

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012119\
 Data File : VX007169.D
 Acq On : 21 Jan 2019 19:47
 Operator : JC/SP
 Sample : K1198-01DL 4X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW522-3337DL

Quant Time: Jan 25 03:34:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

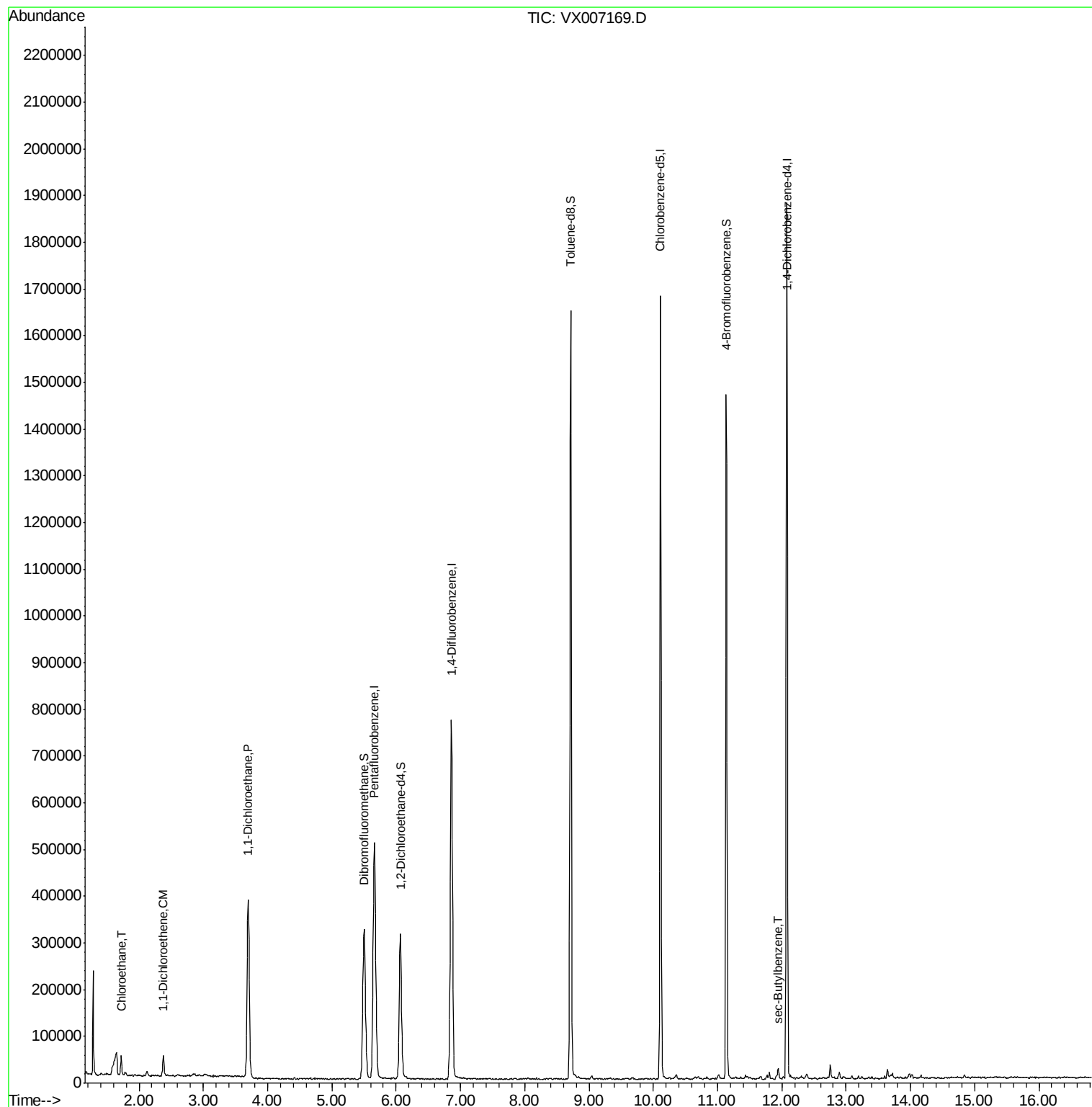
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	532425	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	827037	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	788616	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	403632	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	290966	52.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.58%	
35) Dibromofluoromethane	5.50	113	261462	49.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.74%	
50) Toluene-d8	8.71	98	996207	51.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.78%	
62) 4-Bromofluorobenzene	11.13	95	365620	54.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.20%	
Target Compounds						
6) Chloroethane	1.72	64	27707	7.247	ug/l	96
12) 1,1-Dichloroethene	2.37	96	15875	3.244	ug/l	96
24) 1,1-Dichloroethane	3.70	63	432382	49.046	ug/l	99
85) sec-Butylbenzene	11.94	105	12534	0.442	ug/l #	76

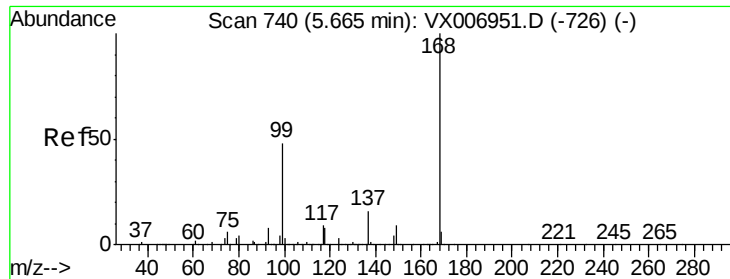
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX012119\
Data File : VX007169.D
Acq On : 21 Jan 2019 19:47
Operator : JC/SP
Sample : K1198-01DL 4X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SA-TW522-3337DL

Quant Time: Jan 25 03:34:26 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 08 14:06:59 2019
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: VX007169.D

Acq: 21 Jan 2019 19:47

Instrument :

MSVOA_X

ClientSampleId :

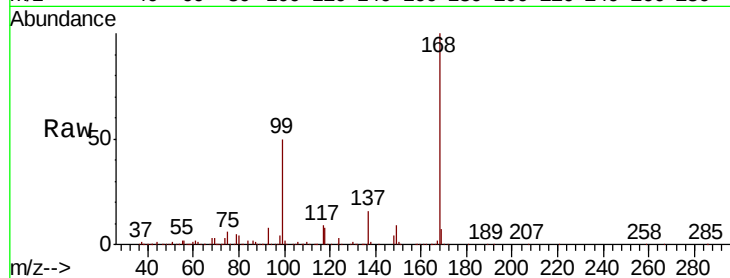
SA-TW522-3337DL

Tot Ion:168 Resp: 532425

Ion Ratio Lower Upper

168 100

99 50.2 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): VX007169.D (-691) (-)

Ion 98.90 (98.60 to 99.60): VX007169.D (-691) (-)

5.67

200000

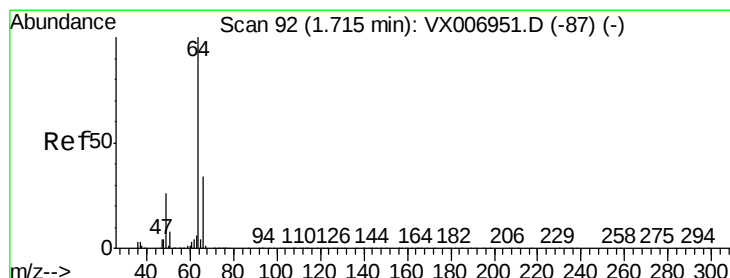
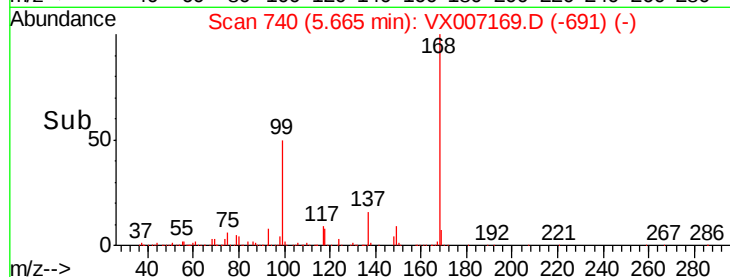
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#6

Chloroethane

Concen: 7.247 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX007169.D

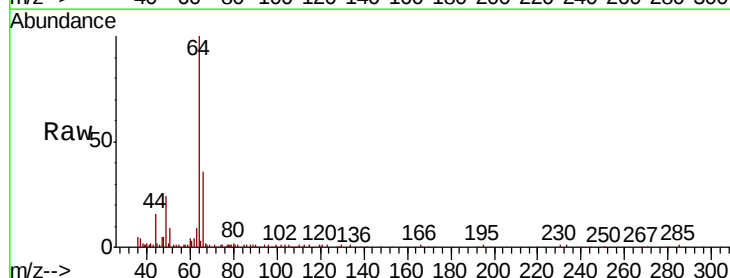
Acq: 21 Jan 2019 19:47

Tgt Ion: 64 Resp: 27707

Ion Ratio Lower Upper

64 100

66 35.3 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VX007169.D (-43) (-)

Ion 65.90 (65.60 to 66.60): VX007169.D (-43) (-)

1.72

20000

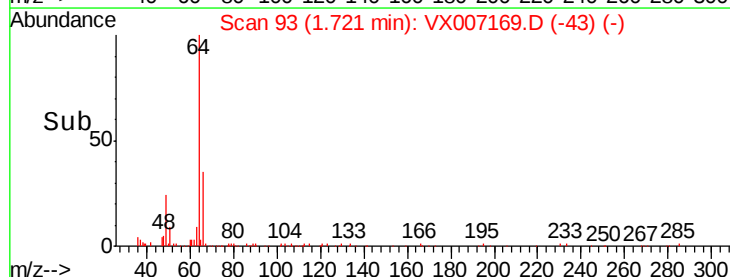
15000

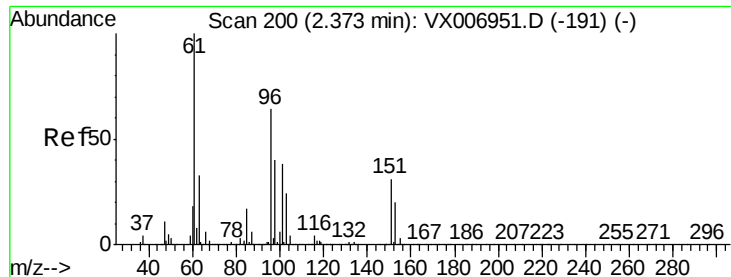
10000

5000

0

Time--> 1.65 1.70 1.75 1.80





#12

1,1-Dichloroethene

Concen: 3.244 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.00 min

Lab File: VX007169.D

Acq: 21 Jan 2019 19:47

Instrument :

MSVOA_X

ClientSampleId :

SA-TW522-3337DL

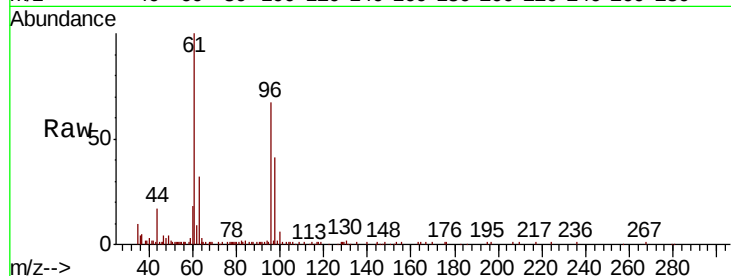
Tot Ion: 96 Resp: 15875

Ion Ratio Lower Upper

96 100

61 148.0 121.4 182.2

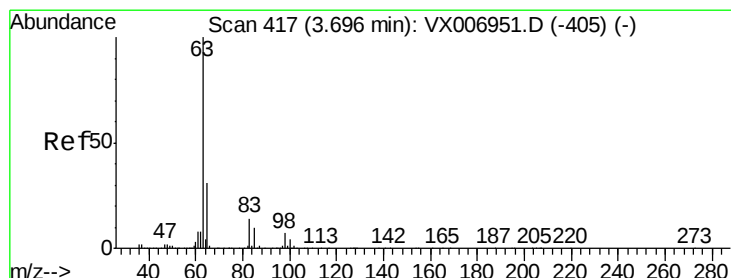
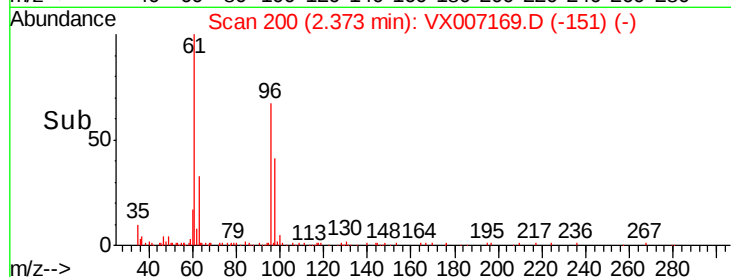
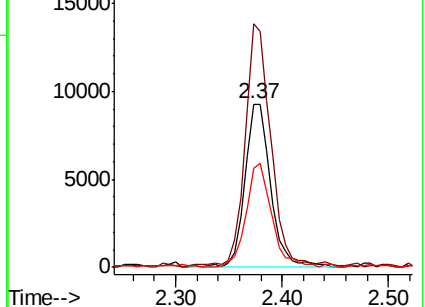
98 59.9 51.9 77.9



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



#24

1,1-Dichloroethane

Concen: 49.046 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX007169.D

Acq: 21 Jan 2019 19:47

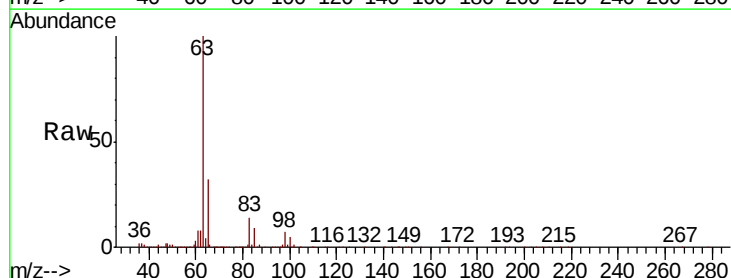
Tgt Ion: 63 Resp: 432382

Ion Ratio Lower Upper

63 100

98 7.4 3.9 11.5

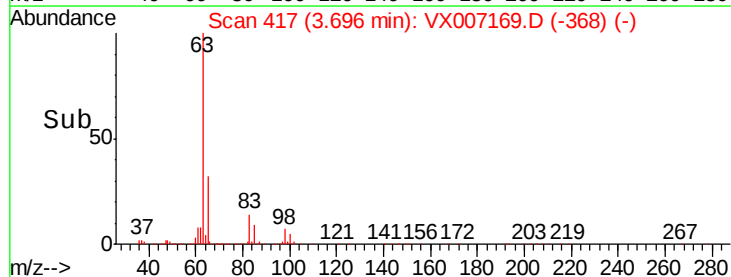
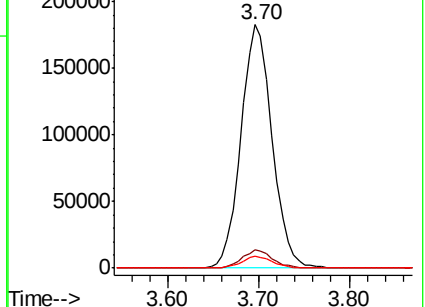
100 4.7 2.4 7.2

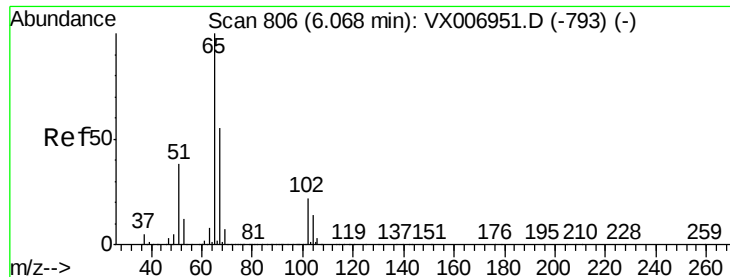


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 52.292 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007169.D

Acq: 21 Jan 2019 19:47

Instrument :

MSVOA_X

ClientSampleId :

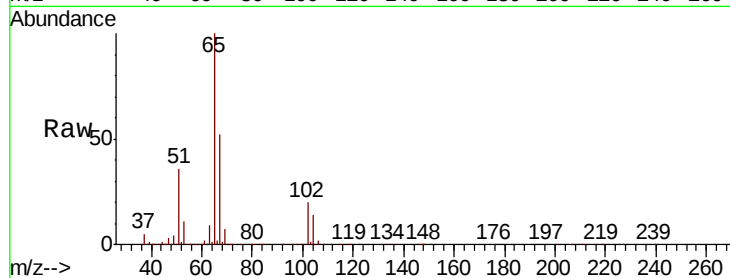
SA-TW522-3337DL

Tot Ion: 65 Resp: 290966

Ion Ratio Lower Upper

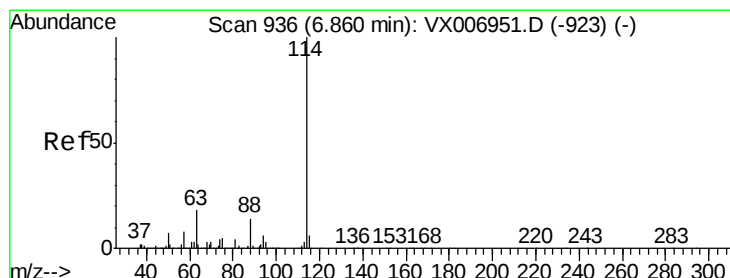
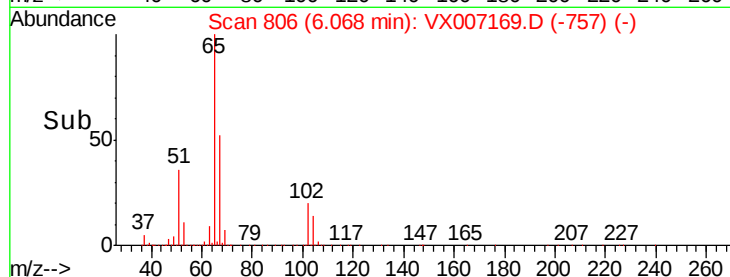
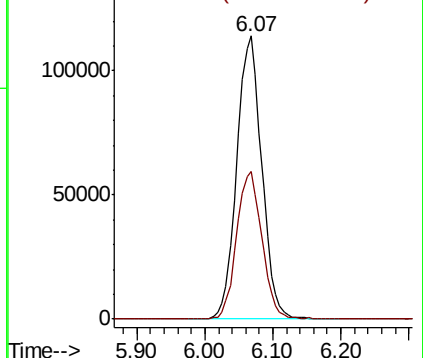
65 100

67 52.8 0.0 105.0



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: VX007169.D

Acq: 21 Jan 2019 19:47

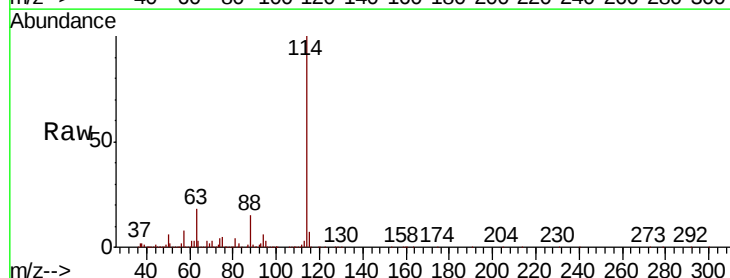
Tgt Ion: 114 Resp: 827037

Ion Ratio Lower Upper

114 100

63 18.1 0.0 34.8

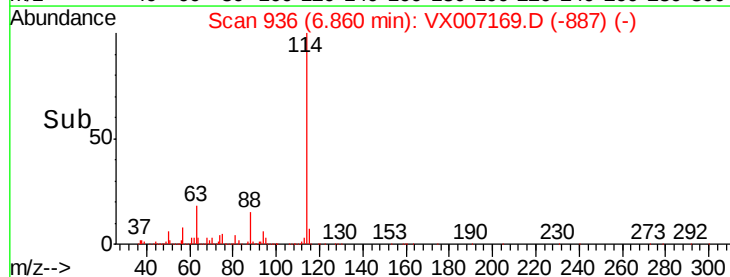
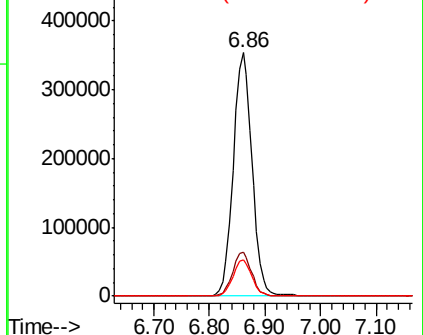
88 15.0 0.0 28.8

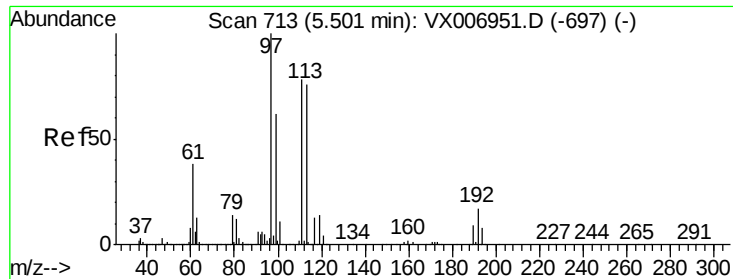


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.367 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX007169.D

Acq: 21 Jan 2019 19:47

Instrument :

MSVOA_X

ClientSampleId :

SA-TW522-3337DL

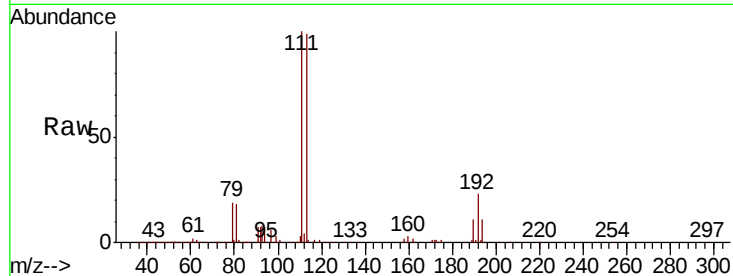
Tot Ion:113 Resp: 261462

Ion Ratio Lower Upper

113 100

111 101.9 81.6 122.4

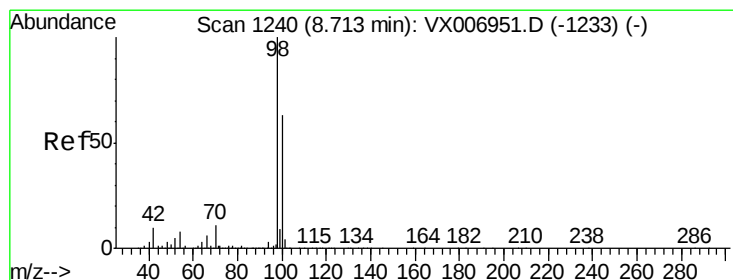
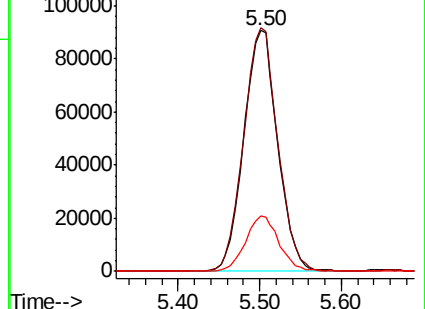
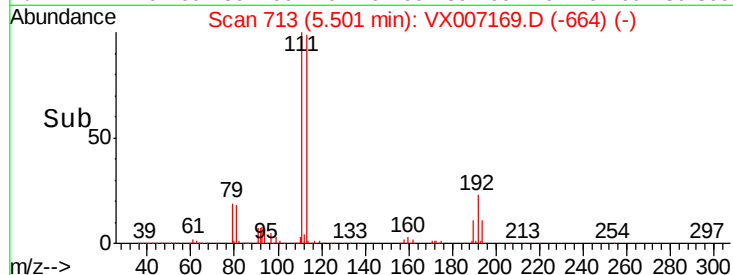
192 22.7 16.7 25.1



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



#50

Toluene-d8

Concen: 51.388 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007169.D

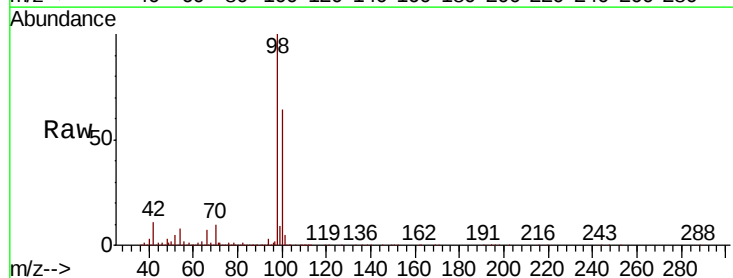
Acq: 21 Jan 2019 19:47

Tgt Ion: 98 Resp: 996207

Ion Ratio Lower Upper

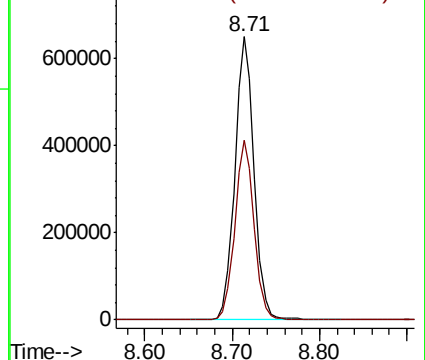
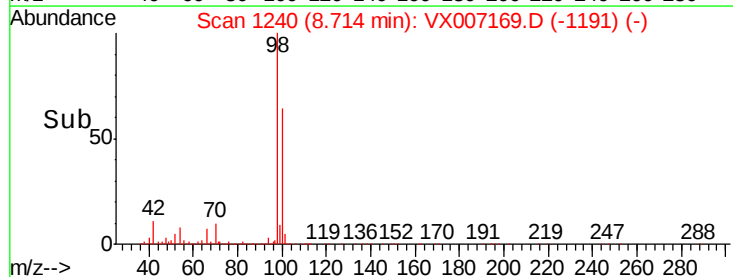
98 100

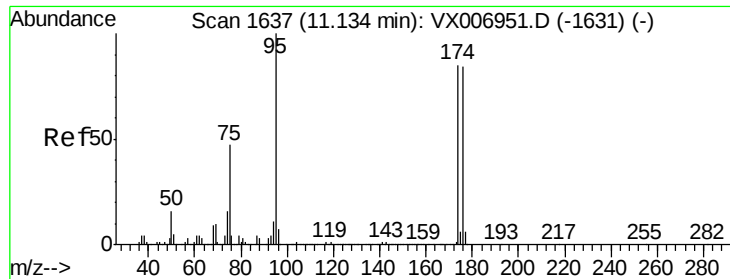
100 63.8 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 54.098 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007169.D

Acq: 21 Jan 2019 19:47

Instrument :

MSVOA_X

ClientSampleId :

SA-TW522-3337DL

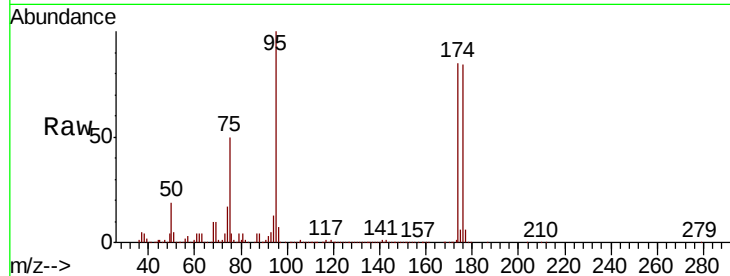
Tot Ion: 95 Resp: 365620

Ion Ratio Lower Upper

95 100

174 91.9 0.0 182.2

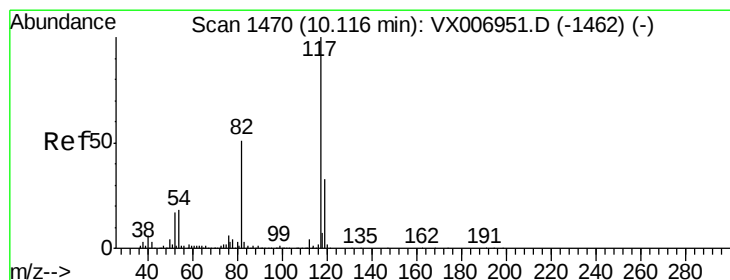
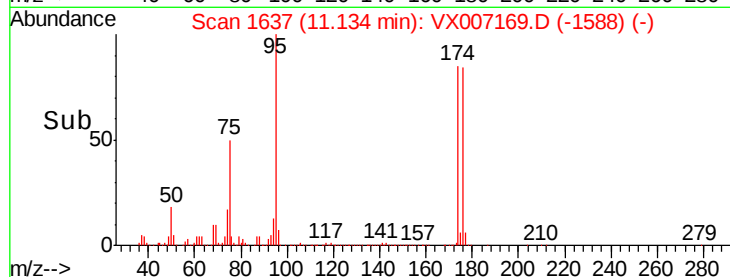
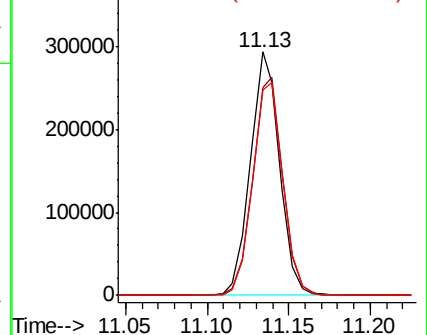
176 90.9 0.0 178.8



Abundance Ion 94.90 (94.60 to 95.60): VX006951.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX006951.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX006951.D (-1631) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.01 min

Lab File: VX007169.D

Acq: 21 Jan 2019 19:47

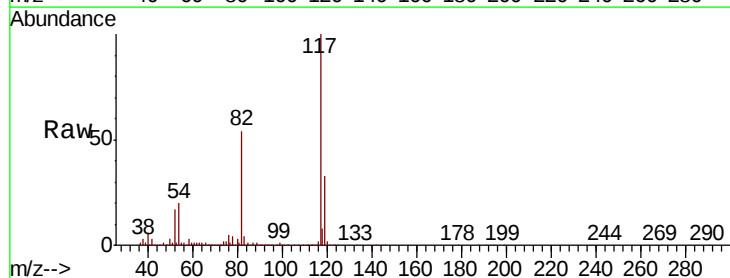
Tgt Ion: 117 Resp: 788616

Ion Ratio Lower Upper

117 100

82 53.9 41.0 61.6

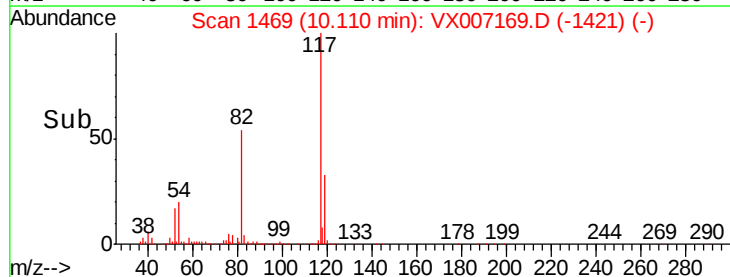
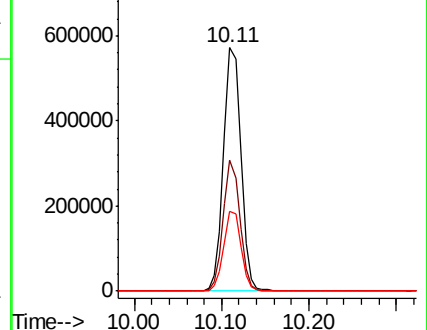
119 32.5 25.4 38.0

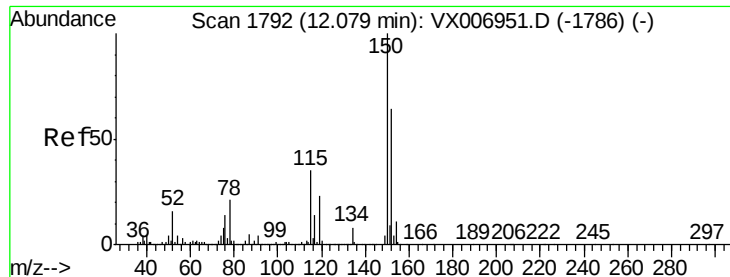


Abundance Ion 116.90 (116.60 to 117.60): VX006951.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX006951.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX006951.D (-1462) (-)



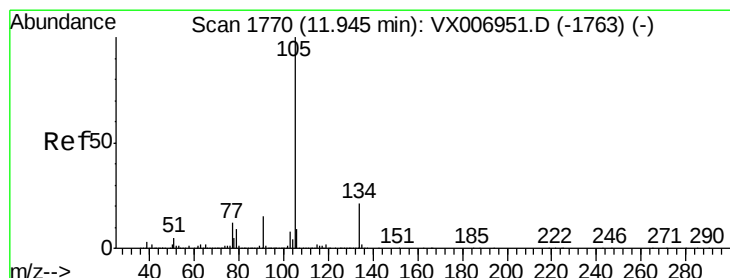
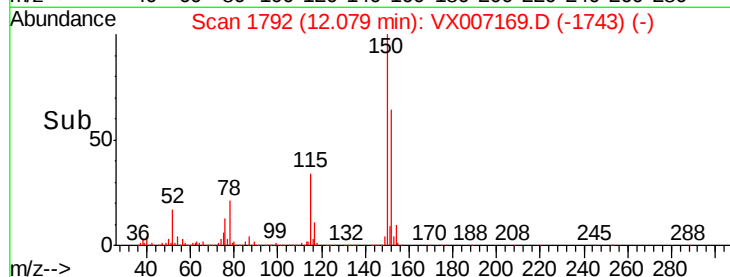
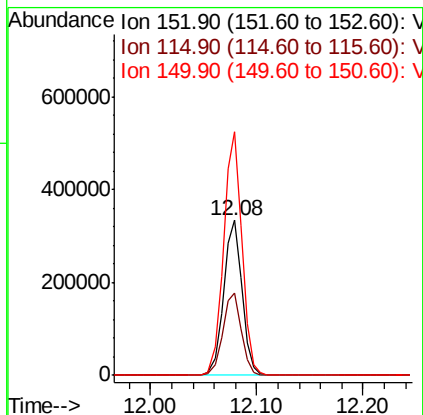
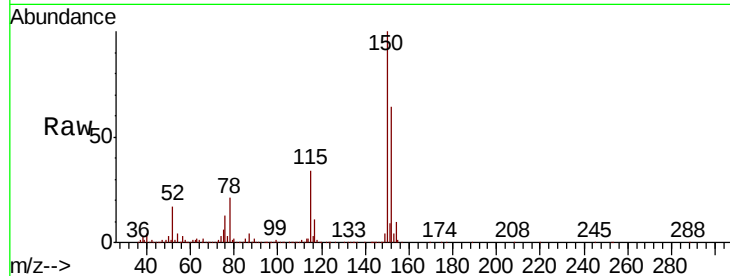


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX007169.D
Acq: 21 Jan 2019 19:47

Instrument :
MSVOA_X
ClientSampleId :
SA-TW522-3337DL

Tot Ion	Ratio	Lower	Upper
152	100		
115	53.8	39.1	117.2
150	156.0	0.0	344.8



#85

sec-Butylbenzene
Concen: 0.442 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. 0.00 min
Lab File: VX007169.D
Acq: 21 Jan 2019 19:47

Tgt Ion	Ratio	Lower	Upper
105	100		
134	32.6	10.7	31.9#

