

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073119\
 Data File : VX011250.D
 Acq On : 31 Jul 2019 18:03
 Operator : JC/SP
 Sample : K4026-01DL 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0684DL

Quant Time: Aug 01 03:10:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

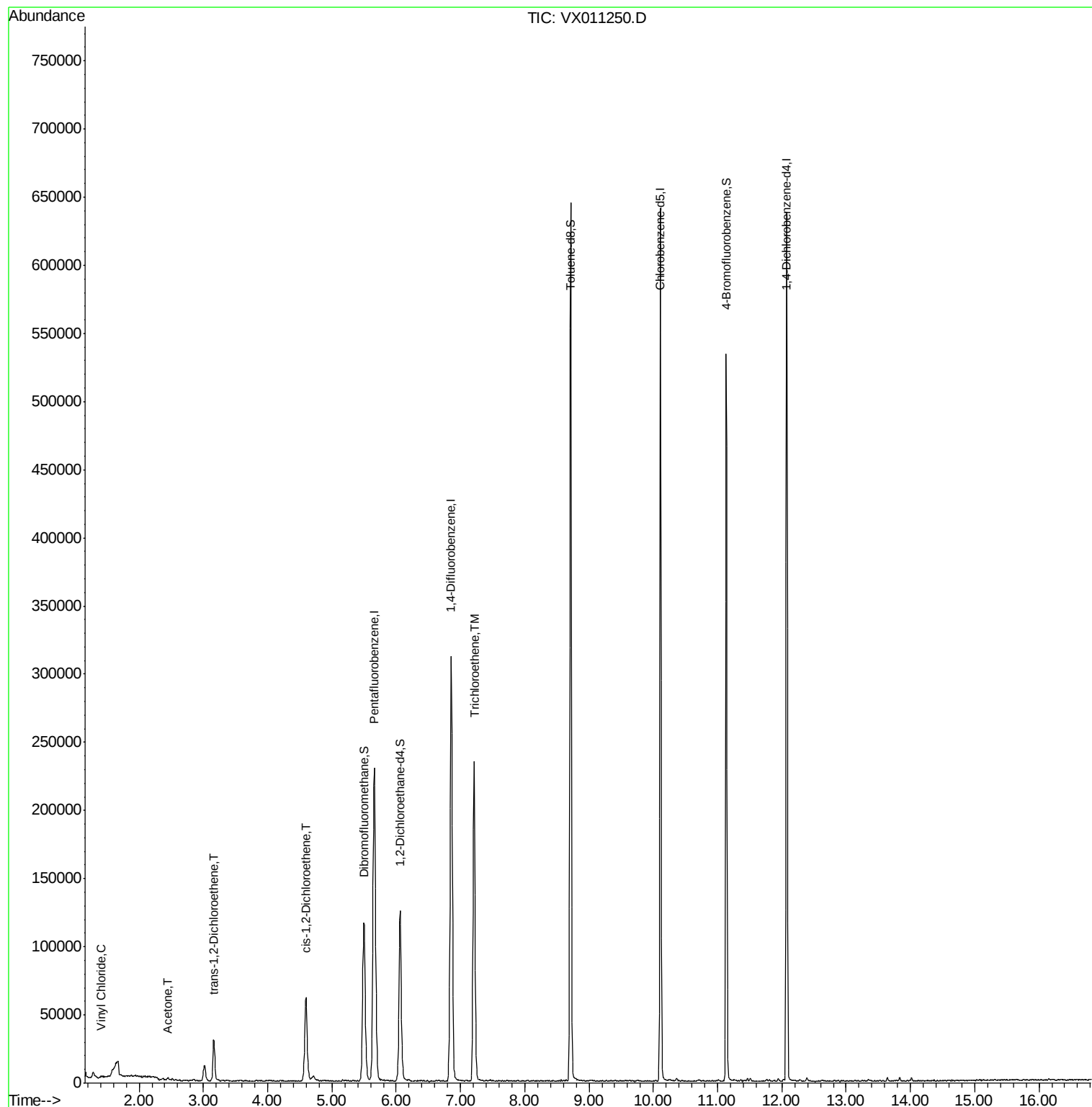
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	232489	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	329556	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	291697	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	139313	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	116471	47.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.18%	
35) Dibromofluoromethane	5.50	113	97891	46.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.60%	
50) Toluene-d8	8.71	98	383465	48.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.76%	
62) 4-Bromofluorobenzene	11.13	95	130647	45.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.60%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.40	62	1204	0.552	ug/l #	76
16) Acetone	2.45	43	2590	2.319	ug/l	90
21) trans-1,2-Dichloroethene	3.16	96	13781	6.272	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	42261	16.619	ug/l	88
44) Trichloroethene	7.21	130	93411	38.057	ug/l	94

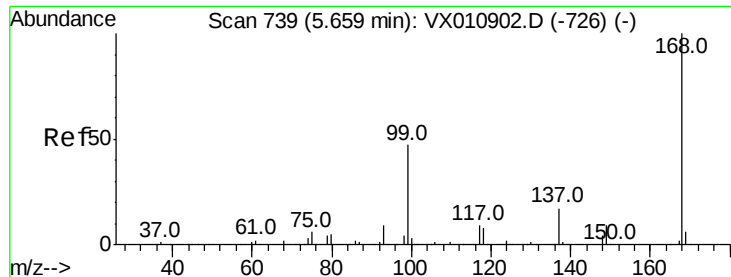
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jul 24 05:39:23 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX011250.D

Acq: 31 Jul 2019 18:03

Instrument :

MSVOA_X

ClientSampleId :

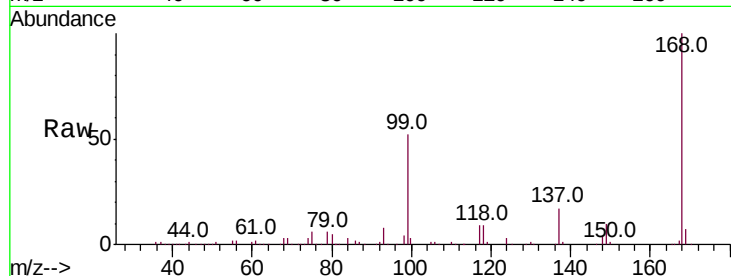
Z3-0684DL

Tot Ion:168 Resp: 232489

Ion Ratio Lower Upper

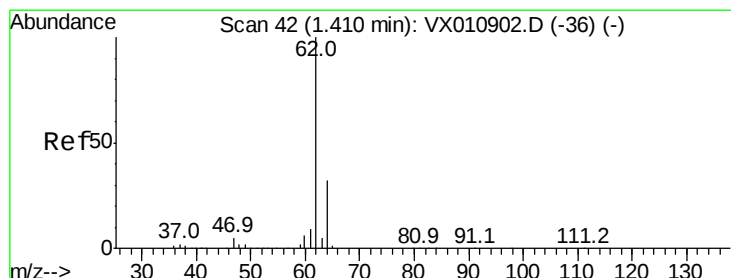
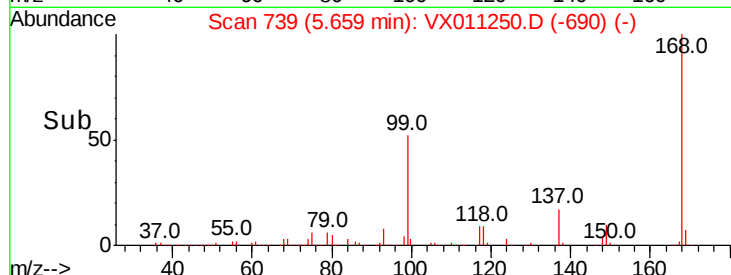
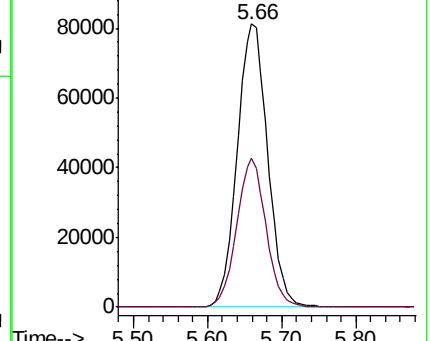
168 100

99 52.4 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 0.552 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX011250.D

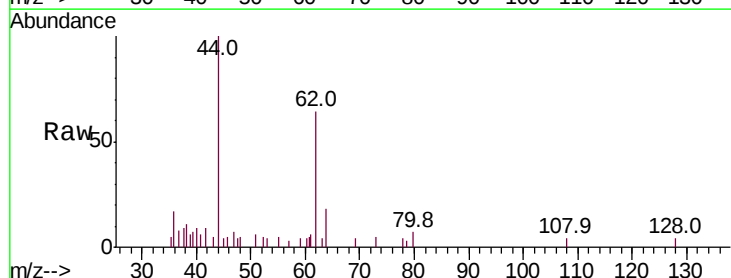
Acq: 31 Jul 2019 18:03

Tgt Ion: 62 Resp: 1204

Ion Ratio Lower Upper

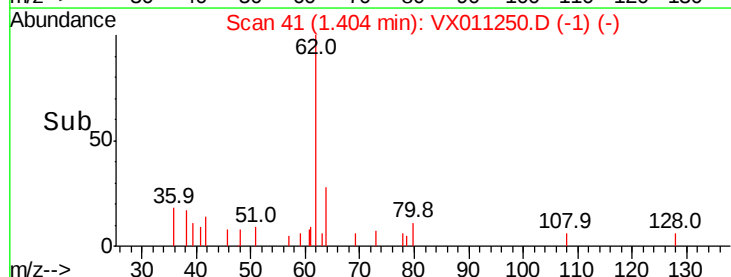
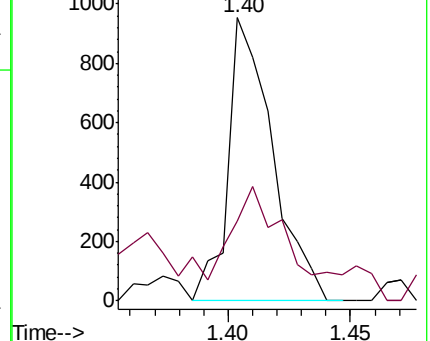
62 100

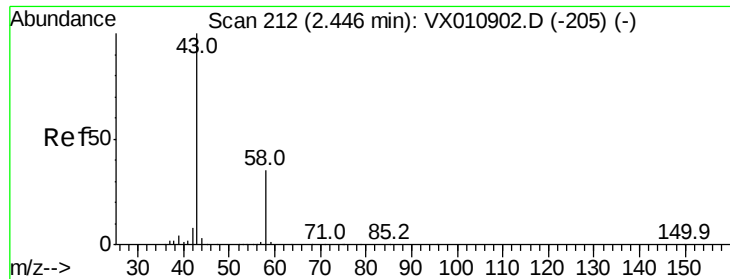
64 18.8 25.7 38.5#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#16

Acetone

Concen: 2.319 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX011250.D

Acq: 31 Jul 2019 18:03

Instrument :

MSVOA_X

ClientSampleId :

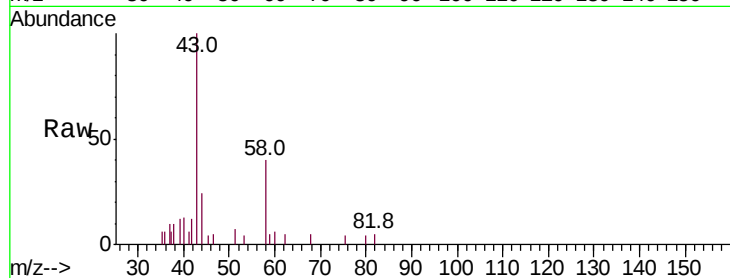
Z3-0684DL

Tot Ion: 43 Resp: 2590

Ion Ratio Lower Upper

43 100

58 40.1 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

1500

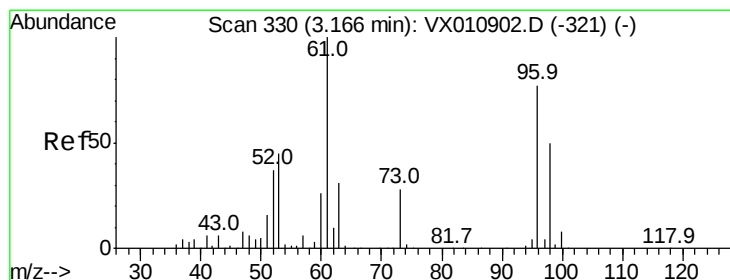
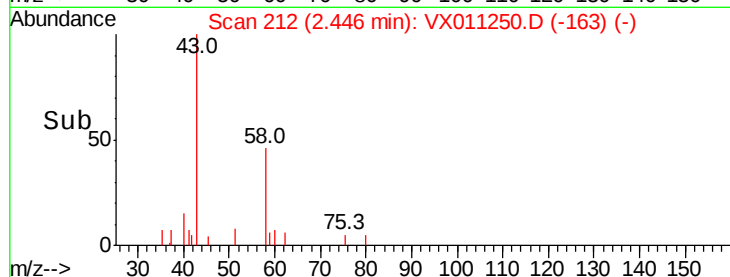
1000

500

0

2.35 2.40 2.45 2.50

Time-->



#21

trans-1,2-Dichloroethene

Concen: 6.272 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX011250.D

Acq: 31 Jul 2019 18:03

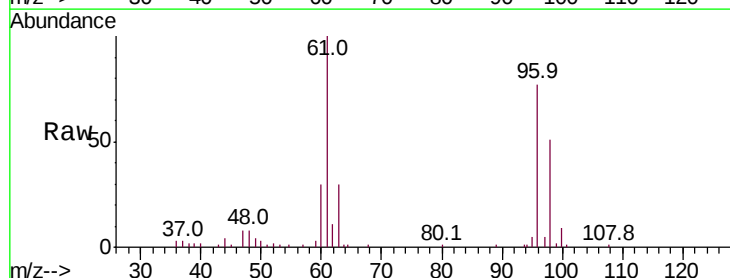
Tgt Ion: 96 Resp: 13781

Ion Ratio Lower Upper

96 100

61 129.5 104.2 156.2

98 66.1 52.2 78.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

12000

10000

8000

6000

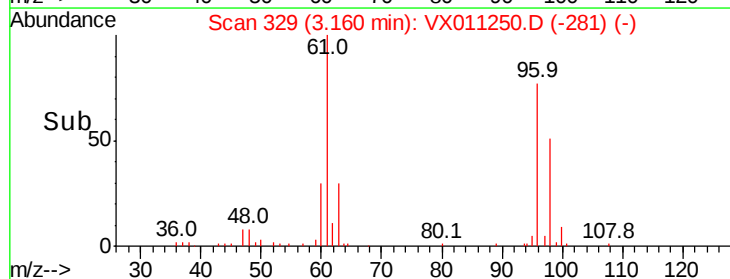
4000

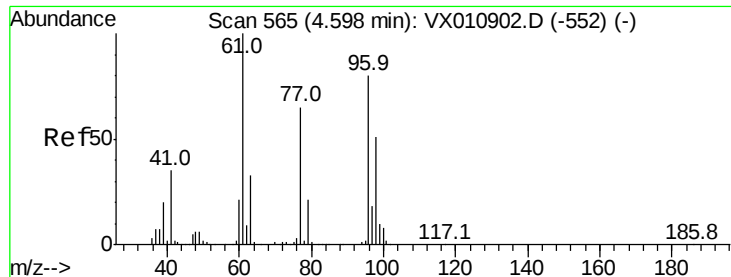
2000

0

3.05 3.10 3.15 3.20 3.25

Time-->



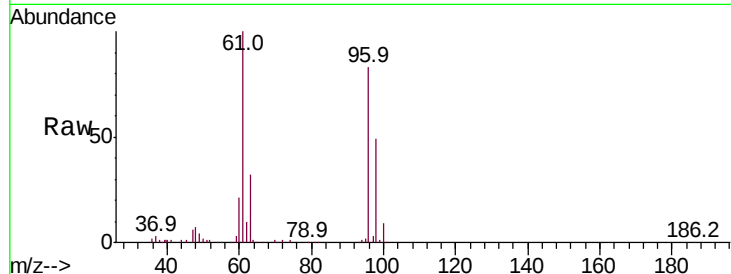


#27

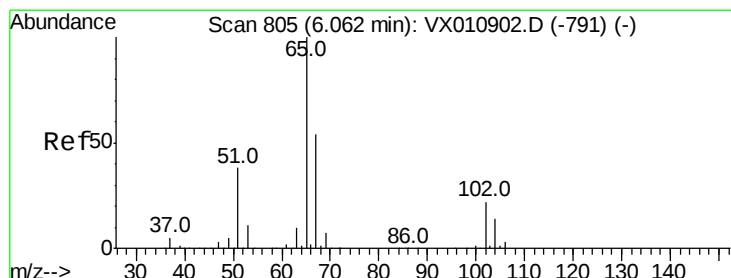
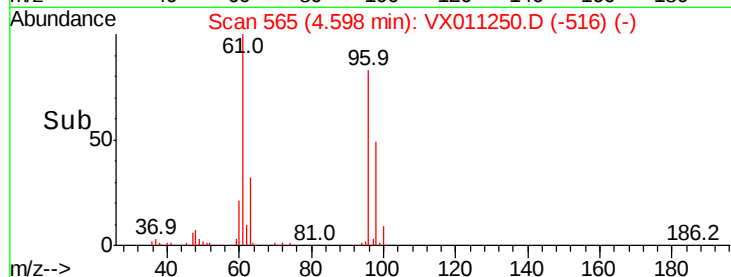
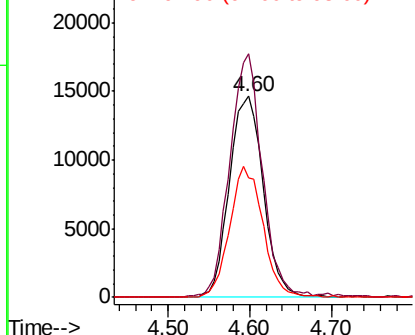
cis-1,2-Dichloroethene
 Concen: 16.619 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX011250.D
 Acq: 31 Jul 2019 18:03

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0684DL

Tot Ion: 96 Resp: 42261
 Ion Ratio Lower Upper
 96 100
 61 115.7 0.0 269.0
 98 63.2 0.0 131.4



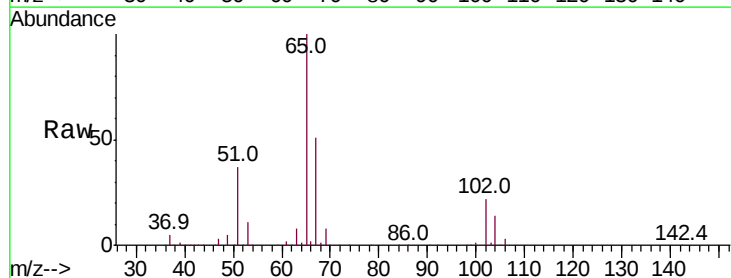
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



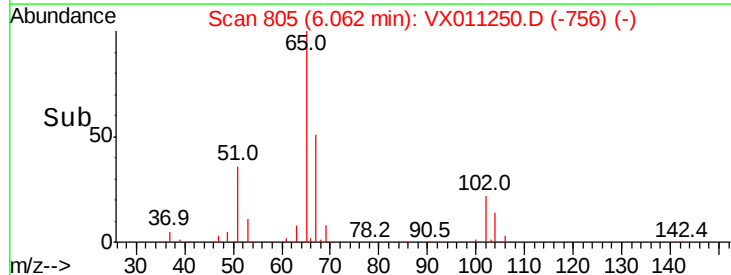
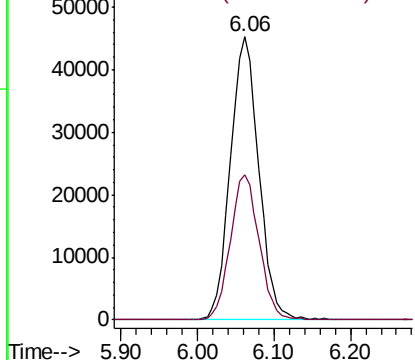
#33

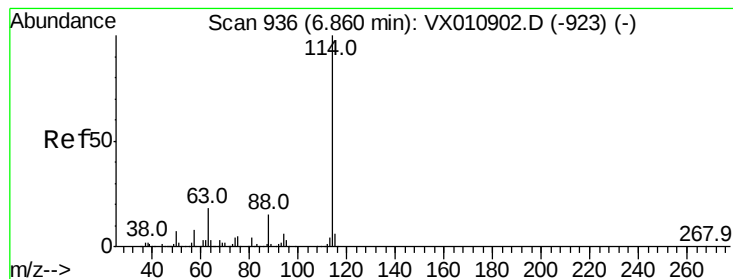
1,2-Dichloroethane-d4
 Concen: 47.091 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX011250.D
 Acq: 31 Jul 2019 18:03

Tgt Ion: 65 Resp: 116471
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 107.8



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: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX011250.D

Acq: 31 Jul 2019 18:03

Instrument :

MSVOA_X

ClientSampleId :

Z3-0684DL

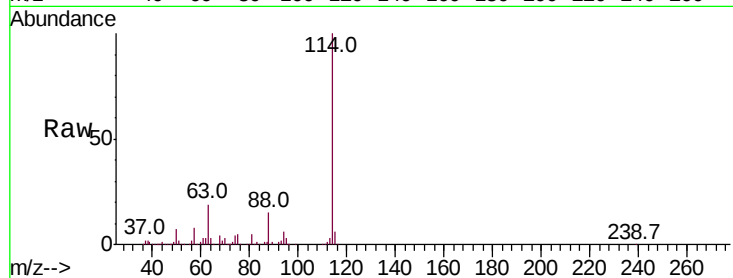
Tot Ion:114 Resp: 329556

Ion Ratio Lower Upper

114 100

63 19.0 0.0 35.6

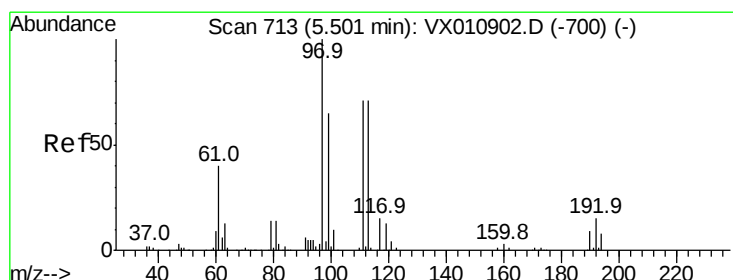
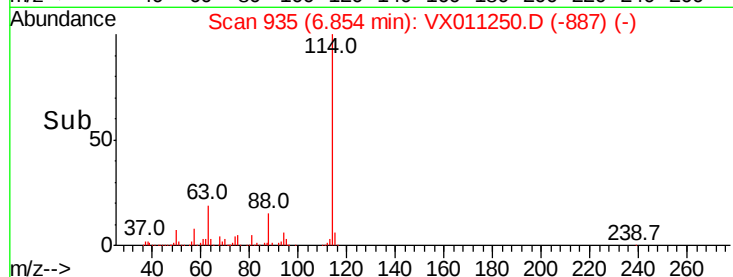
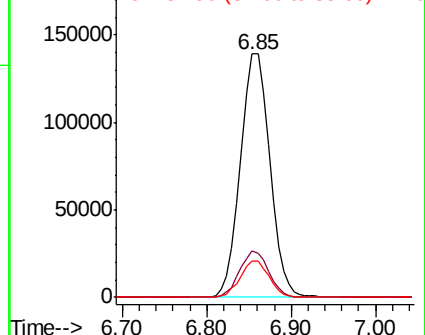
88 14.7 0.0 29.8



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: 46.798 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX011250.D

Acq: 31 Jul 2019 18:03

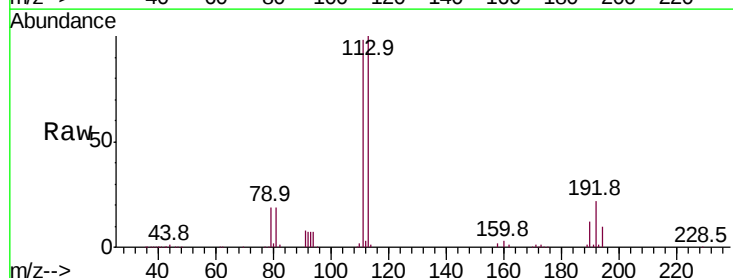
Tgt Ion:113 Resp: 97891

Ion Ratio Lower Upper

113 100

111 102.3 82.3 123.5

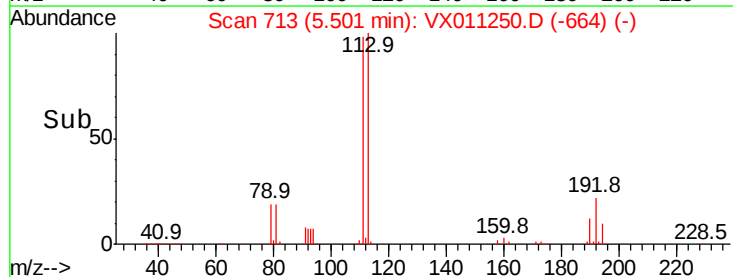
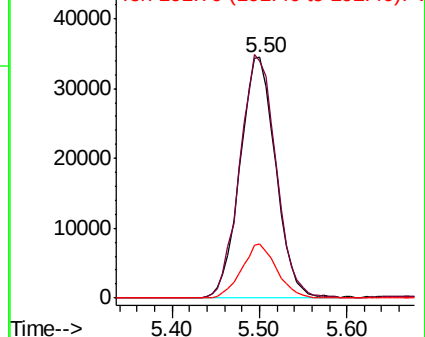
192 22.0 17.4 26.2

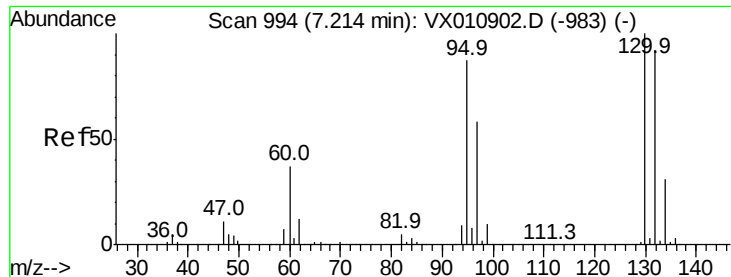


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 38.057 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX011250.D

Acq: 31 Jul 2019 18:03

Instrument :

MSVOA_X

ClientSampleId :

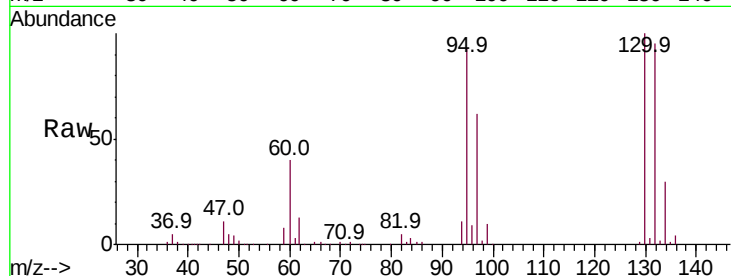
Z3-0684DL

Tot Ion:130 Resp: 93411

Ion Ratio Lower Upper

130 100

95 92.8 0.0 174.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

40000

30000

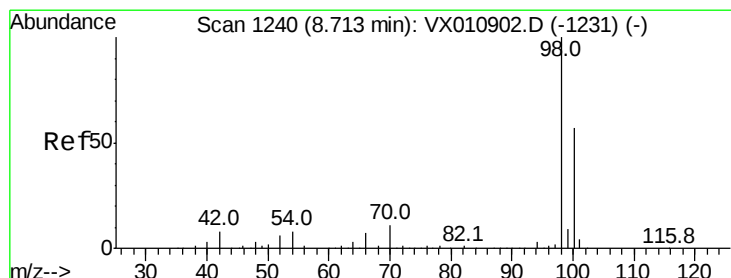
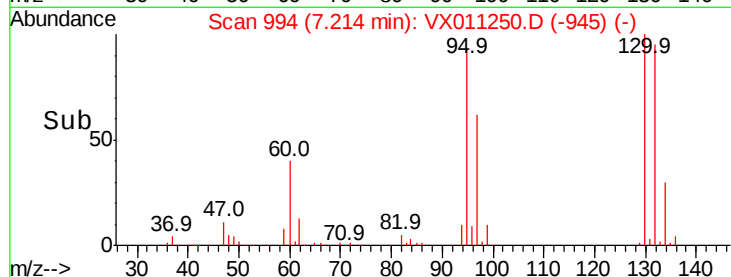
20000

10000

0

Time-->

7.10 7.20 7.30



#50

Toluene-d8

Concen: 48.877 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011250.D

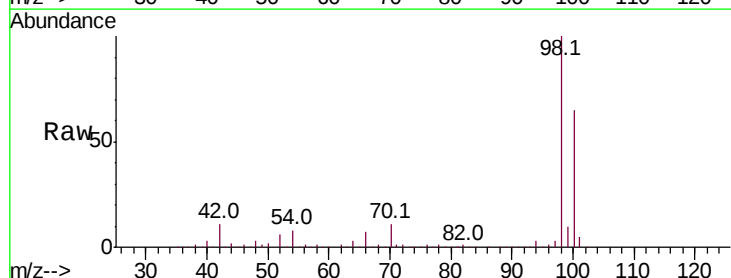
Acq: 31 Jul 2019 18:03

Tgt Ion: 98 Resp: 383465

Ion Ratio Lower Upper

98 100

100 64.0 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

250000

200000

150000

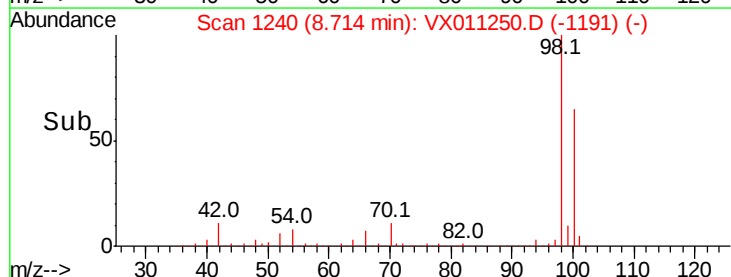
100000

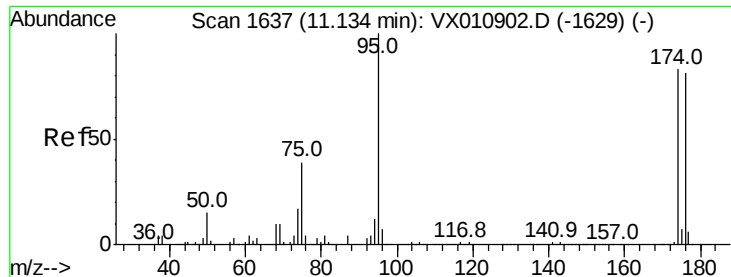
50000

0

Time-->

8.60 8.70 8.80





#62

4-Bromofluorobenzene

Concen: 45.305 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011250.D

Acq: 31 Jul 2019 18:03

Instrument :

MSVOA_X

ClientSampled :

Z3-0684DL

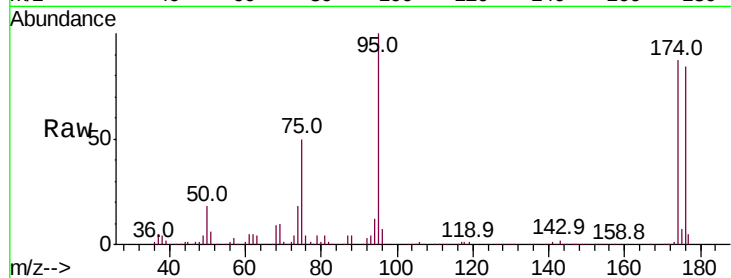
Tot Ion: 95 Resp: 130647

Ion Ratio Lower Upper

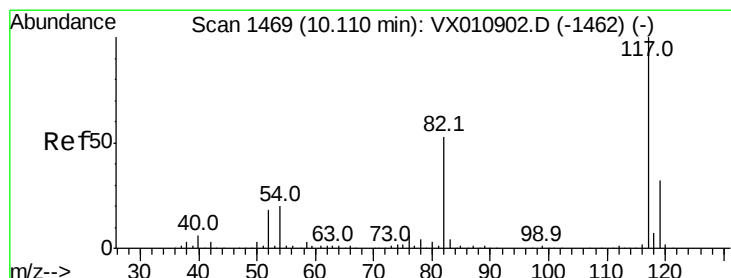
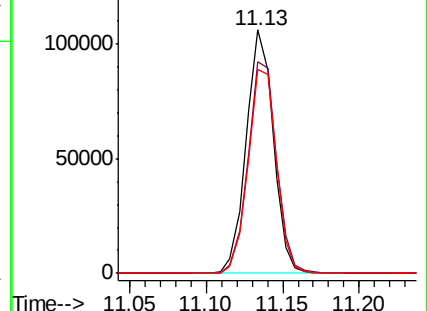
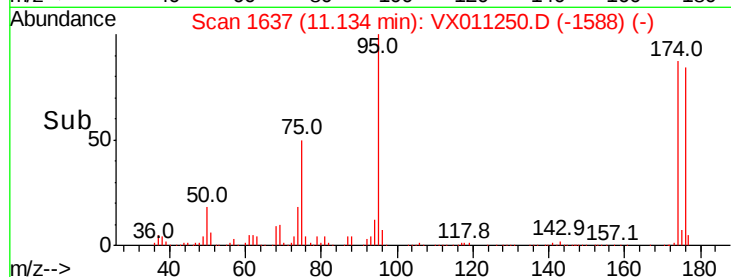
95 100

174 91.6 0.0 180.6

176 87.9 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VX011250.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX011250.D

Acq: 31 Jul 2019 18:03

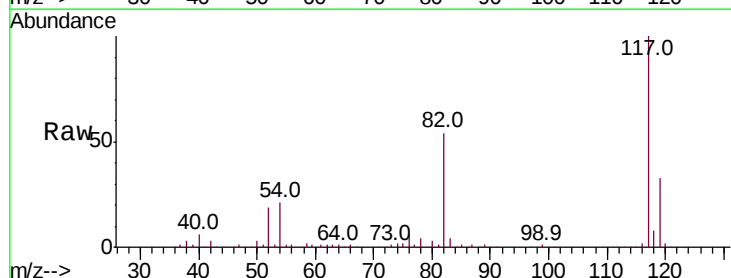
Tgt Ion: 117 Resp: 291697

Ion Ratio Lower Upper

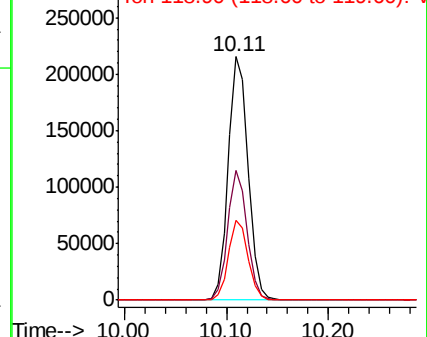
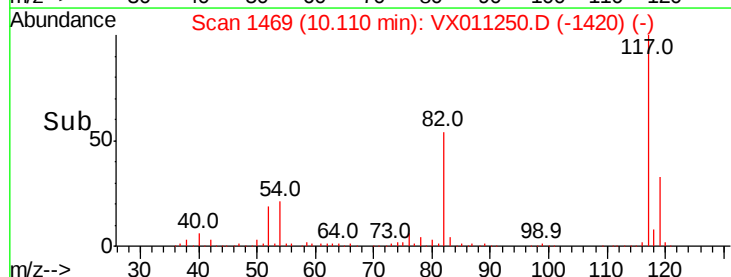
117 100

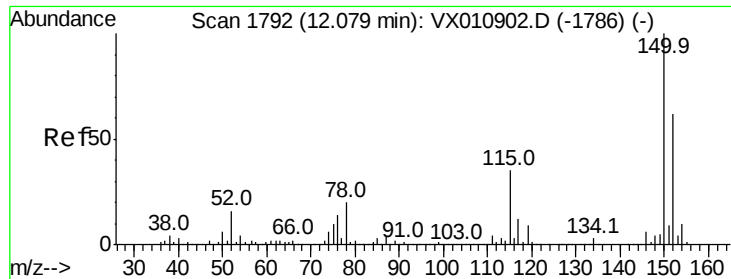
82 53.5 42.6 63.8

119 32.9 25.9 38.9



Abundance Ion 116.90 (116.60 to 117.60): VX011250.D (-1420) (-)

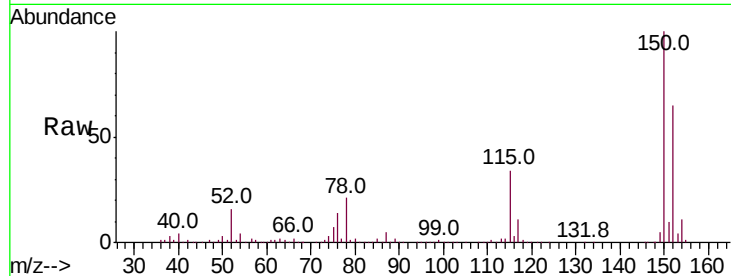




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX011250.D
 Acq: 31 Jul 2019 18:03

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0684DL

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.0	39.7	119.1
150	157.6	0.0	345.6



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

