

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX102618\
 Data File : VX005636.D
 Acq On : 27 Oct 2018 06:01
 Operator : JC/MD
 Sample : J5692-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-DUP01-20181024

Quant Time: Nov 09 11:54:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 25 02:52:45 2018
 Response via : Initial Calibration

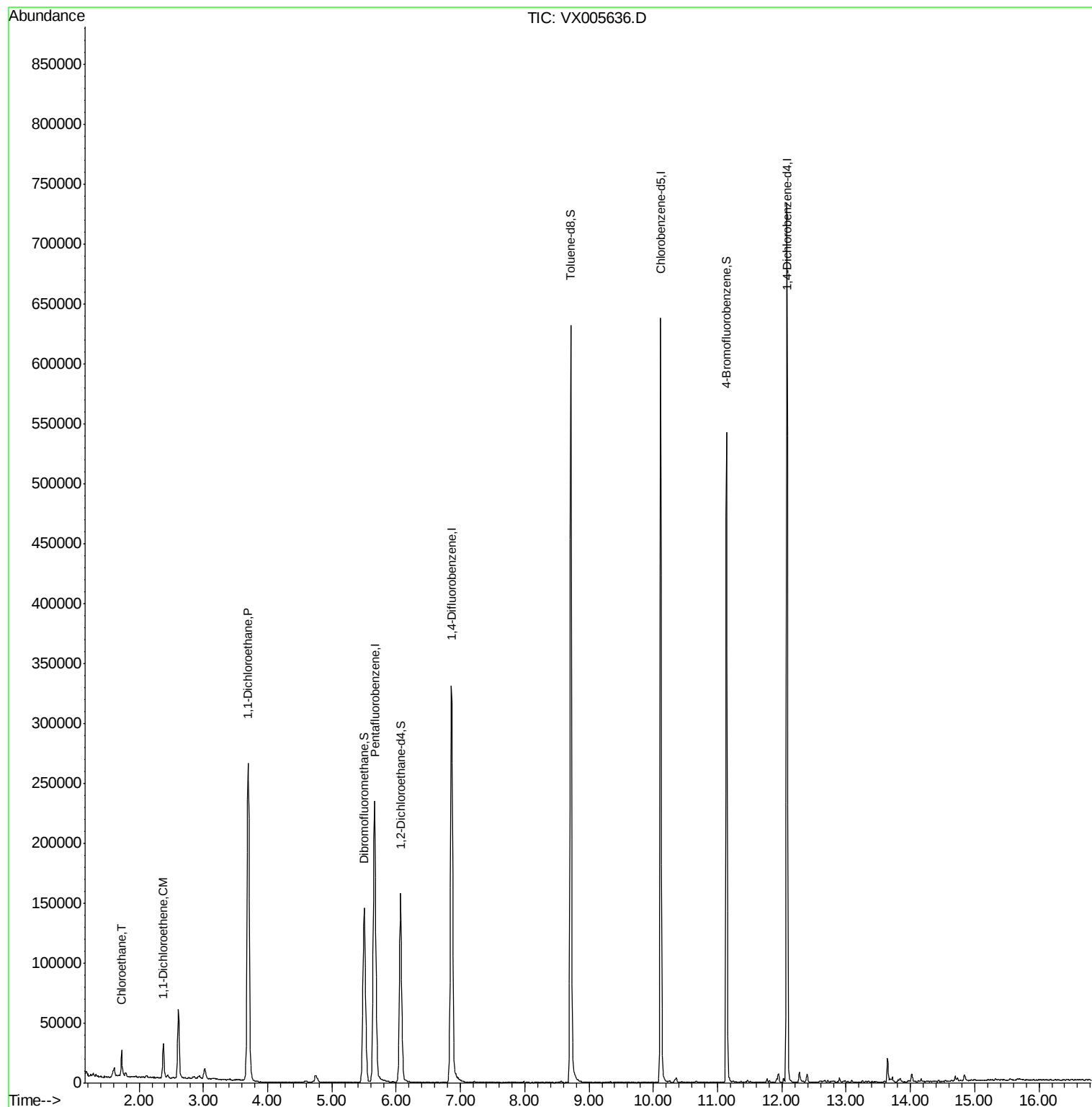
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	241129	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	348305	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	300416	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	151617	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	144030	48.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.86%	
35) Dibromofluoromethane	5.50	113	112093	47.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.06%	
50) Toluene-d8	8.71	98	399532	47.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.30%	
62) 4-Bromofluorobenzene	11.14	95	136344	42.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.20%	
Target Compounds						
6) Chloroethane	1.73	64	13011	6.834	ug/l	90
12) 1,1-Dichloroethene	2.38	96	9389	4.148	ug/l	97
24) 1,1-Dichloroethane	3.70	63	312477	65.152	ug/l	98

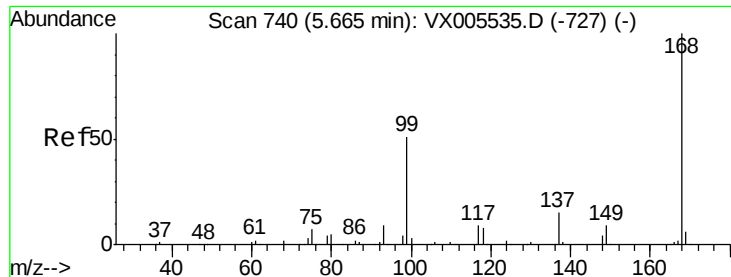
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX102618\
Data File : VX005636.D
Acq On : 27 Oct 2018 06:01
Operator : JC/MD
Sample : J5692-04
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SA-DUP01-20181024

Quant Time: Nov 09 11:54:32 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 25 02:52:45 2018
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: VX005636.D

Acq: 27 Oct 2018 06:01

Instrument :

MSVOA_X

ClientSampleId :

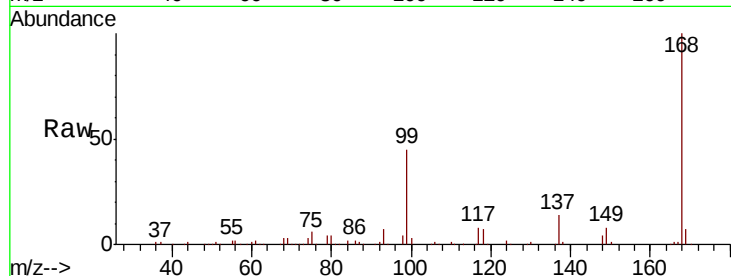
SA-DUP01-20181024

Tot Ion:168 Resp: 241129

Ion Ratio Lower Upper

168 100

99 44.8 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

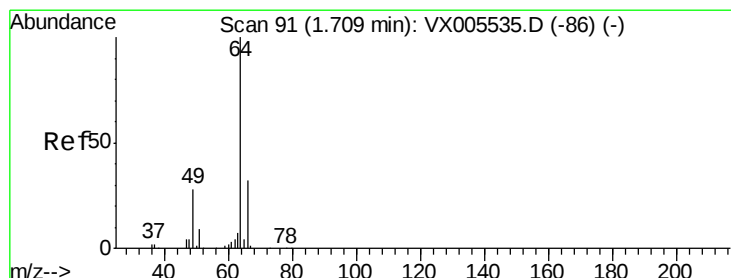
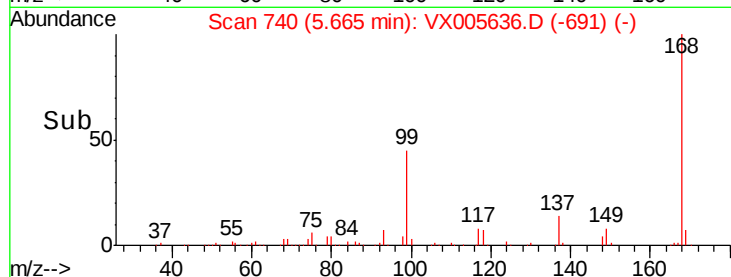
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 6.834 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.02 min

Lab File: VX005636.D

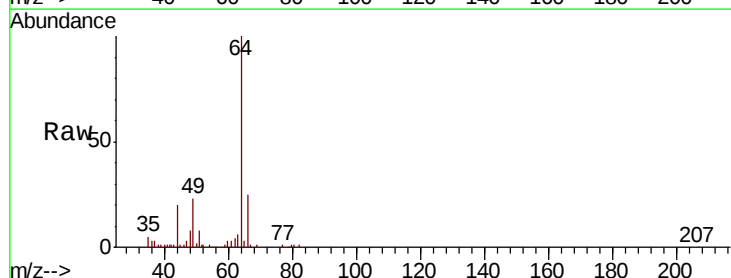
Acq: 27 Oct 2018 06:01

Tgt Ion: 64 Resp: 13011

Ion Ratio Lower Upper

64 100

66 26.8 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

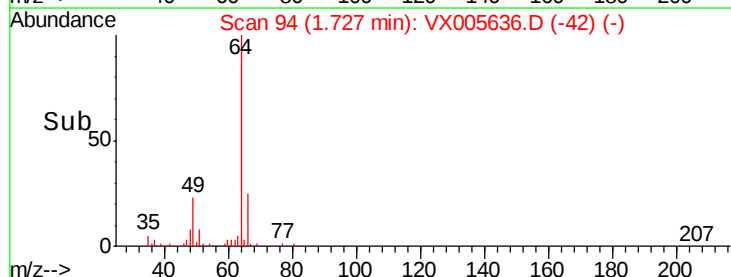
1.73

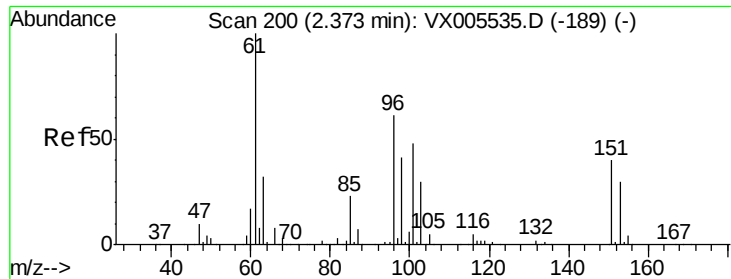
10000

5000

0

Time-->





#12

1,1-Dichloroethene

Concen: 4.148 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.01 min

Lab File: VX005636.D

Acq: 27 Oct 2018 06:01

Instrument :

MSVOA_X

ClientSampleId :

SA-DUP01-20181024

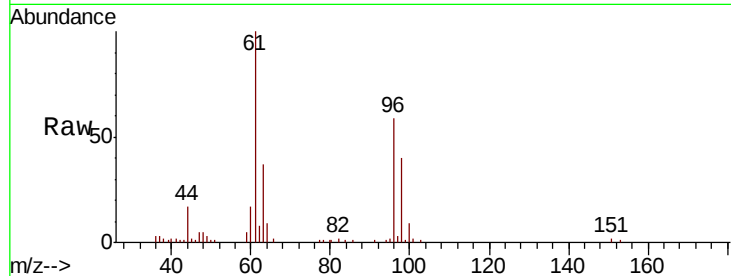
Tot Ion: 96 Resp: 9389

Ion Ratio Lower Upper

96 100

61 169.1 131.8 197.8

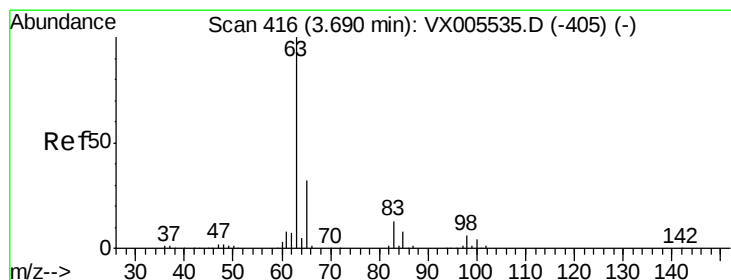
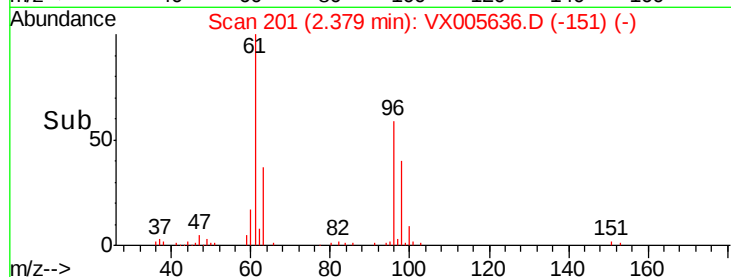
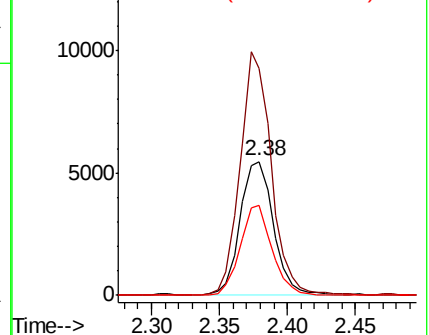
98 67.5 53.4 80.2



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: 65.152 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX005636.D

Acq: 27 Oct 2018 06:01

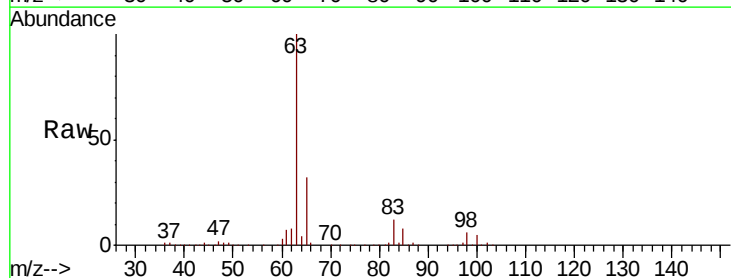
Tgt Ion: 63 Resp: 312477

Ion Ratio Lower Upper

63 100

98 5.8 3.2 9.6

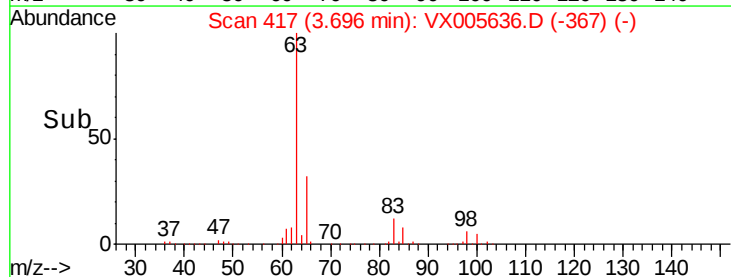
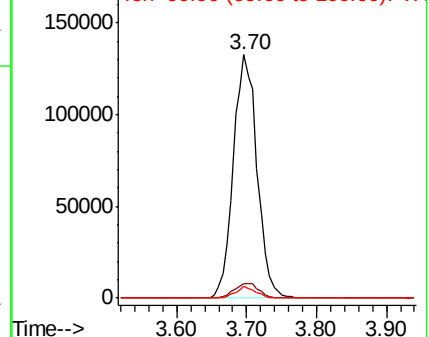
100 4.7 2.1 6.2

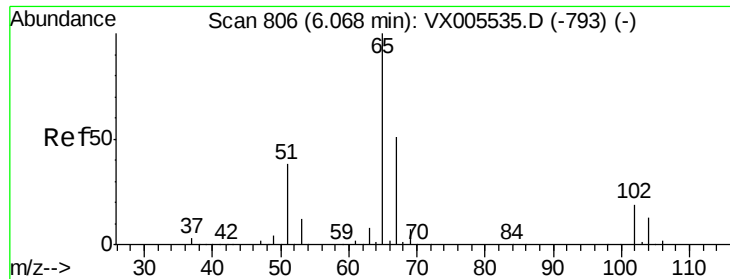


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 48.933 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX005636.D

Acq: 27 Oct 2018 06:01

Instrument :

MSVOA_X

ClientSampleId :

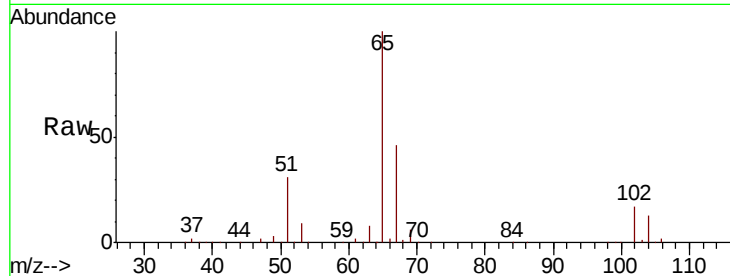
SA-DUP01-20181024

Tot Ion: 65 Resp: 144030

Ion Ratio Lower Upper

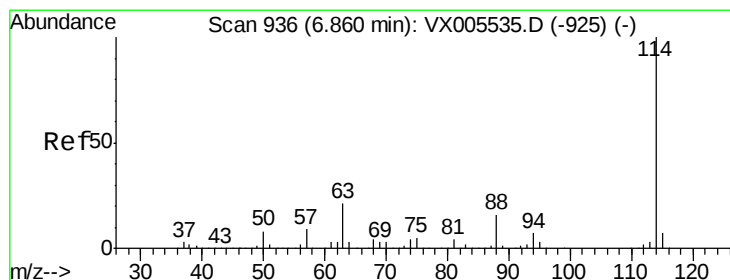
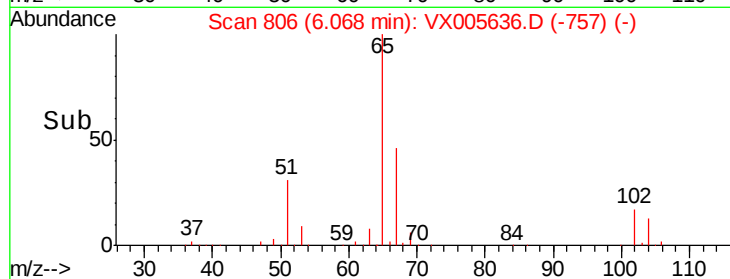
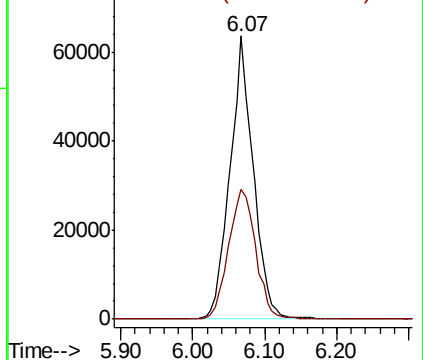
65 100

67 53.4 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: VX005636.D

Acq: 27 Oct 2018 06:01

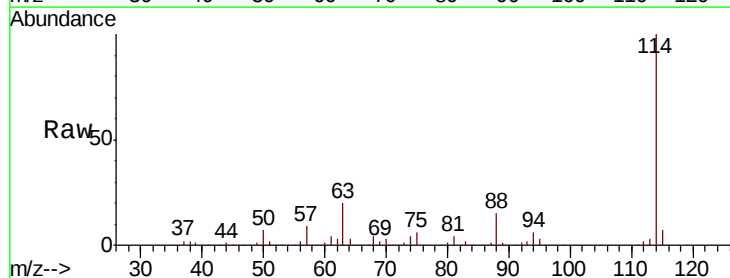
Tgt Ion: 114 Resp: 348305

Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.8

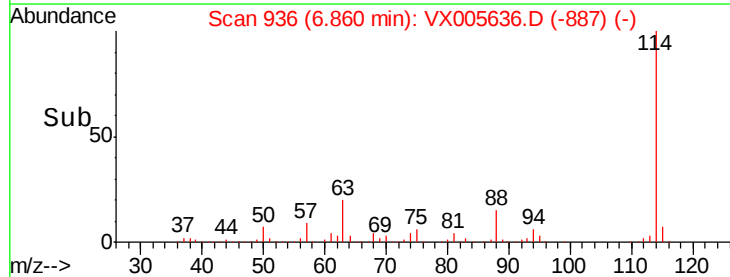
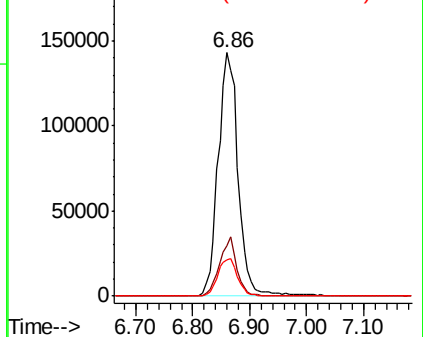
88 15.1 0.0 31.2

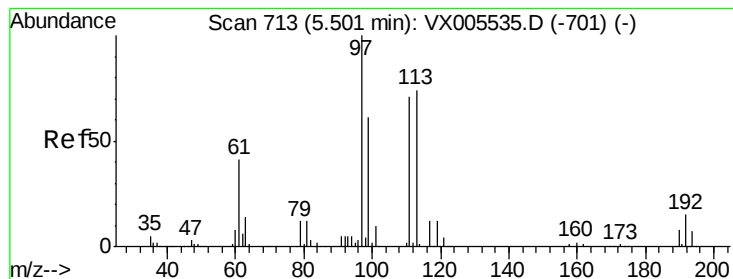


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.529 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX005636.D

Acq: 27 Oct 2018 06:01

Instrument :

MSVOA_X

ClientSampleId :

SA-DUP01-20181024

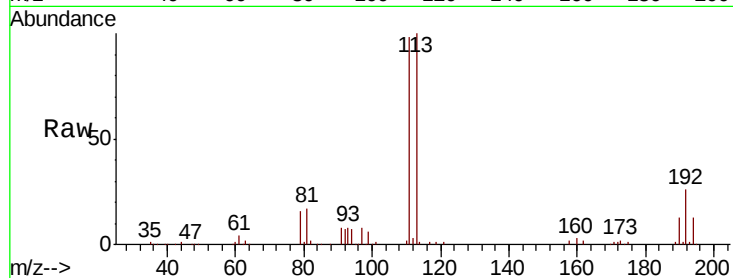
Tot Ion:113 Resp: 112093

Ion Ratio Lower Upper

113 100

111 101.9 82.3 123.5

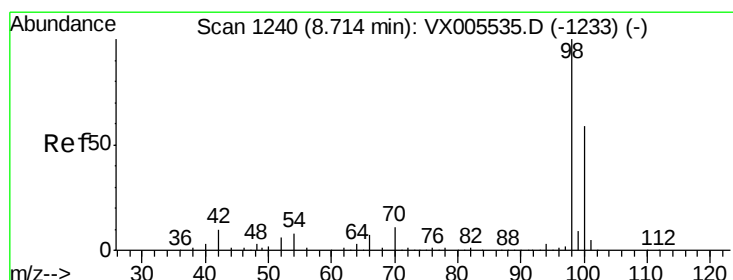
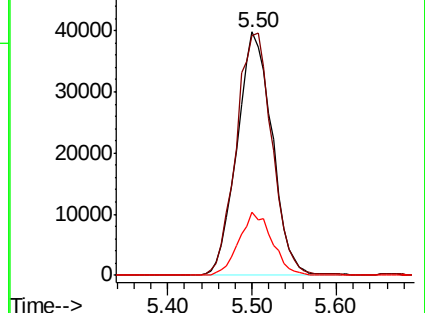
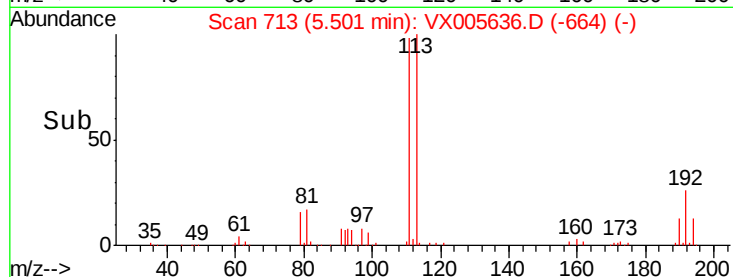
192 24.5 17.9 26.9



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: 47.146 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX005636.D

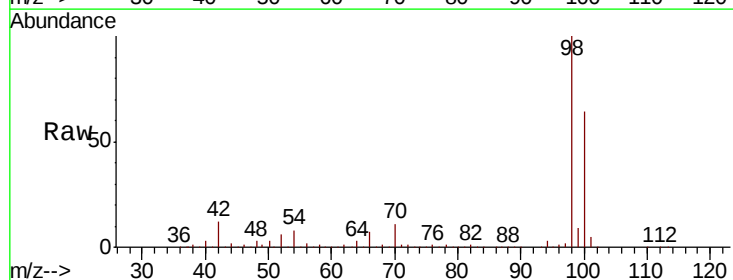
Acq: 27 Oct 2018 06:01

Tgt Ion: 98 Resp: 399532

Ion Ratio Lower Upper

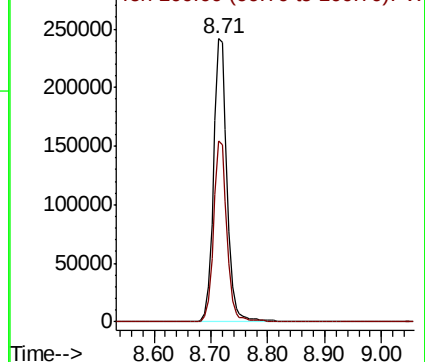
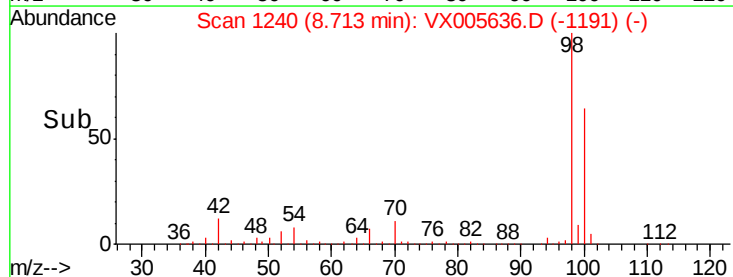
98 100

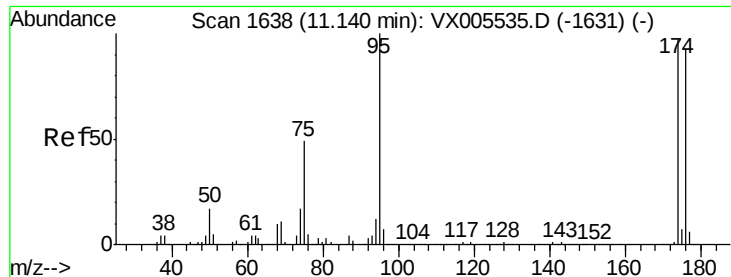
100 63.2 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

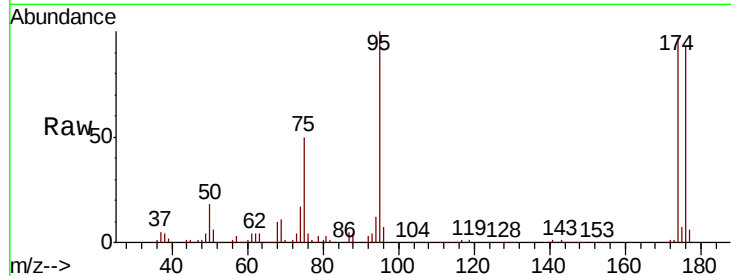




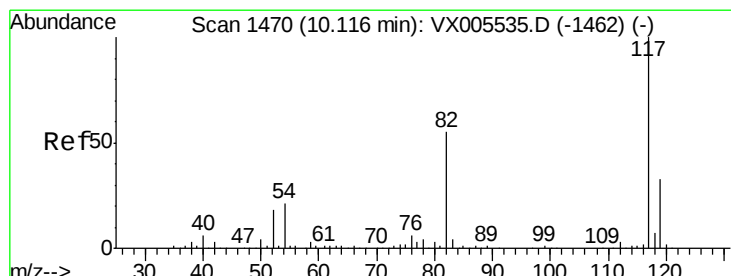
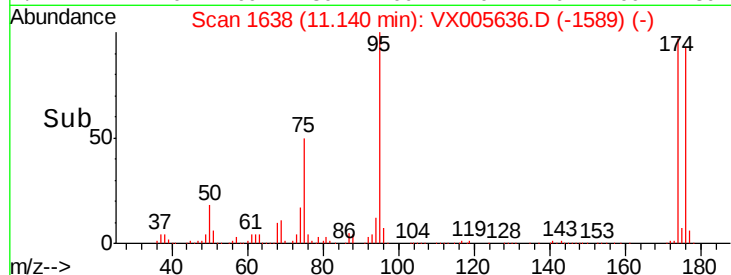
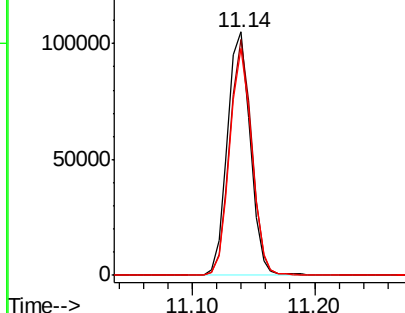
#62
4-Bromofluorobenzene
Concen: 42.604 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005636.D
Acq: 27 Oct 2018 06:01

Instrument :
MSVOA_X
ClientSampleId :
SA-DUP01-20181024

Tot Ion: 95 Resp: 136344
Ion Ratio Lower Upper
95 100
174 93.4 0.0 184.4
176 89.9 0.0 177.4

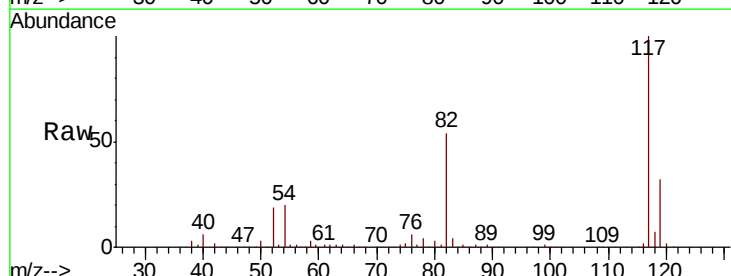


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

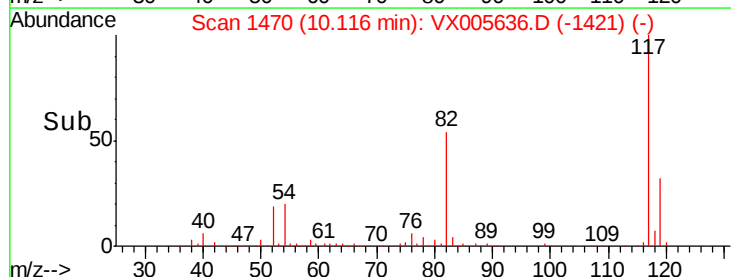
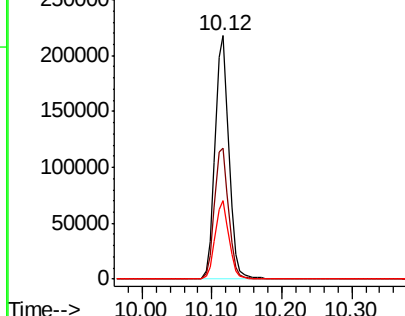


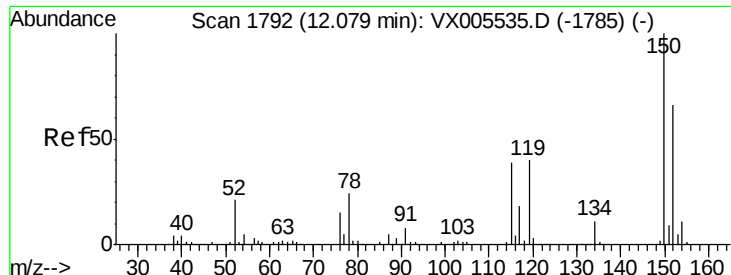
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005636.D
Acq: 27 Oct 2018 06:01

Tgt Ion: 117 Resp: 300416
Ion Ratio Lower Upper
117 100
82 53.8 44.1 66.1
119 32.4 26.2 39.2



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: VX005636.D
 Acq: 27 Oct 2018 06:01

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-DUP01-20181024

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.4	39.4	118.1
150	155.7	0.0	346.4

