

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111318\
 Data File : VX005963.D
 Acq On : 13 Nov 2018 21:40
 Operator : JC/MD
 Sample : J5934-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0142

Quant Time: Nov 14 04:47:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

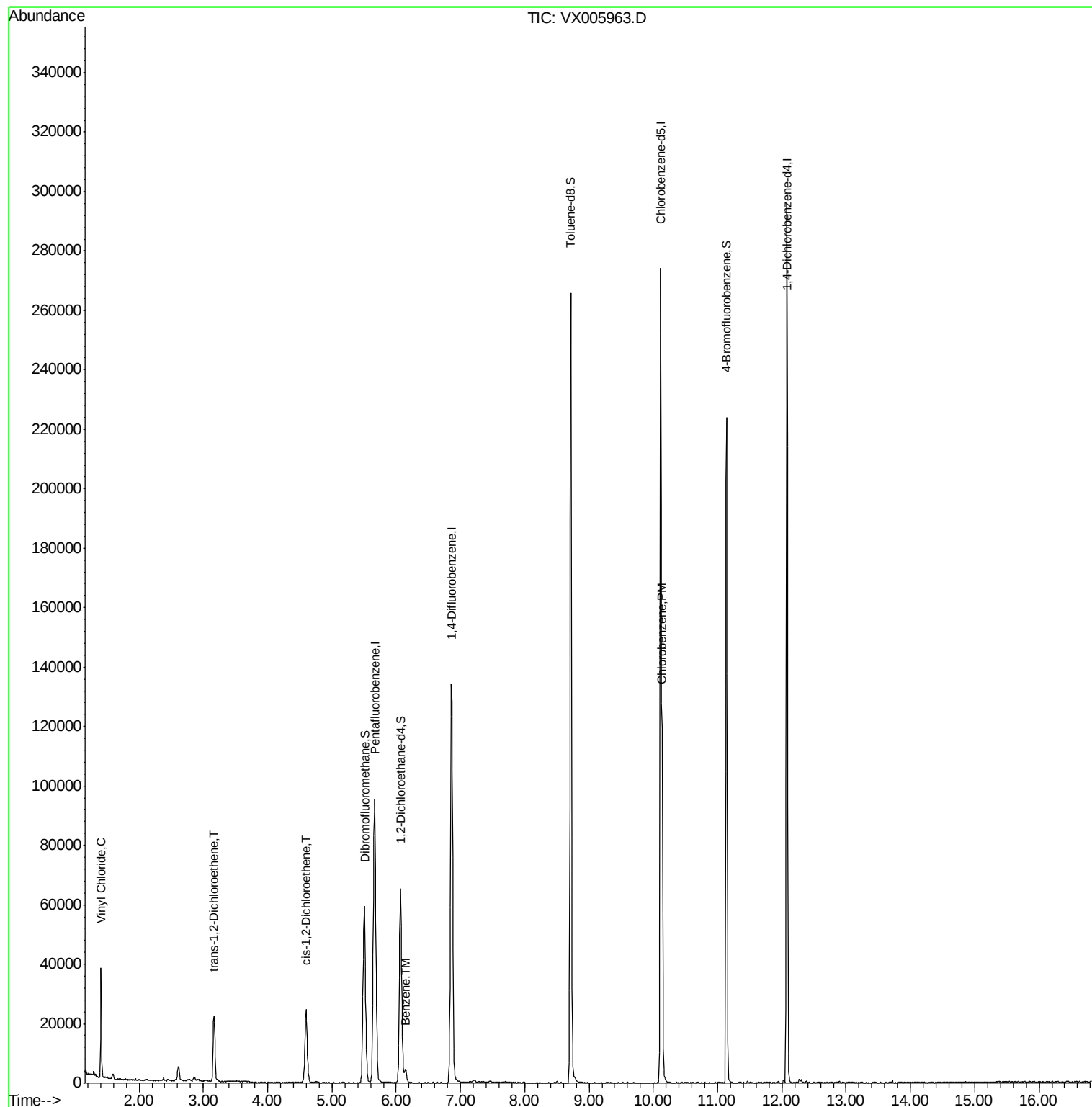
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	95520	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.86	114	132801	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	123032	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	60550	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	62611	57.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.04%	
35) Dibromofluoromethane	5.51	113	48470	53.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.32%	
50) Toluene-d8	8.71	98	161703	53.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.70%	
62) 4-Bromofluorobenzene	11.14	95	55770	51.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.32%	
Target Compounds						
4) Vinyl Chloride	1.41	62	24914	21.957	ug/l	100
21) trans-1,2-Dichloroethene	3.17	96	8582	9.637	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	14668	14.917	ug/l	88
40) Benzene	6.15	78	4781	1.281	ug/l	95
65) Chlorobenzene	10.14	112	47652	19.334	ug/l	100

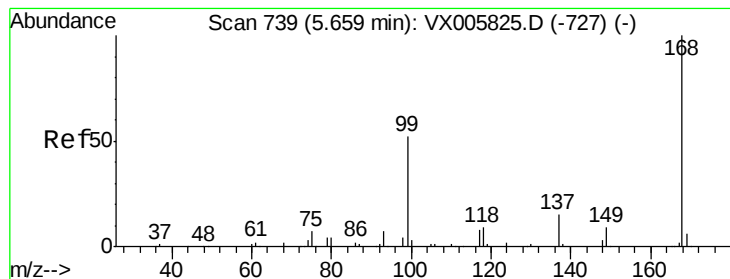
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Nov 07 14:40:53 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 741

Delta R.T. 0.01 min

Lab File: VX005963.D

Acq: 13 Nov 2018 21:40

Instrument :

MSVOA_X

ClientSampleId :

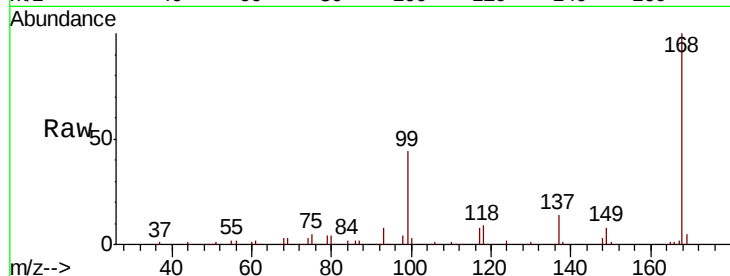
S36-0142

Tot Ion:168 Resp: 95520

Ion Ratio Lower Upper

168 100

99 44.1 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

40000

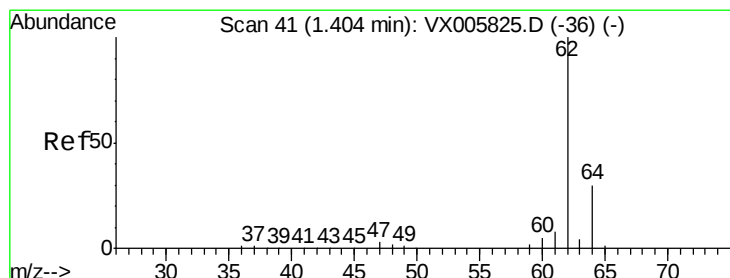
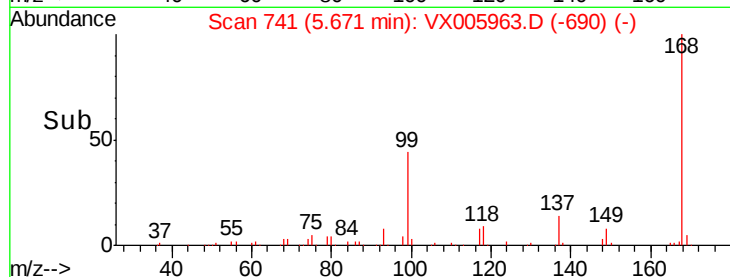
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 21.957 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.01 min

Lab File: VX005963.D

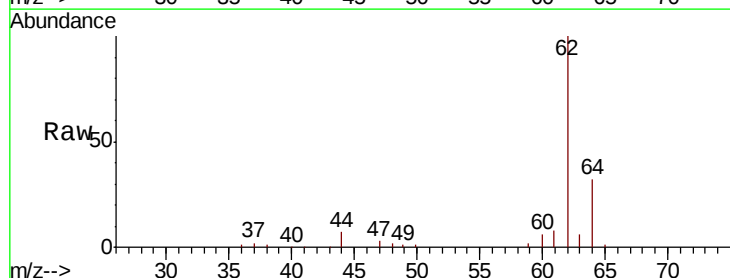
Acq: 13 Nov 2018 21:40

Tgt Ion: 62 Resp: 24914

Ion Ratio Lower Upper

62 100

64 31.8 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

25000

20000

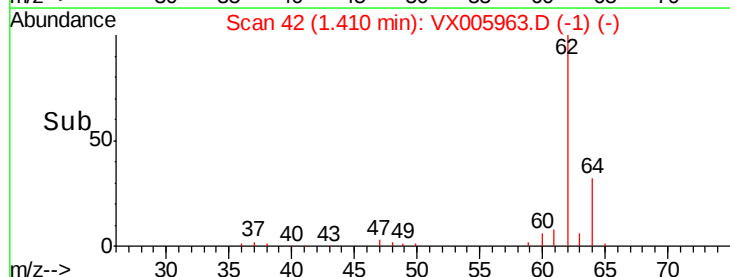
15000

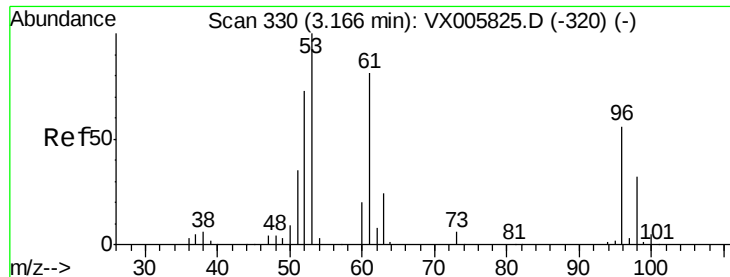
10000

5000

0

Time--> 1.35 1.40 1.45 1.50

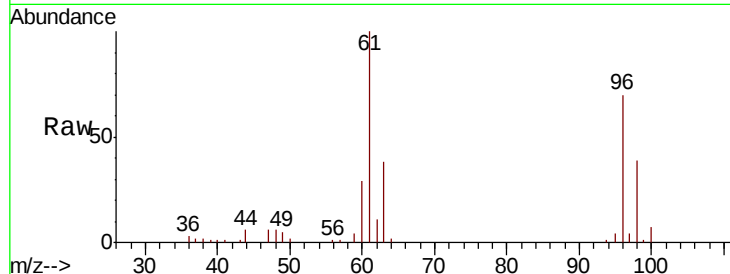




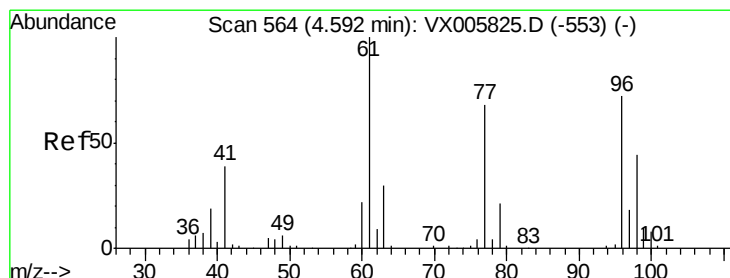
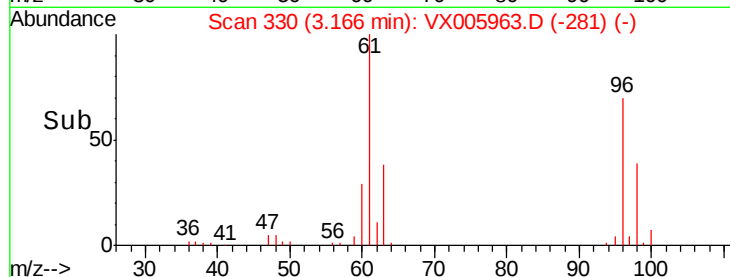
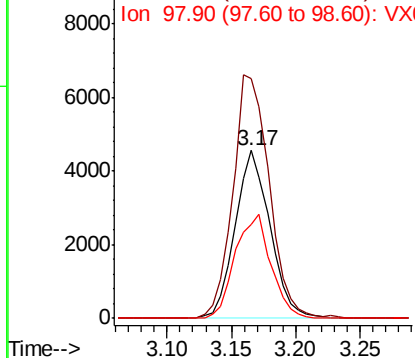
#21
trans-1,2-Dichloroethene
Concen: 9.637 ug/l
RT: 3.17 min Scan# 330
Delta R.T. -0.00 min
Lab File: VX005963.D
Acq: 13 Nov 2018 21:40

Instrument :
MSVOA_X
ClientSampleId :
S36-0142

Tot Ion: 96 Resp: 8582
Ion Ratio Lower Upper
96 100
61 142.7 115.6 173.4
98 55.7 50.2 75.2

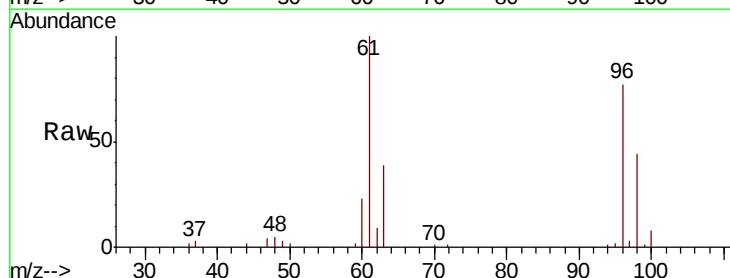


Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0

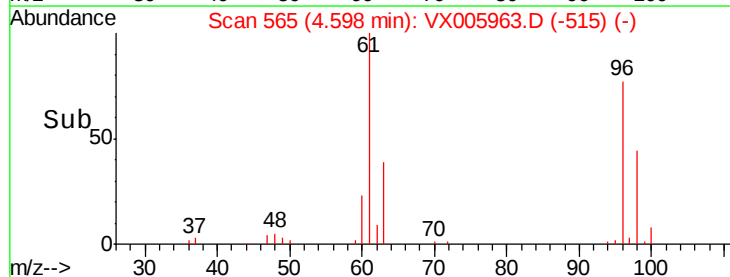
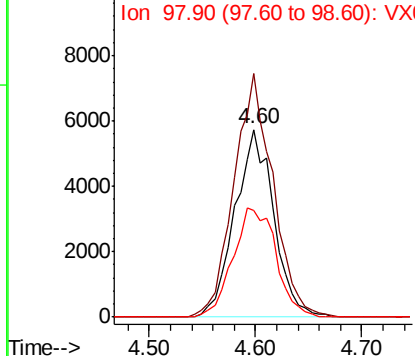


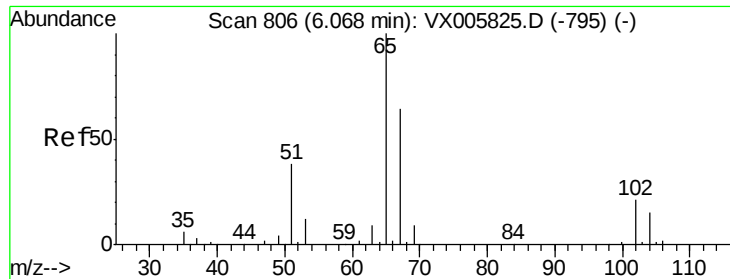
#27
cis-1,2-Dichloroethene
Concen: 14.917 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX005963.D
Acq: 13 Nov 2018 21:40

Tgt Ion: 96 Resp: 14668
Ion Ratio Lower Upper
96 100
61 130.5 0.0 304.6
98 64.4 0.0 127.4



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

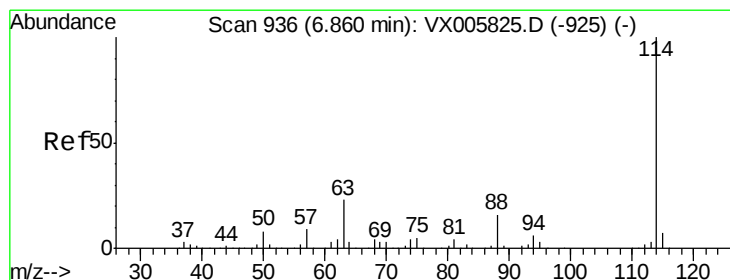
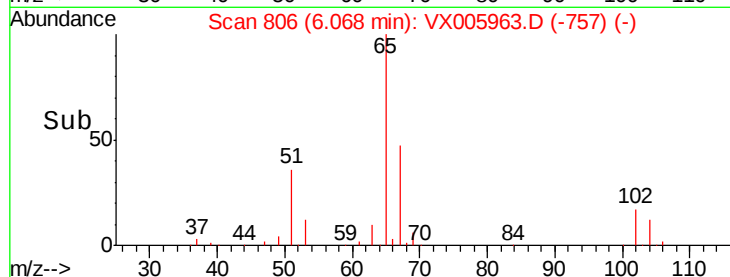
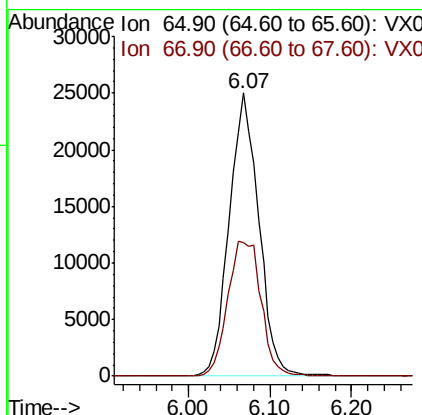
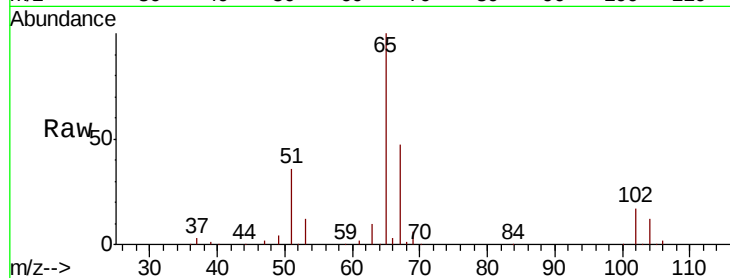




#33
 1,2-Dichloroethane-d4
 Concen: 57.016 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX005963.D
 Acq: 13 Nov 2018 21:40

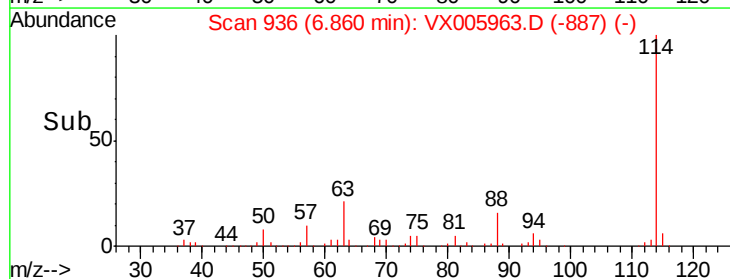
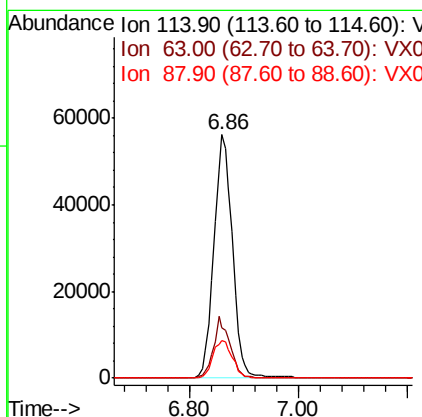
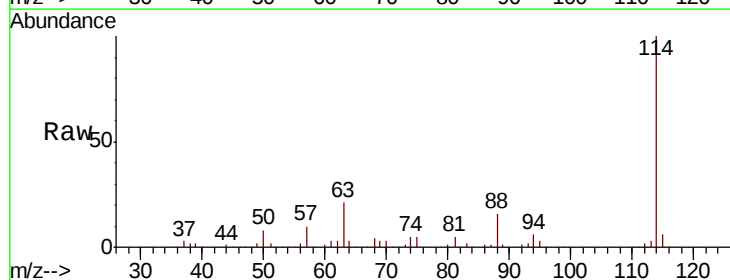
Instrument :
 MSVOA_X
 ClientSampled :
 S36-0142

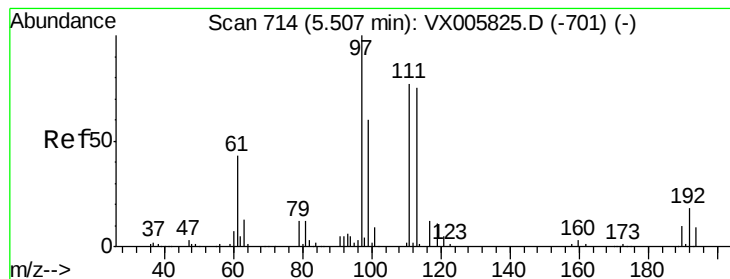
Tot Ion: 65 Resp: 62611
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005963.D
 Acq: 13 Nov 2018 21:40

Tgt Ion: 114 Resp: 132801
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 42.8
 88 15.5 0.0 31.2





#35

Dibromofluoromethane

Concen: 53.662 ug/l

RT: 5.51 min Scan# 714

Delta R.T. -0.00 min

Lab File: VX005963.D

Acq: 13 Nov 2018 21:40

Instrument :

MSVOA_X

ClientSampled :

S36-0142

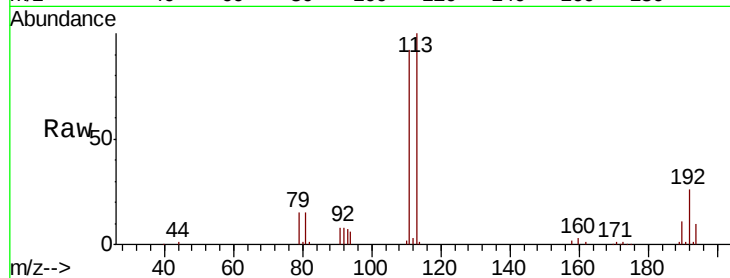
Tot Ion:113 Resp: 48470

Ion Ratio Lower Upper

113 100

111 104.9 82.3 123.5

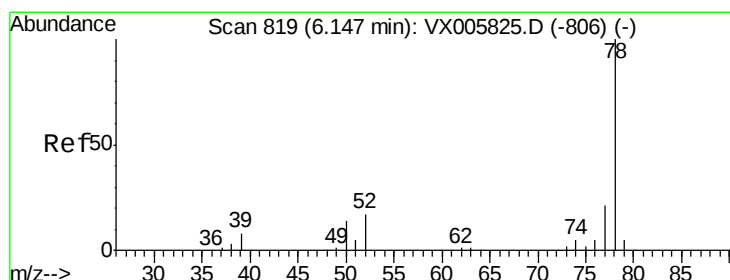
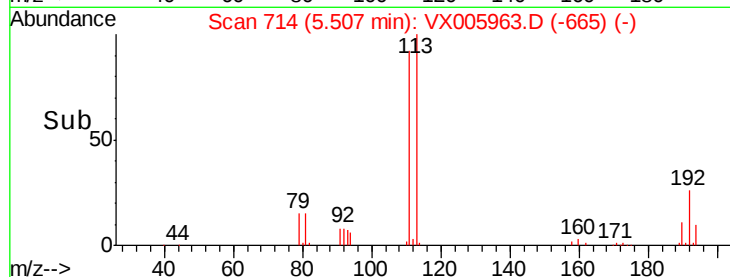
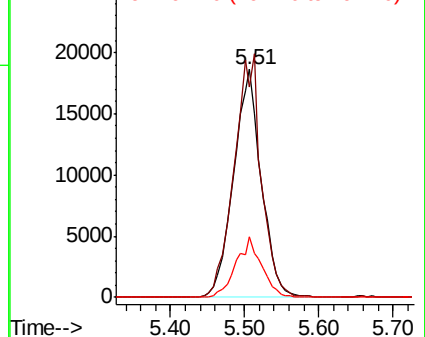
192 24.3 17.9 26.9



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



#40

Benzene

Concen: 1.281 ug/l

RT: 6.15 min Scan# 820

Delta R.T. 0.01 min

Lab File: VX005963.D

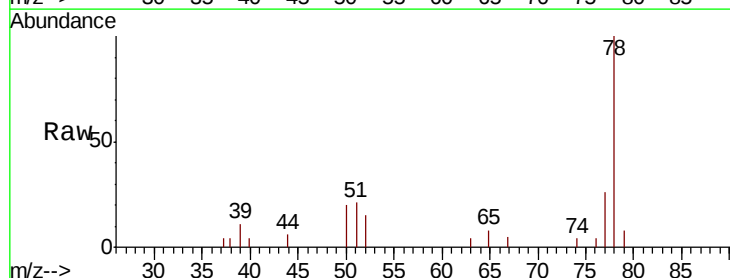
Acq: 13 Nov 2018 21:40

Tgt Ion: 78 Resp: 4781

Ion Ratio Lower Upper

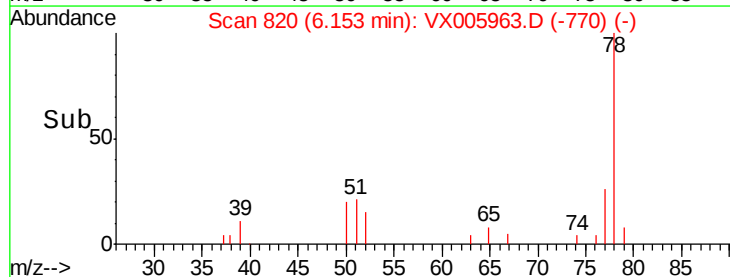
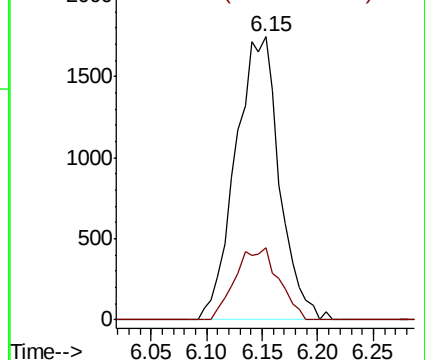
78 100

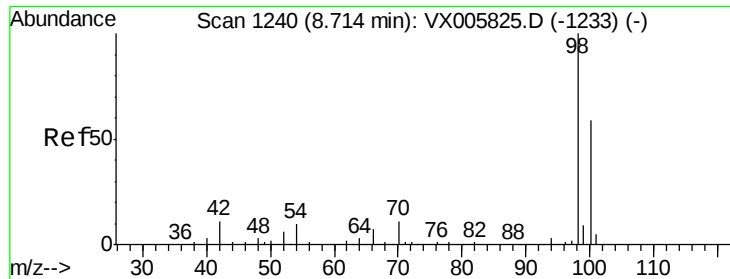
77 25.6 18.4 27.6



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#50

Toluene-d8

Concen: 53.849 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX005963.D

Acq: 13 Nov 2018 21:40

Instrument :

MSVOA_X

ClientSampleId :

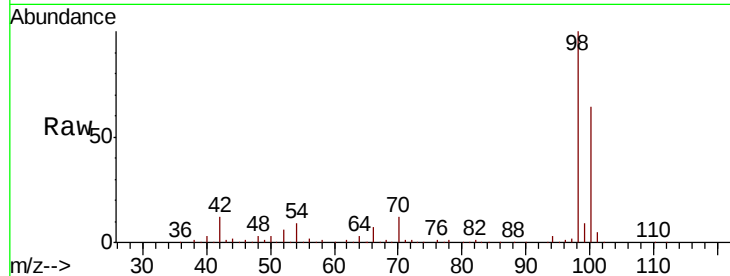
S36-0142

Tot Ion: 98 Resp: 161703

Ion Ratio Lower Upper

98 100

100 62.6 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

100000

80000

60000

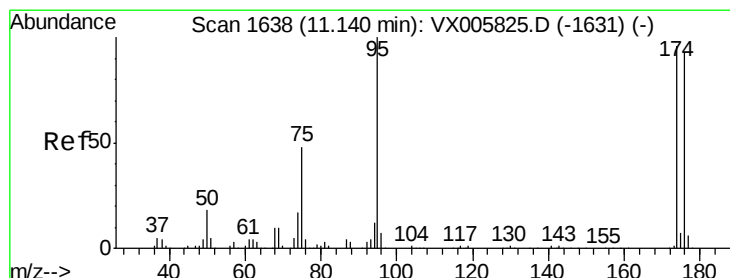
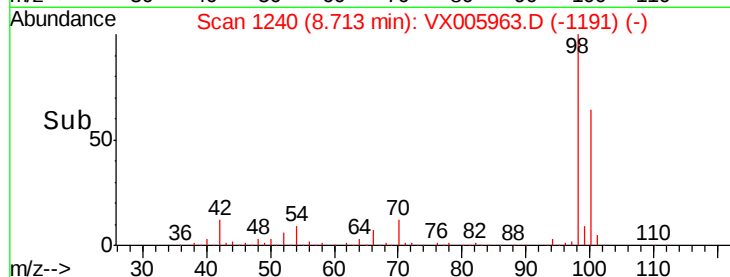
40000

20000

0

Time-->

8.60 8.70 8.80 8.90



#62

4-Bromofluorobenzene

Concen: 51.655 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005963.D

Acq: 13 Nov 2018 21:40

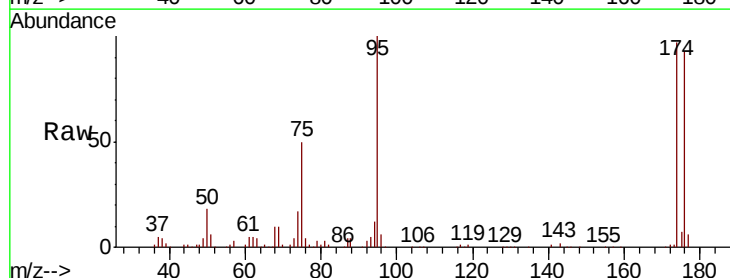
Tgt Ion: 95 Resp: 55770

Ion Ratio Lower Upper

95 100

174 91.1 0.0 184.4

176 88.9 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

11.14

60000

50000

40000

30000

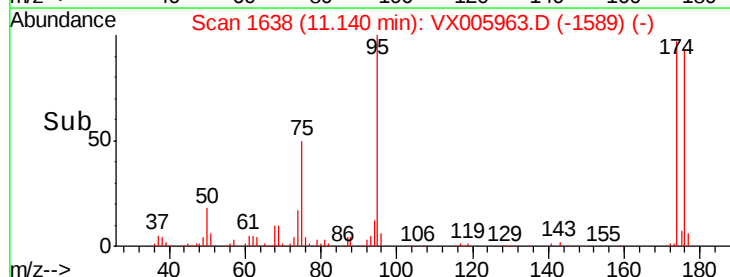
20000

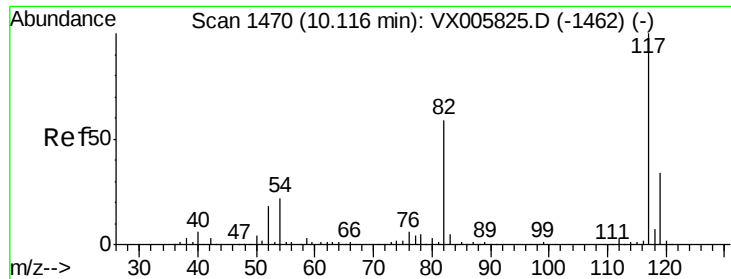
10000

0

Time-->

11.10 11.20

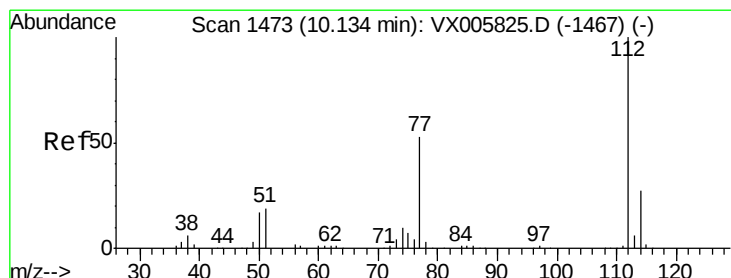
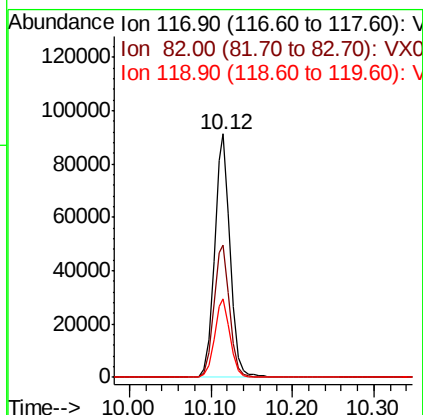
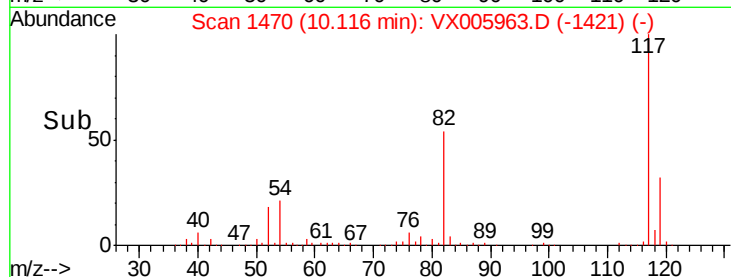
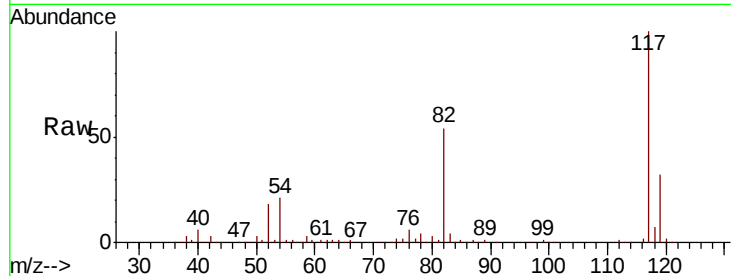




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005963.D
Acq: 13 Nov 2018 21:40

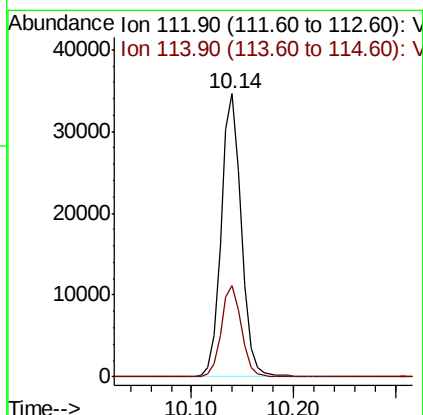
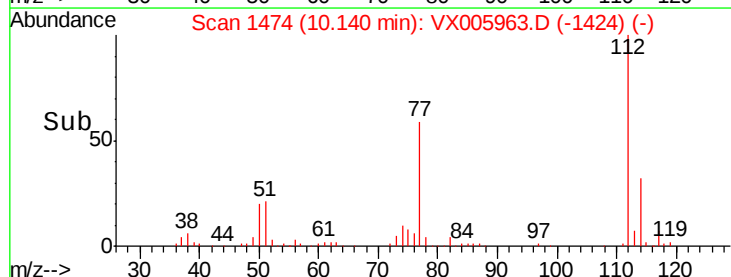
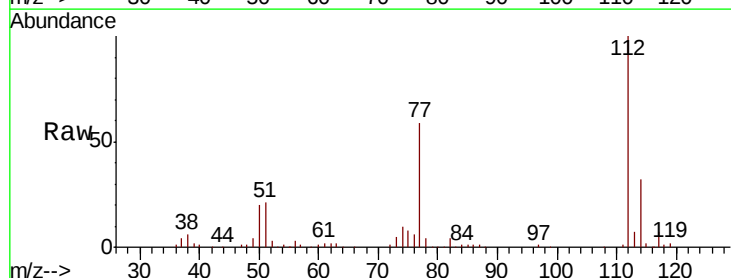
Instrument :
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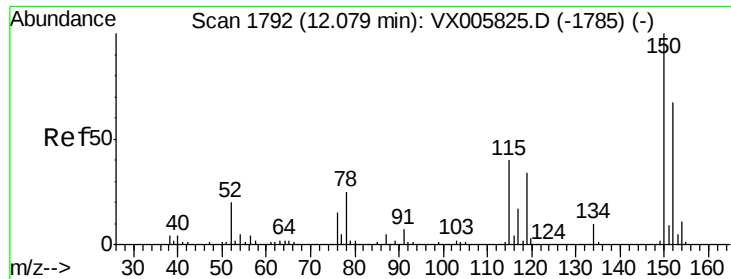
Tot Ion:117 Resp: 123032
Ion Ratio Lower Upper
117 100
82 54.2 44.1 66.1
119 32.3 26.2 39.2



#65
Chlorobenzene
Concen: 19.334 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX005963.D
Acq: 13 Nov 2018 21:40

Tgt Ion:112 Resp: 47652
Ion Ratio Lower Upper
112 100
114 32.4 25.8 38.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX005963.D
 Acq: 13 Nov 2018 21:40

Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0142

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.6	39.4	118.1
150	156.6	0.0	346.4

