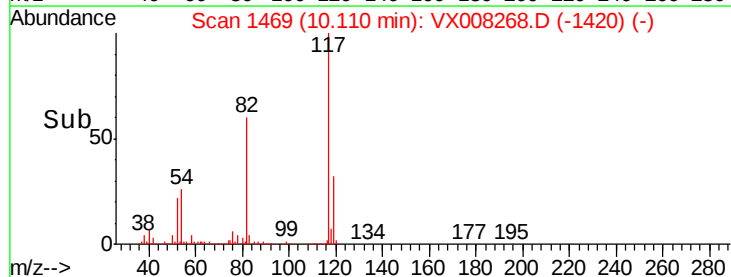
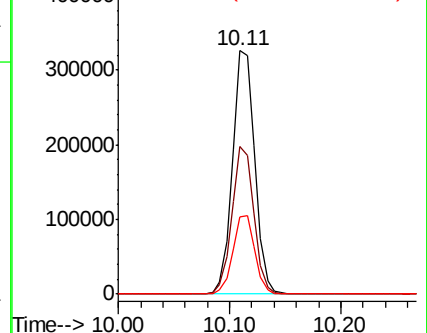
119 31.7 25.3 37.9

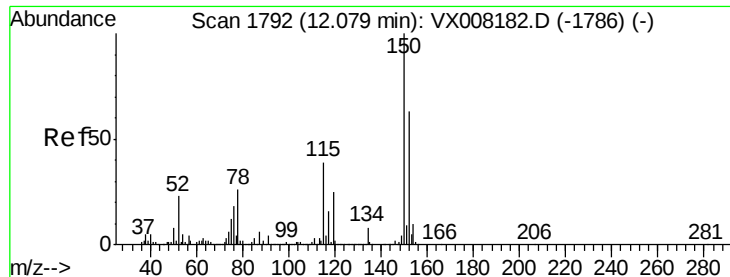


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008268.D

Acq: 21 Mar 2019 02:51

Instrument :

MSVOA_X

ClientSampleId :

M3-T2-OZ(PRE)

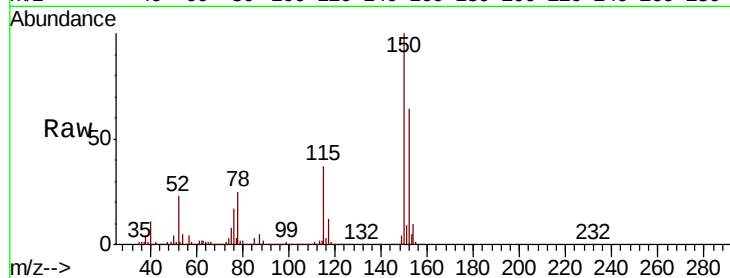
Tot Ion:152 Resp: 179260

Ion Ratio Lower Upper

152 100

115 60.6 38.6 115.7

150 157.9 0.0 348.4



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

