

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX102918\
 Data File : VX005657.D
 Acq On : 29 Oct 2018 13:51
 Operator : JC/MD
 Sample : J5692-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ143I-20181024

Quant Time: Nov 09 11:55:44 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

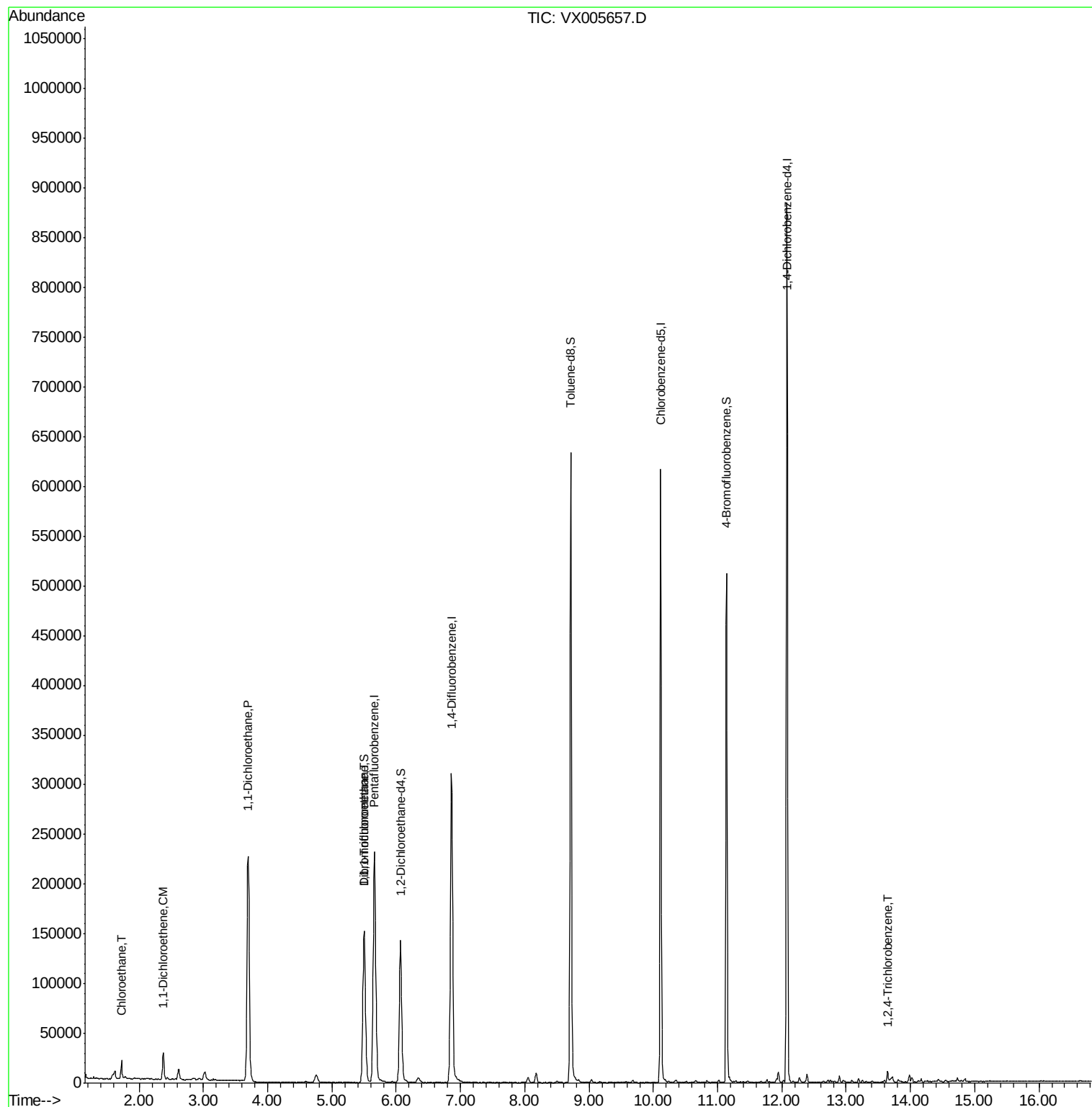
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	229395	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	326915	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	290766	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	181007	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	139473	49.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.62%	
35) Dibromofluoromethane	5.51	113	111626	50.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.86%	
50) Toluene-d8	8.71	98	386698	48.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.24%	
62) 4-Bromofluorobenzene	11.14	95	132808	44.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.42%	
Target Compounds						
6) Chloroethane	1.73	64	14847	8.197	ug/l	95
12) 1,1-Dichloroethene	2.37	96	8864	4.116	ug/l	94
24) 1,1-Dichloroethane	3.70	63	270224	59.224	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	17295	4.591	ug/l	97
93) 1,2,4-Trichlorobenzene	13.65	180	2544	0.598	ug/l #	89

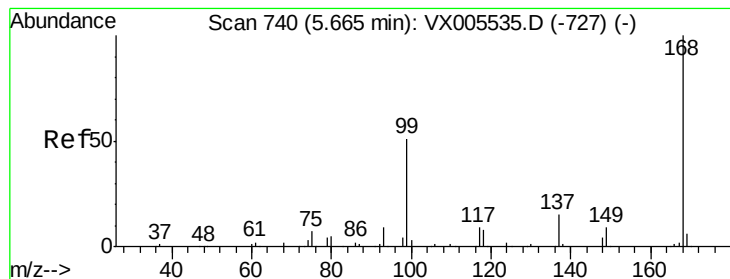
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Oct 25 02:52:45 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX005657.D

Acq: 29 Oct 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

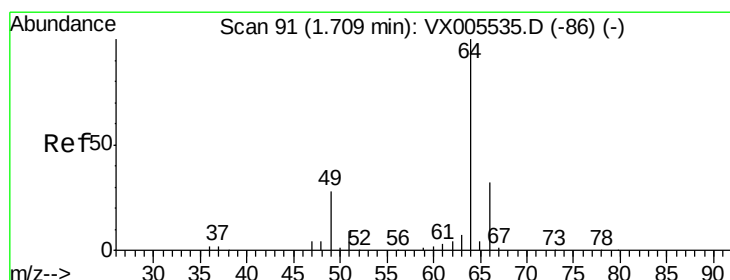
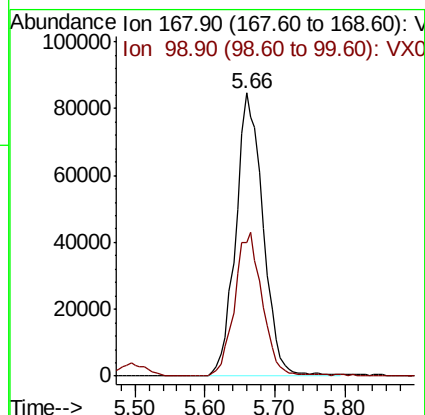
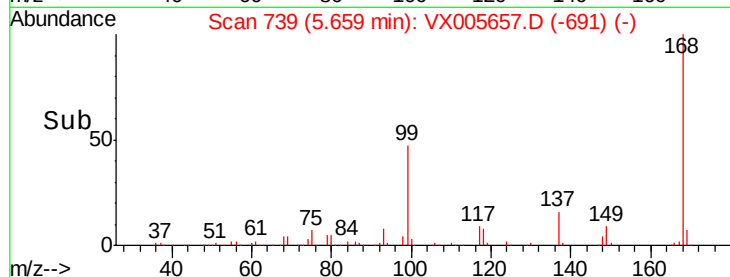
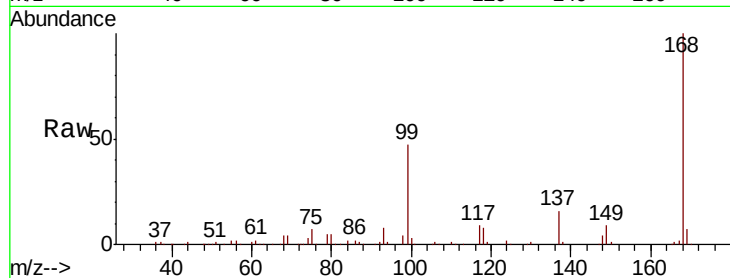
SA-PZ143I-20181024

Tot Ion:168 Resp: 229395

Ion Ratio Lower Upper

168 100

99 47.3 40.7 61.1



#6

Chloroethane

Concen: 8.197 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.02 min

Lab File: VX005657.D

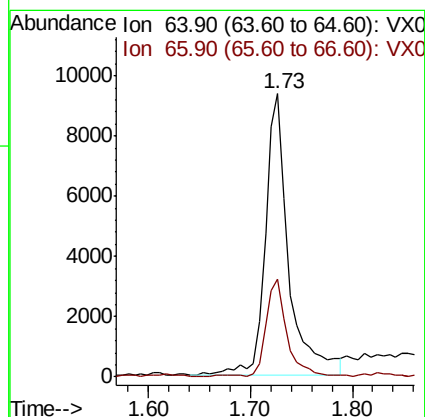
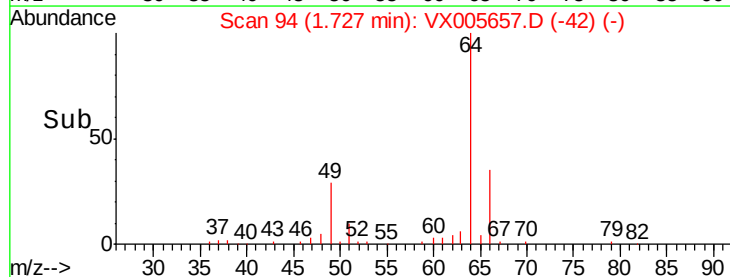
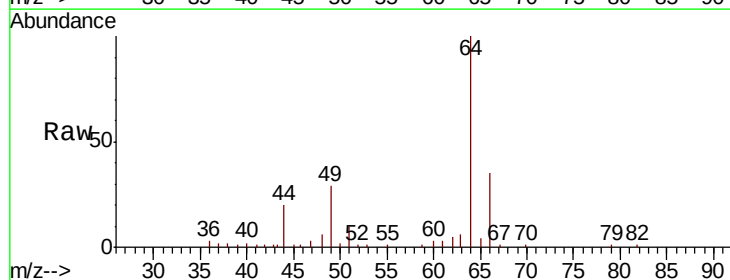
Acq: 29 Oct 2018 13:51

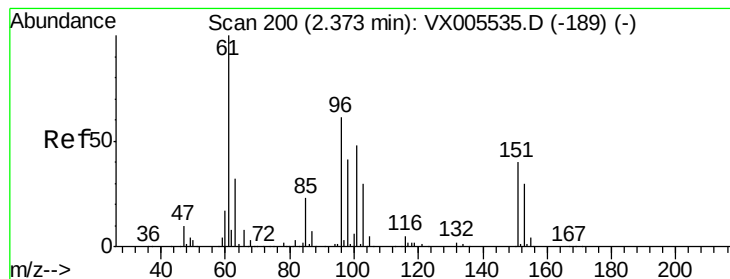
Tgt Ion: 64 Resp: 14847

Ion Ratio Lower Upper

64 100

66 35.0 25.8 38.6





#12

1,1-Dichloroethene

Concen: 4.116 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.00 min

Lab File: VX005657.D

Acq: 29 Oct 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ143I-20181024

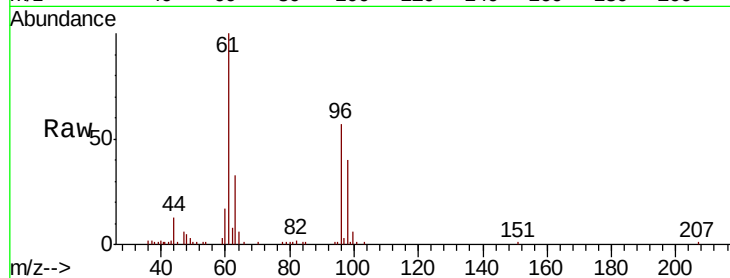
Tot Ion: 96 Resp: 8864

Ion Ratio Lower Upper

96 100

61 173.8 131.8 197.8

98 69.7 53.4 80.2



Abundance

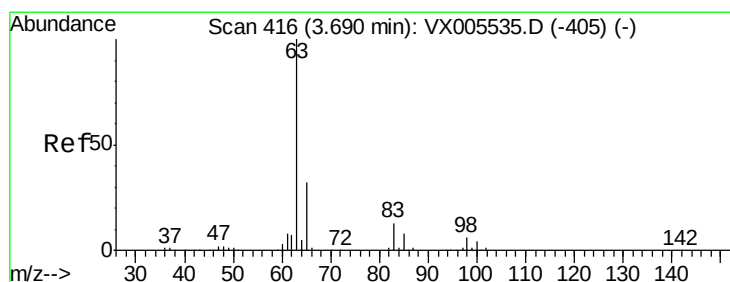
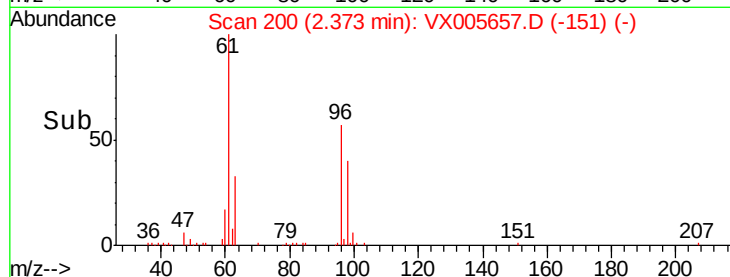
Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

2.37

Time-->



#24

1,1-Dichloroethane

Concen: 59.224 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX005657.D

Acq: 29 Oct 2018 13:51

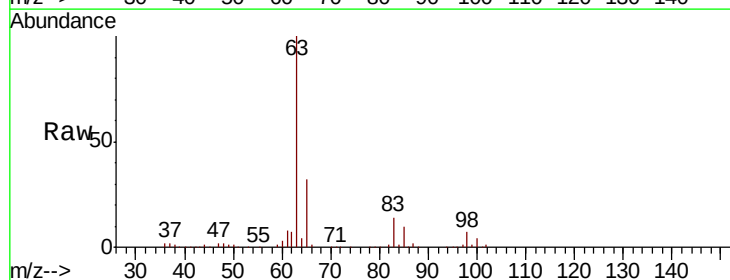
Tgt Ion: 63 Resp: 270224

Ion Ratio Lower Upper

63 100

98 6.7 3.2 9.6

100 4.0 2.1 6.2



Abundance

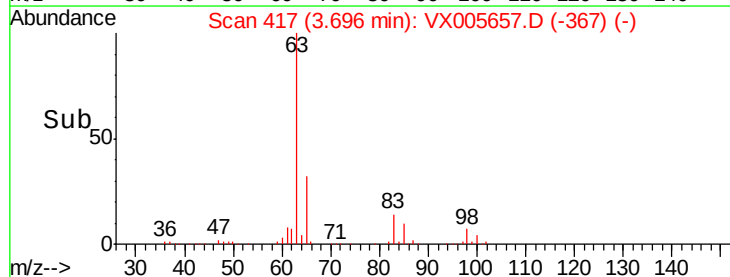
Ion 62.90 (62.60 to 63.60): VX0

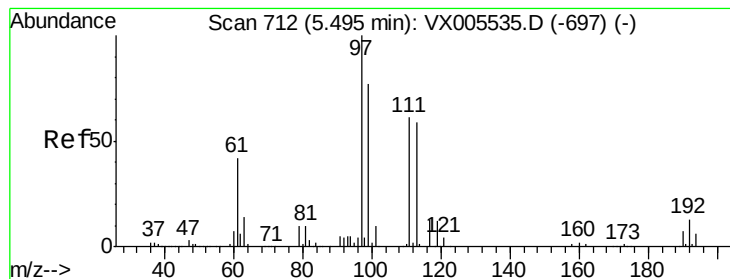
Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.70

Time-->





#32

1,1,1-Trichloroethane

Concen: 4.591 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX005657.D

Acq: 29 Oct 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ143I-20181024

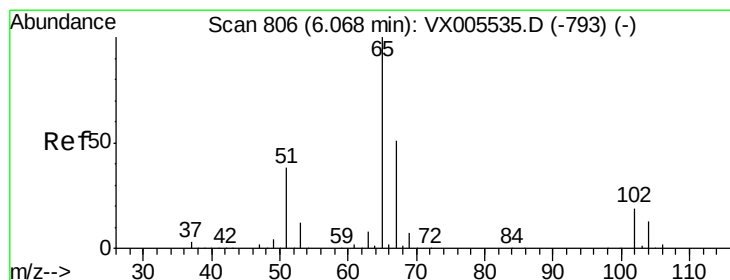
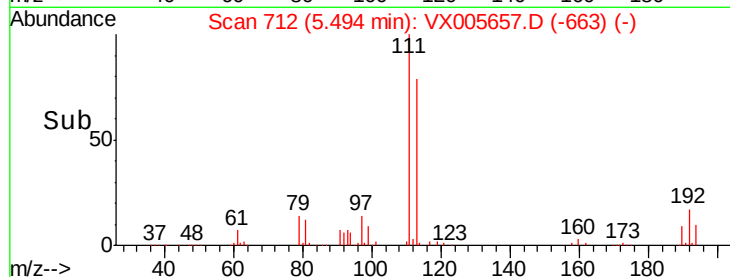
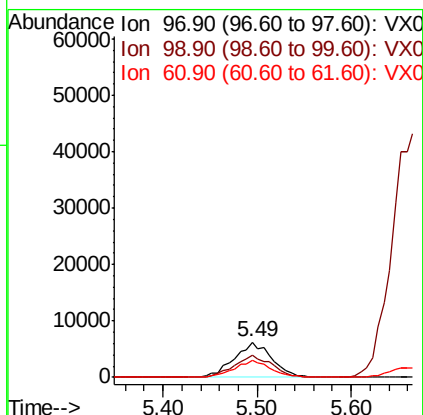
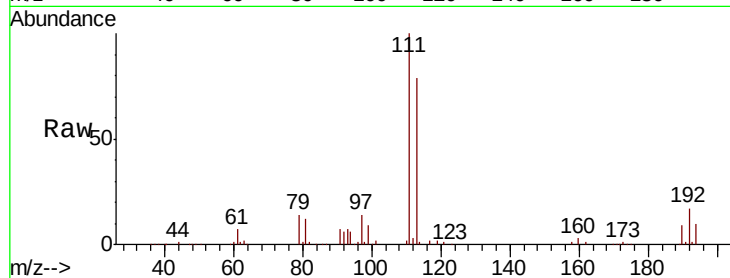
Tot Ion: 97 Resp: 17295

Ion Ratio Lower Upper

97 100

99 62.4 52.3 78.5

61 45.9 35.2 52.8



#33

1,2-Dichloroethane-d4

Concen: 49.808 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX005657.D

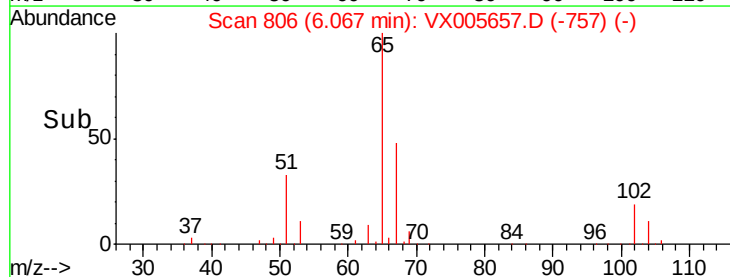
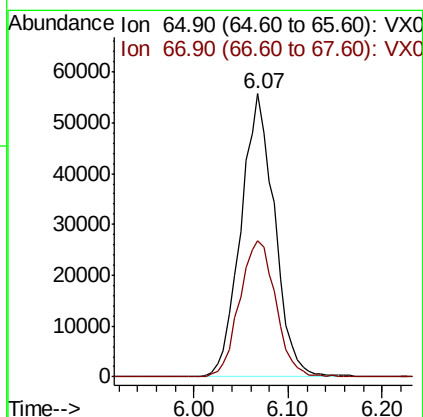
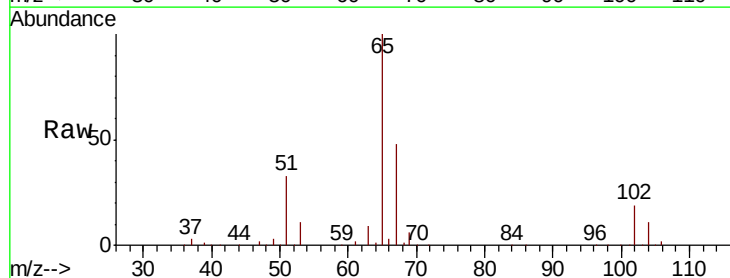
Acq: 29 Oct 2018 13:51

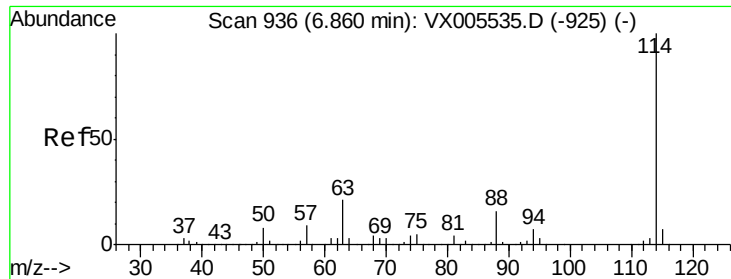
Tgt Ion: 65 Resp: 139473

Ion Ratio Lower Upper

65 100

67 51.6 0.0 105.0

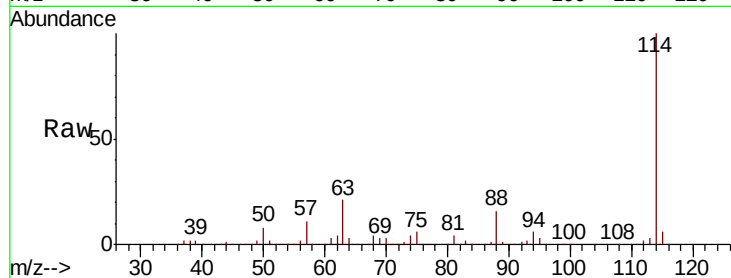




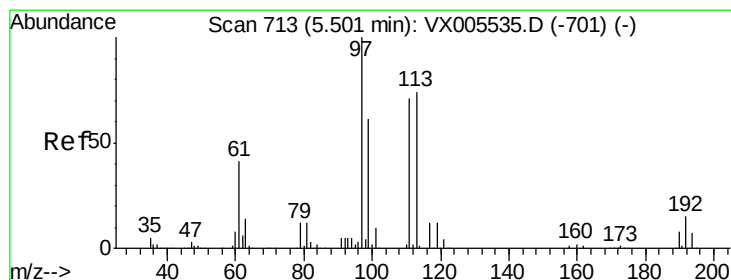
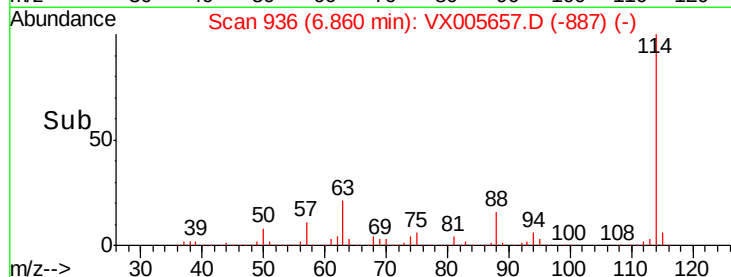
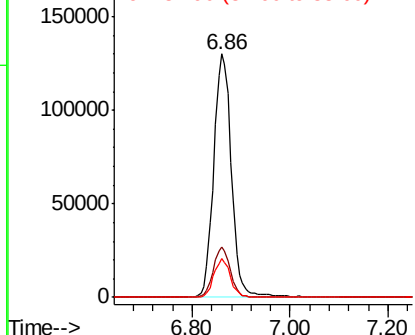
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005657.D
 Acq: 29 Oct 2018 13:51

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ143I-20181024

Tot Ion:114 Resp: 326915
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 42.8
 88 15.9 0.0 31.2

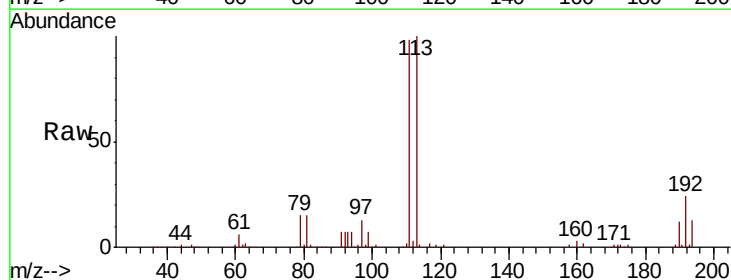


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

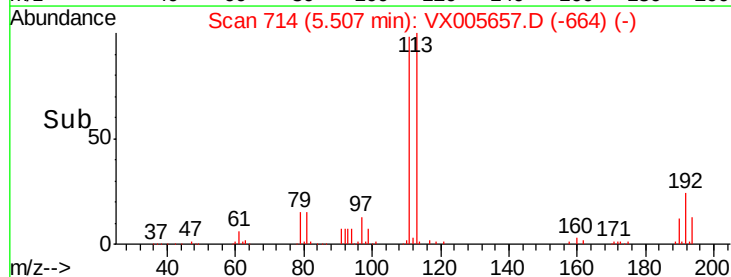
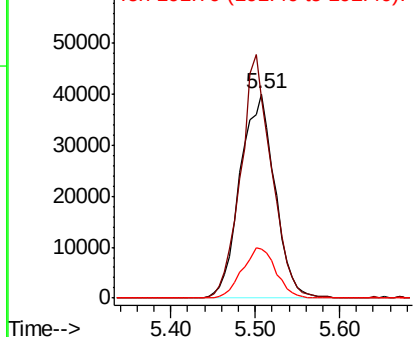


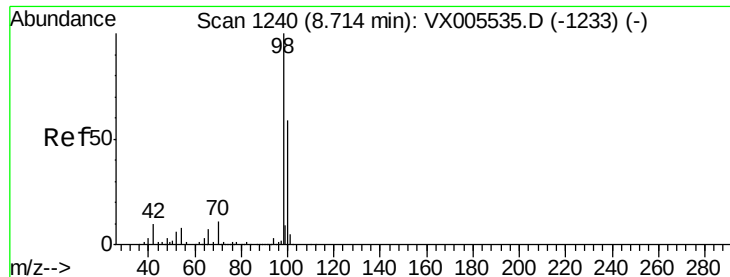
#35
 Dibromofluoromethane
 Concen: 50.428 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX005657.D
 Acq: 29 Oct 2018 13:51

Tgt Ion:113 Resp: 111626
 Ion Ratio Lower Upper
 113 100
 111 106.1 82.3 123.5
 192 24.0 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: 48.617 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX005657.D

Acq: 29 Oct 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

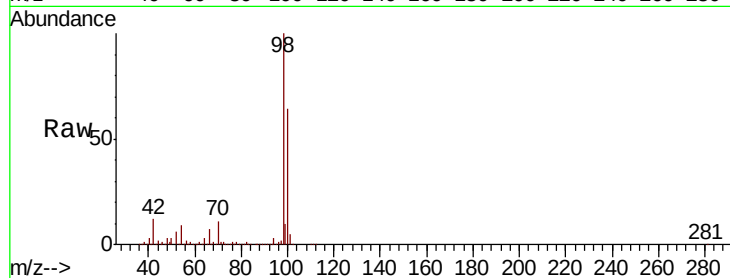
SA-PZ143I-20181024

Tot Ion: 98 Resp: 386698

Ion Ratio Lower Upper

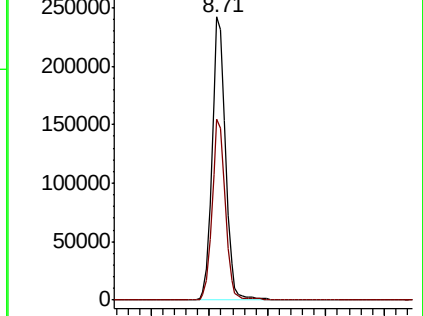
98 100

100 62.8 51.3 76.9

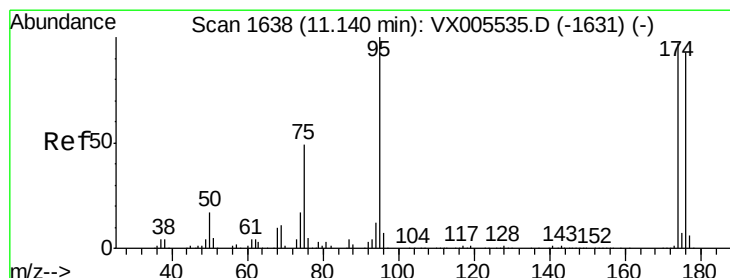
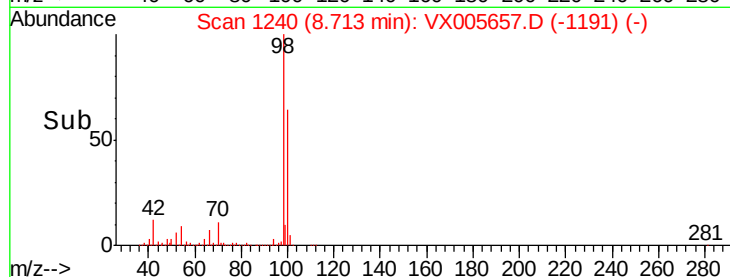


Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



Time-->



#62

4-Bromofluorobenzene

Concen: 44.214 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005657.D

Acq: 29 Oct 2018 13:51

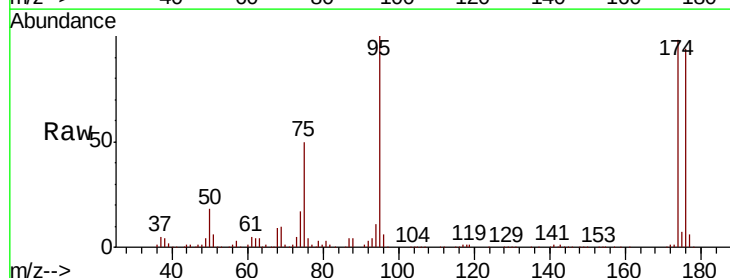
Tgt Ion: 95 Resp: 132808

Ion Ratio Lower Upper

95 100

174 92.2 0.0 184.4

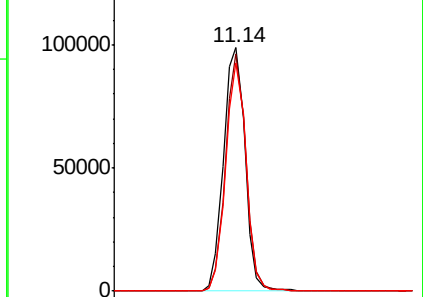
176 89.5 0.0 177.4



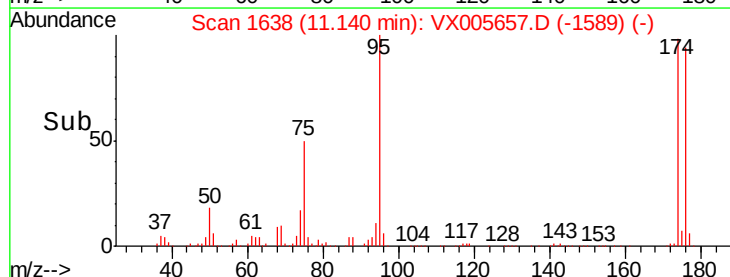
Abundance Ion 94.90 (94.60 to 95.60): VX0

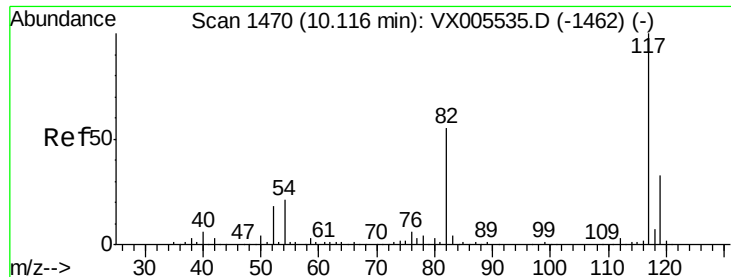
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX005657.D

Acq: 29 Oct 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ143I-20181024

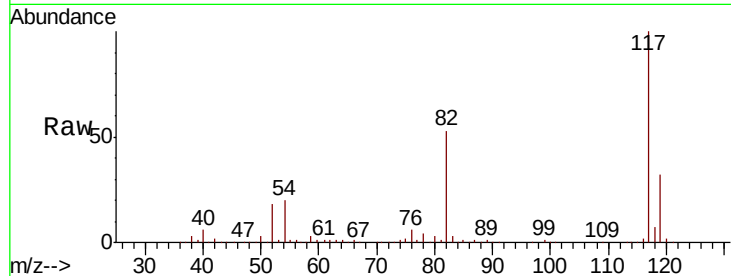
Tot Ion:117 Resp: 290766

Ion Ratio Lower Upper

117 100

82 53.3 44.1 66.1

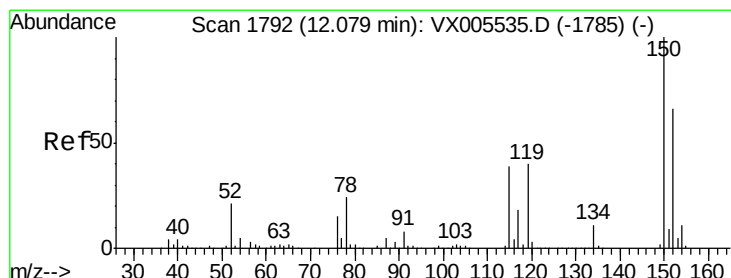
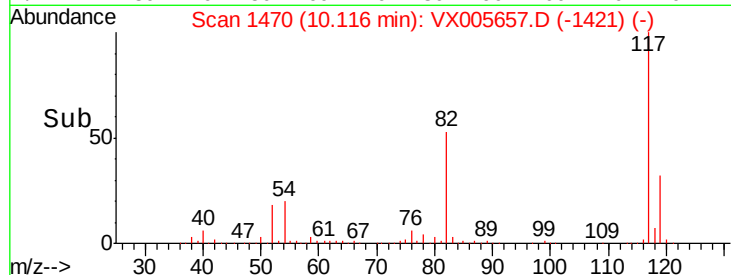
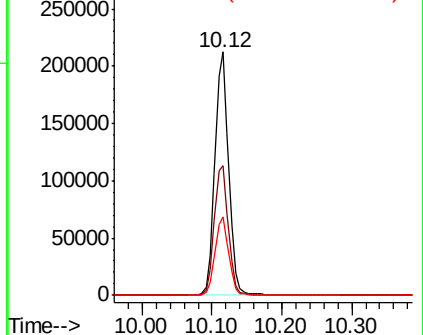
119 32.4 26.2 39.2



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: VX005657.D

Acq: 29 Oct 2018 13:51

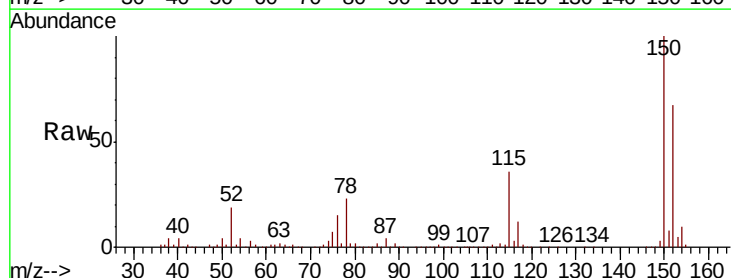
Tgt Ion:152 Resp: 181007

Ion Ratio Lower Upper

152 100

115 55.9 39.4 118.1

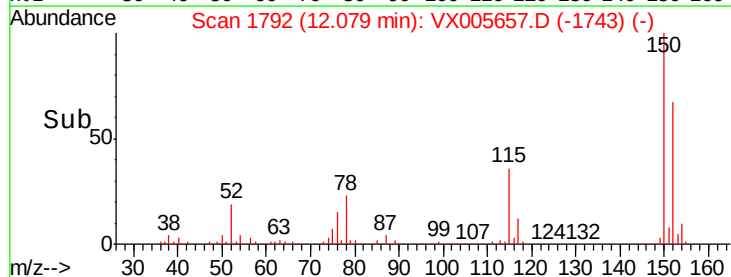
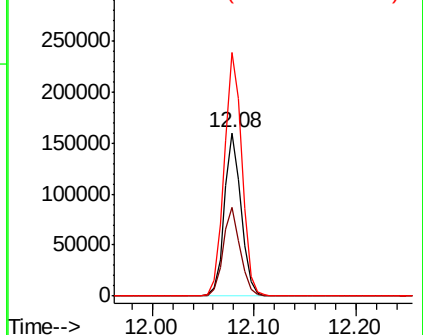
150 159.0 0.0 346.4

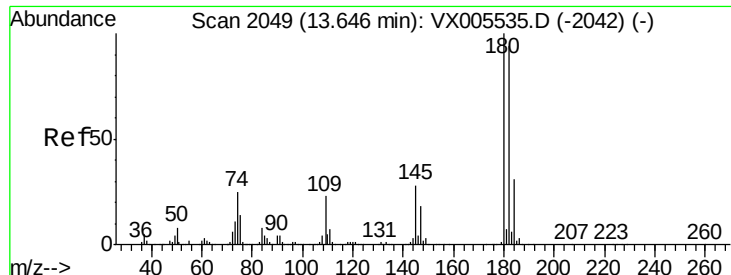


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#93
 1,2,4-Trichlorobenzene
 Concen: 0.598 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005657.D
 Acq: 29 Oct 2018 13:51

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ143I-20181024

Tot Ion:180 Resp: 2544
 Ion Ratio Lower Upper
 180 100
 182 98.7 47.6 142.8
 145 46.4 14.1 42.2#

