

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102918\
 Data File : VX005662.D
 Acq On : 29 Oct 2018 16:04
 Operator : JC/MD
 Sample : J5692-18
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ144I-20181025

Quant Time: Oct 30 11:05:23 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

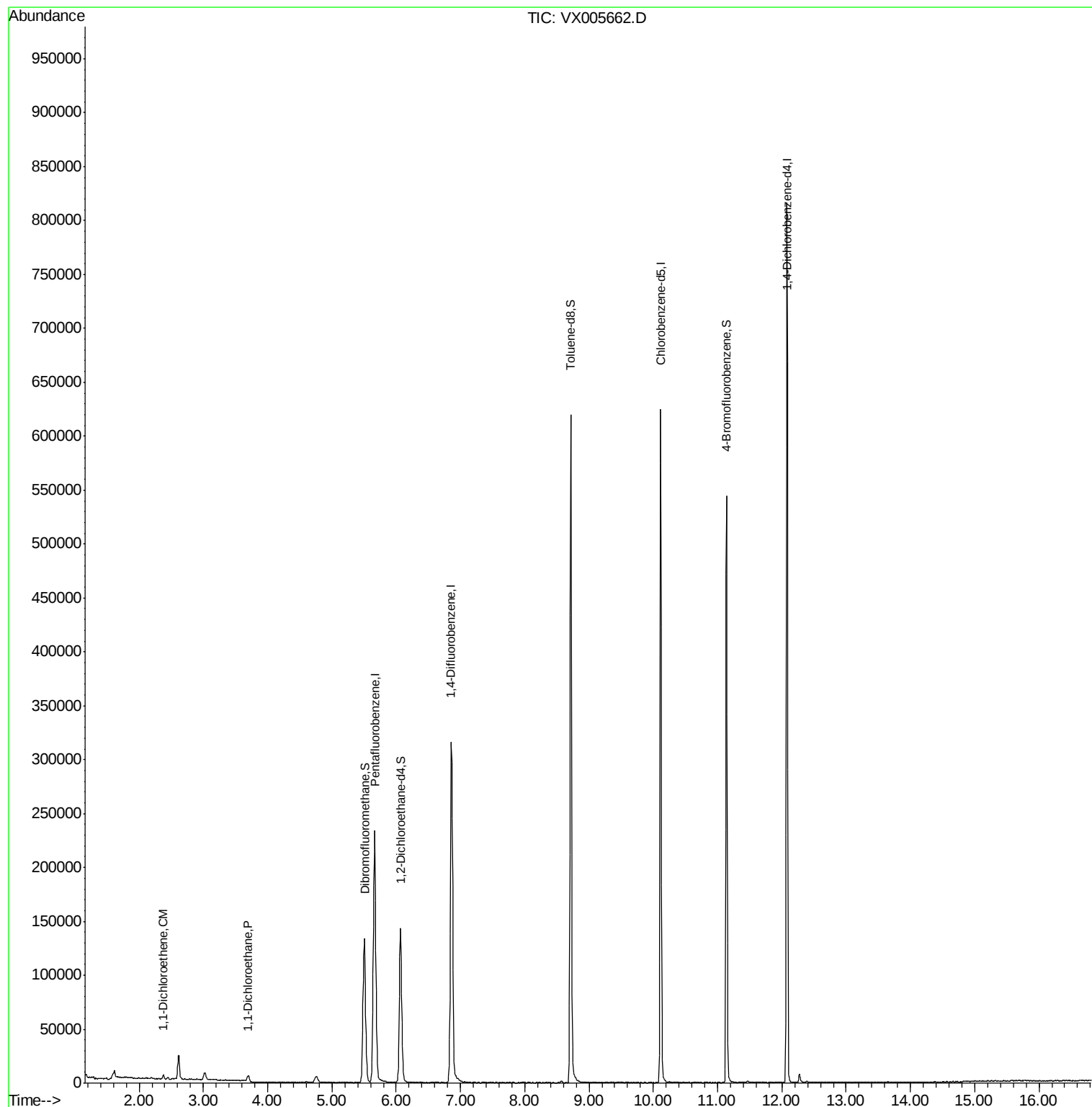
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	224934	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	340519	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	290770	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	171662	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	139088	50.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.32%	
35) Dibromofluoromethane	5.51	113	109176	47.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.70%	
50) Toluene-d8	8.71	98	384699	46.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.86%	
62) 4-Bromofluorobenzene	11.14	95	133190	42.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.14%	
Target Compounds						
12) 1,1-Dichloroethene	2.37	96	1142	0.541	ug/l #	75
24) 1,1-Dichloroethane	3.70	63	5508	1.231	ug/l	97

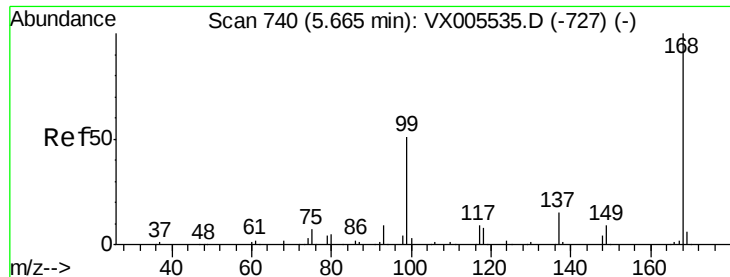
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX005662.D

Acq: 29 Oct 2018 16:04

Instrument :

MSVOA_X

ClientSampleId :

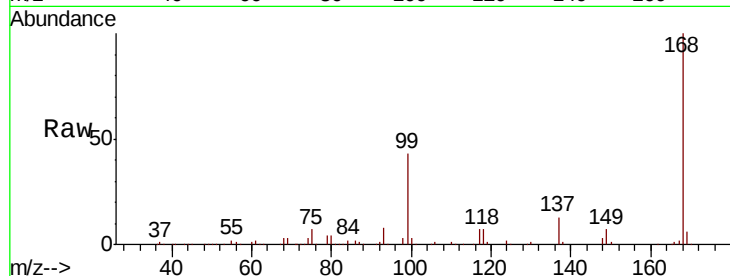
SA-PZ144I-20181025

Tot Ion:168 Resp: 224934

Ion Ratio Lower Upper

168 100

99 43.4 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

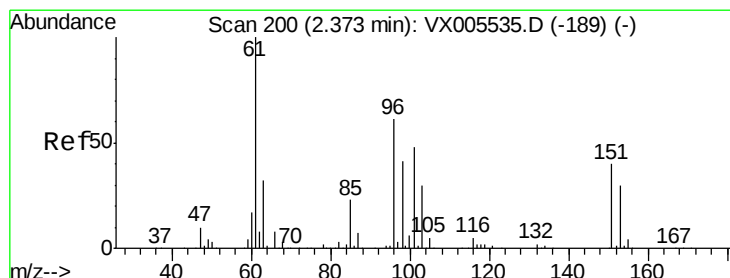
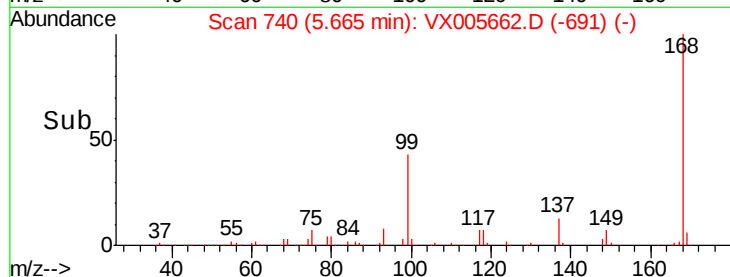
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#12

1,1-Dichloroethene

Concen: 0.541 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.00 min

Lab File: VX005662.D

Acq: 29 Oct 2018 16:04

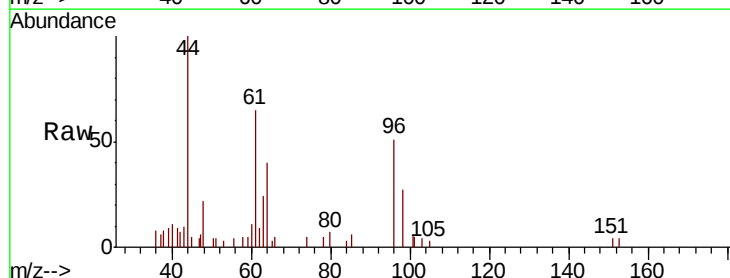
Tgt Ion: 96 Resp: 1142

Ion Ratio Lower Upper

96 100

61 127.5 131.8 197.8#

98 51.9 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

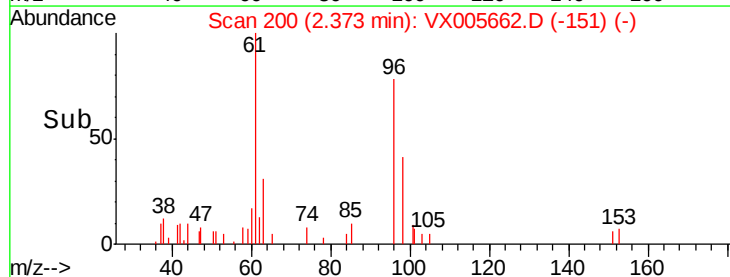
2.37

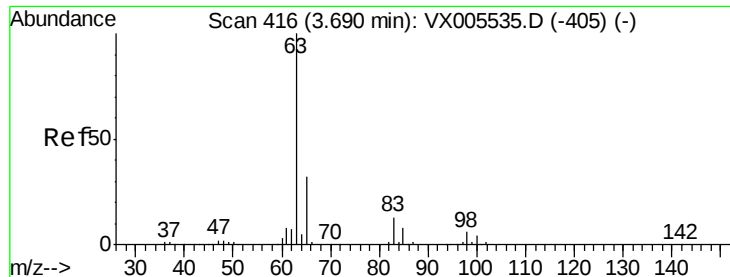
1000

500

0

Time--> 2.35 2.40 2.45





#24

1,1-Dichloroethane

Concen: 1.231 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX005662.D

Acq: 29 Oct 2018 16:04

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ144I-20181025

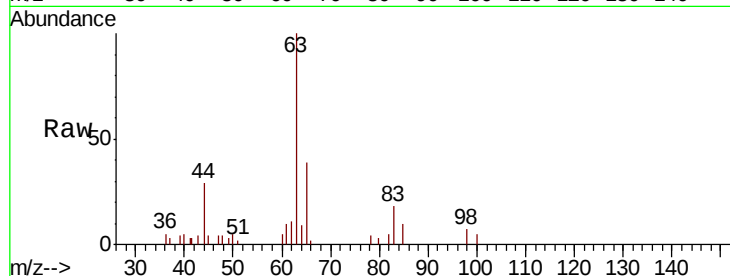
Tot Ion: 63 Resp: 5508

Ion Ratio Lower Upper

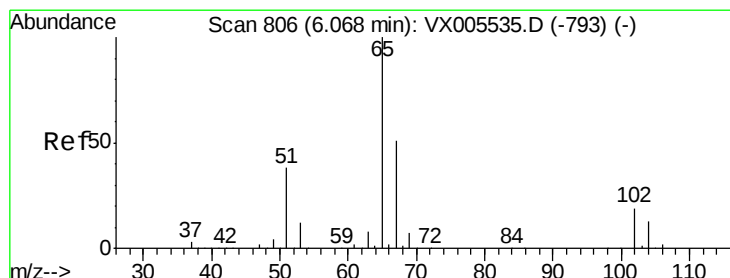
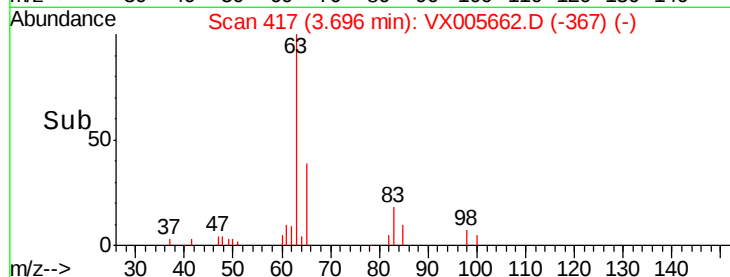
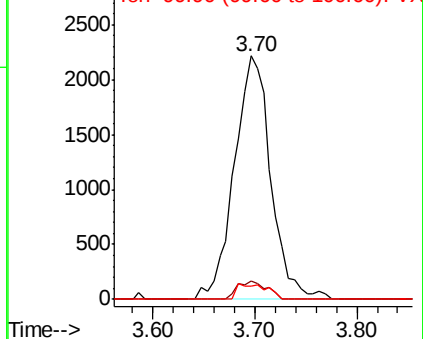
63 100

98 7.3 3.2 9.6

100 5.3 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: 50.656 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX005662.D

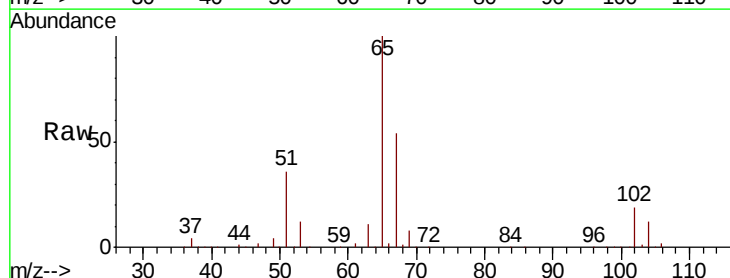
Acq: 29 Oct 2018 16:04

Tgt Ion: 65 Resp: 139088

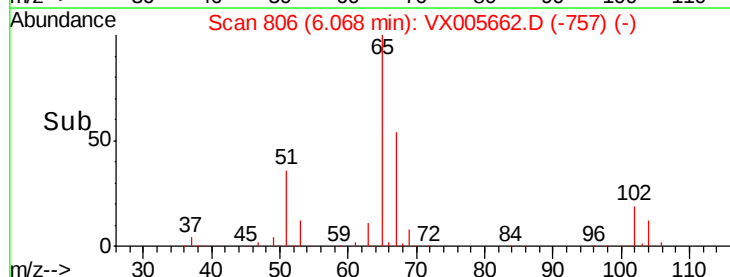
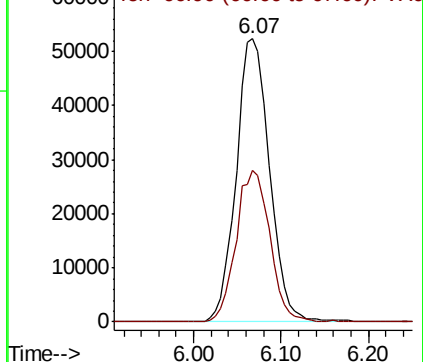
Ion Ratio Lower Upper

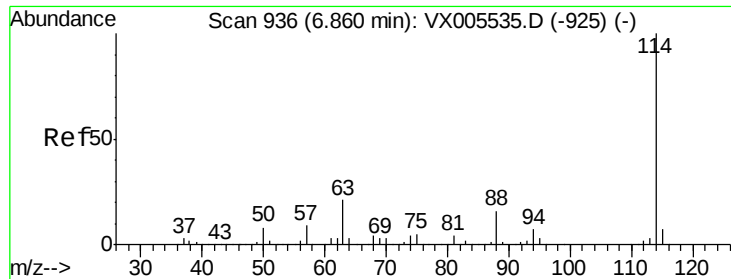
65 100

67 54.0 0.0 105.0



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

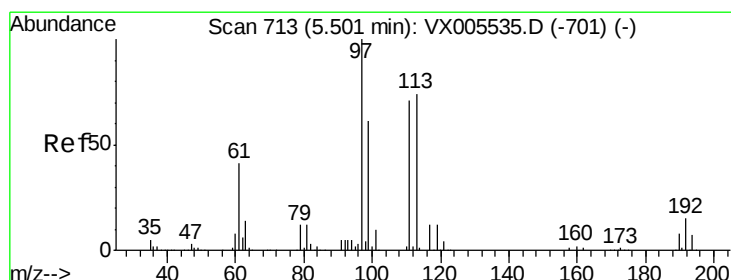
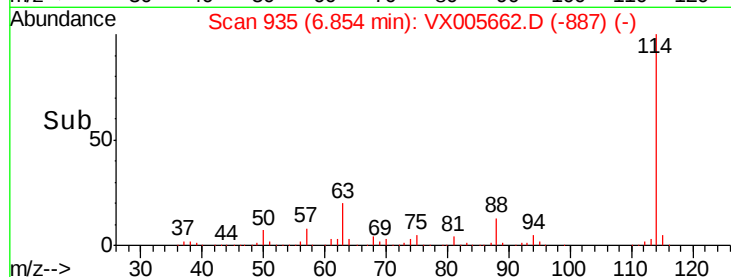
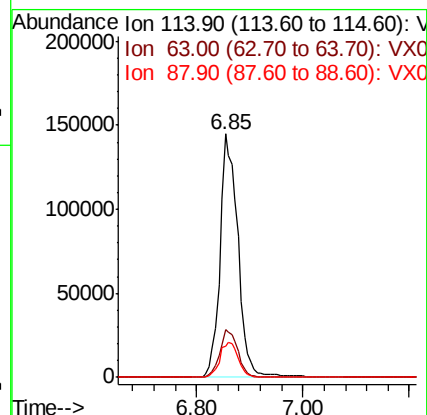
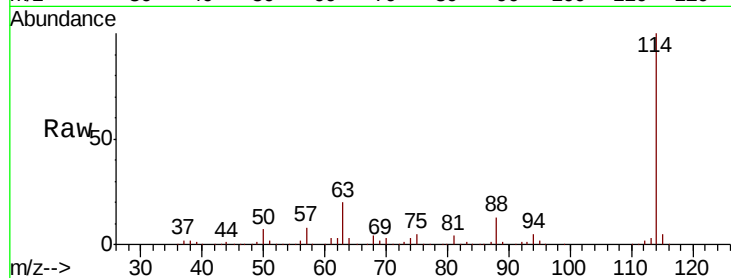




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX005662.D
 Acq: 29 Oct 2018 16:04

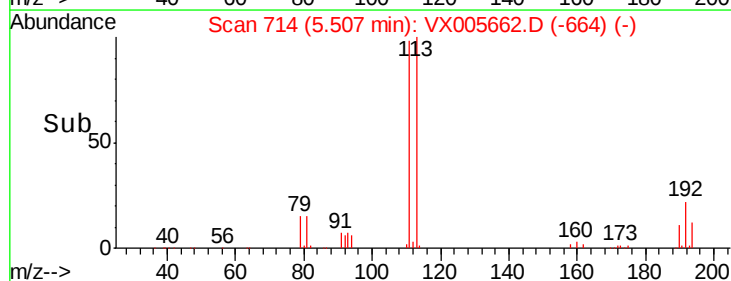
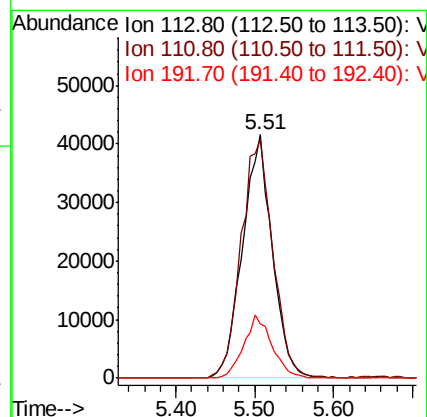
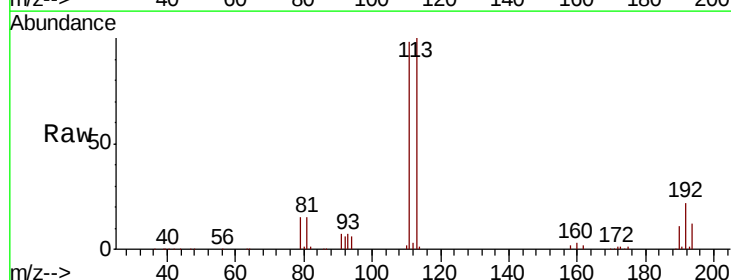
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ144I-20181025

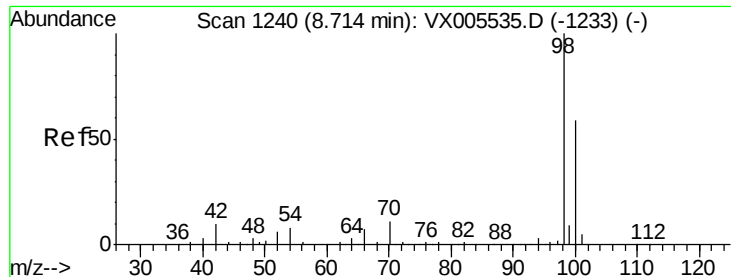
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	42.8
88	12.8	0.0	31.2



#35
 Dibromofluoromethane
 Concen: 47.350 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX005662.D
 Acq: 29 Oct 2018 16:04

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.5	82.3	123.5
192	24.4	17.9	26.9





#50

Toluene-d8

Concen: 46.434 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX005662.D

Acq: 29 Oct 2018 16:04

Instrument :

MSVOA_X

ClientSampleId :

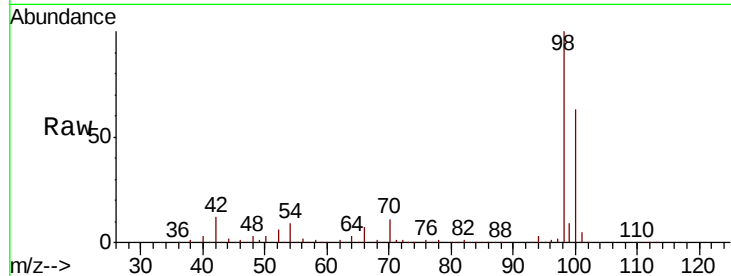
SA-PZ144I-20181025

Tot Ion: 98 Resp: 384699

Ion Ratio Lower Upper

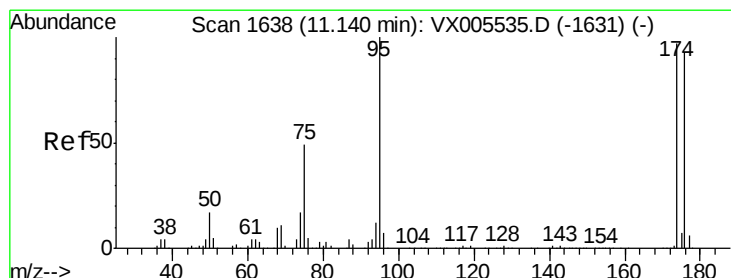
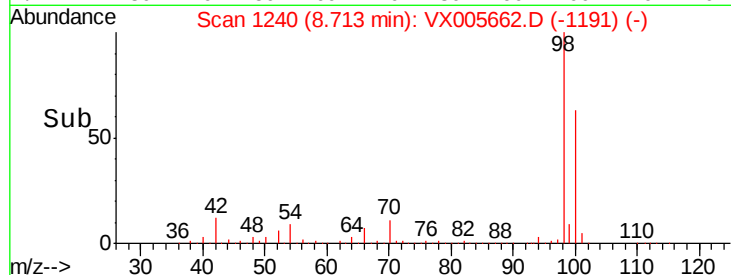
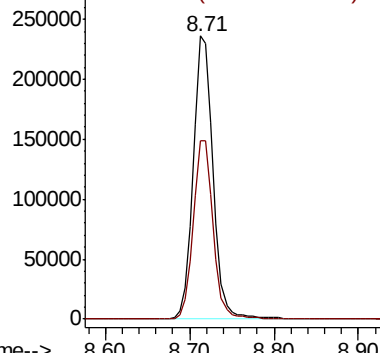
98 100

100 63.5 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: 42.570 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005662.D

Acq: 29 Oct 2018 16:04

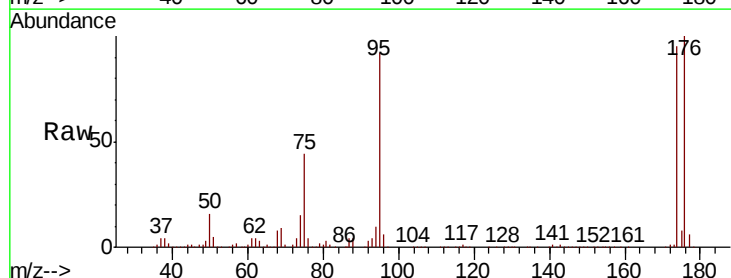
Tgt Ion: 95 Resp: 133190

Ion Ratio Lower Upper

95 100

174 94.1 0.0 184.4

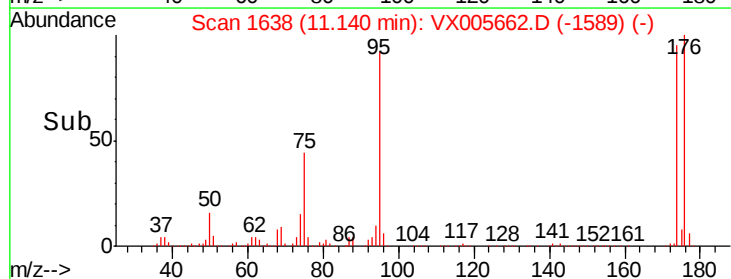
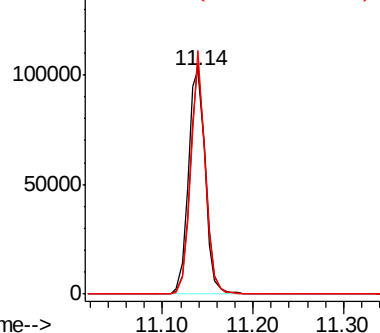
176 92.0 0.0 177.4

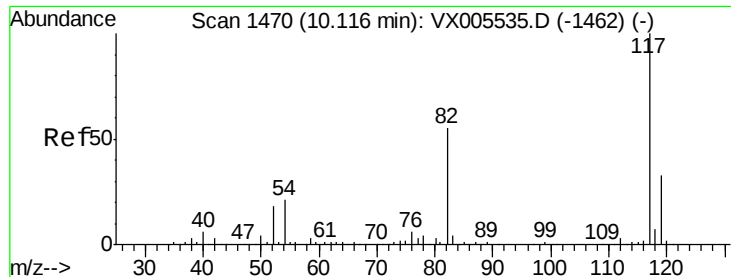


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

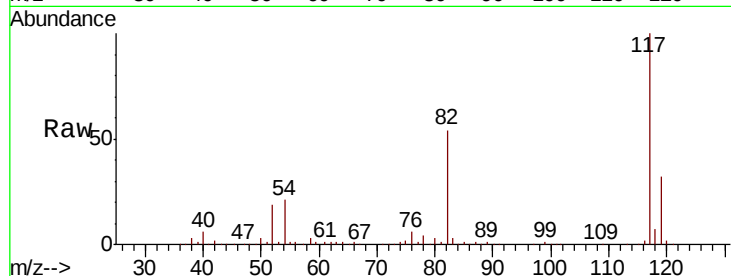




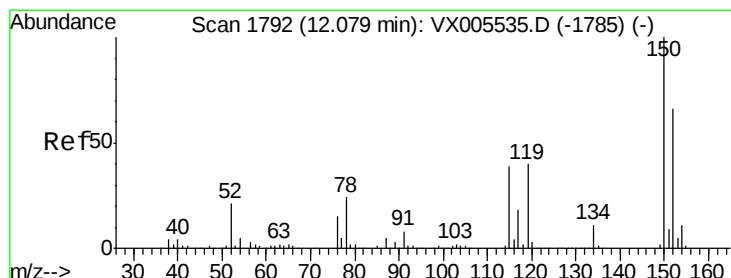
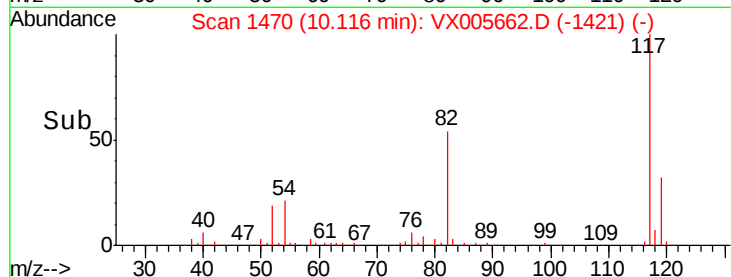
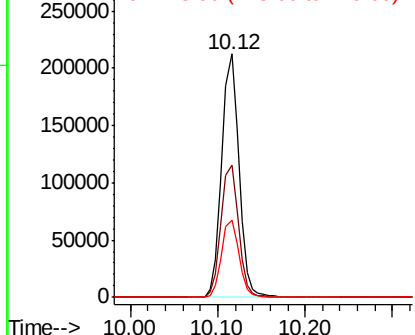
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005662.D
Acq: 29 Oct 2018 16:04

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ144I-20181025

Tot Ion:117 Resp: 290770
Ion Ratio Lower Upper
117 100
82 54.2 44.1 66.1
119 31.9 26.2 39.2

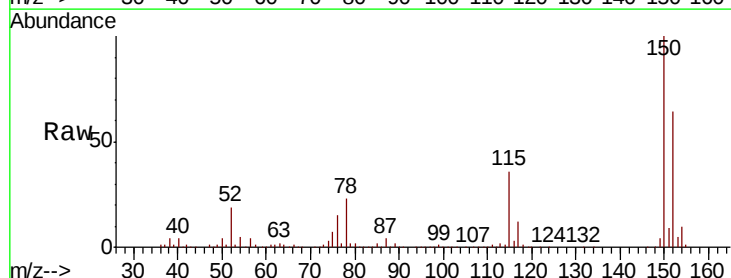


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005662.D
Acq: 29 Oct 2018 16:04

Tgt Ion:152 Resp: 171662
Ion Ratio Lower Upper
152 100
115 55.6 39.4 118.1
150 160.1 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

