

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100418\
 Data File : VX005033.D
 Acq On : 04 Oct 2018 21:49
 Operator : JC/MD
 Sample : J5207-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-DUP04-20180927

Quant Time: Oct 05 14:20:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

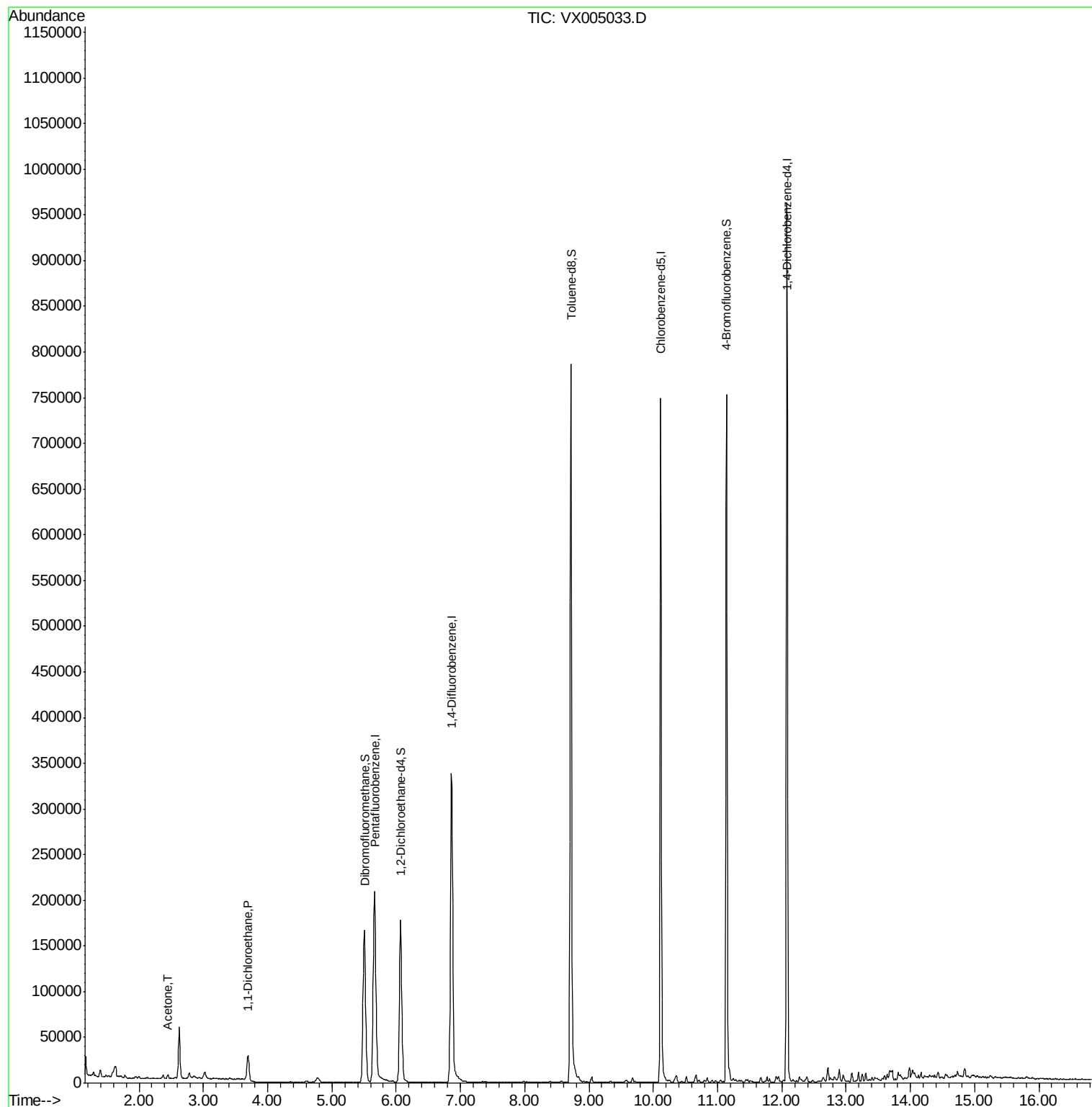
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	223801	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	364455	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	356476	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	201516	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	167482	52.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.78%	
35) Dibromofluoromethane	5.51	113	142152	46.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.04%	
50) Toluene-d8	8.72	98	524760	51.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.20%	
62) 4-Bromofluorobenzene	11.14	95	194708	52.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.26%	
Target Compounds						
16) Acetone	2.45	43	4580	2.454	ug/l #	87
24) 1,1-Dichloroethane	3.70	63	29708	5.590	ug/l	99

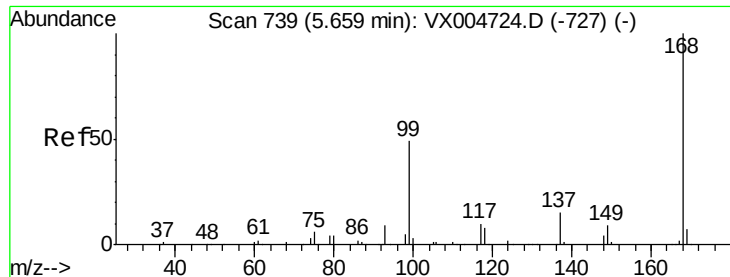
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005033.D

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MSVOA_X

ClientSampleId :

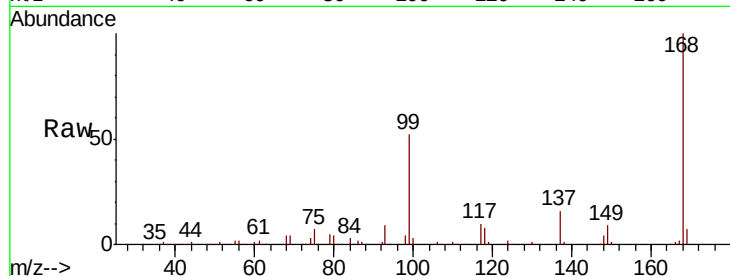
SA-DUP04-20180927

Tot Ion:168 Resp: 223801

Ion Ratio Lower Upper

168 100

99 52.3 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

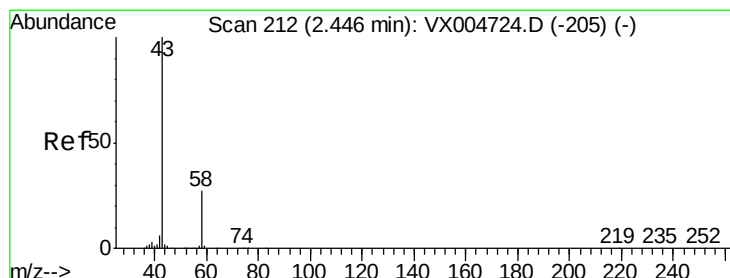
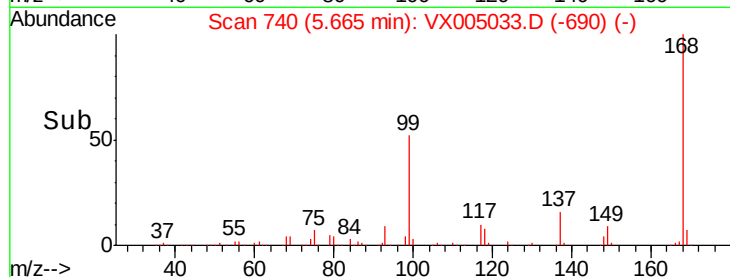
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 2.454 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX005033.D

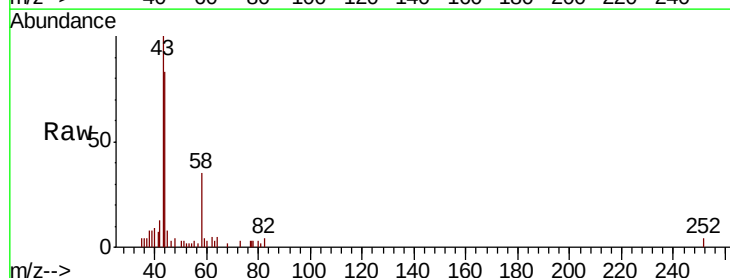
Acq: 04 Oct 2018 21:49

Tgt Ion: 43 Resp: 4580

Ion Ratio Lower Upper

43 100

58 33.8 21.8 32.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

3000

2500

2000

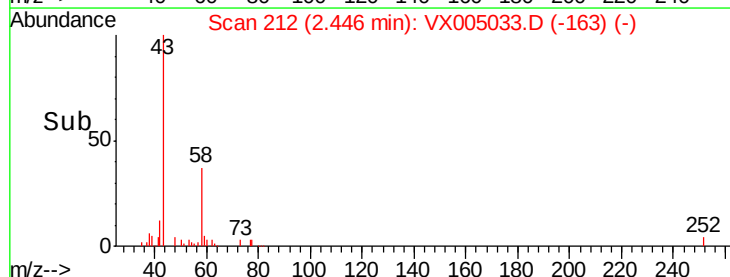
1500

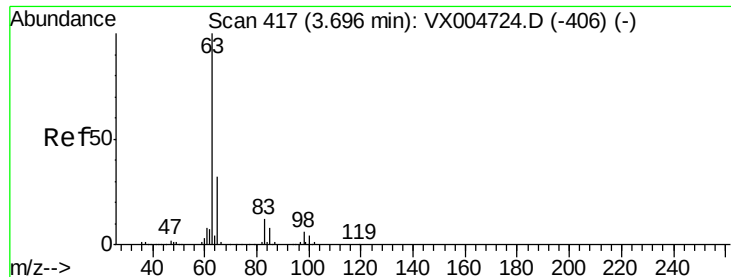
1000

500

0

Time--> 2.35 2.40 2.45 2.50





#24

1,1-Dichloroethane

Concen: 5.590 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX005033.D

Acq: 04 Oct 2018 21:49

Instrument :

MSVOA_X

ClientSampleId :

SA-DUP04-20180927

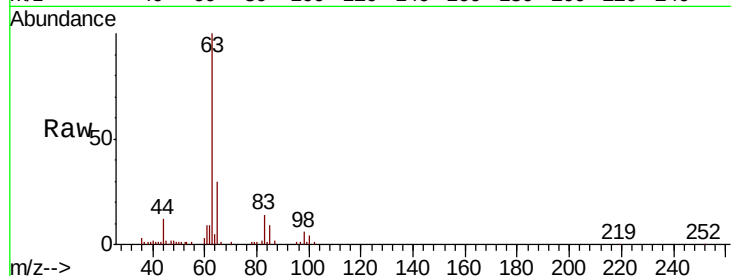
Tot Ion: 63 Resp: 29708

Ion Ratio Lower Upper

63 100

98 6.4 3.0 9.2

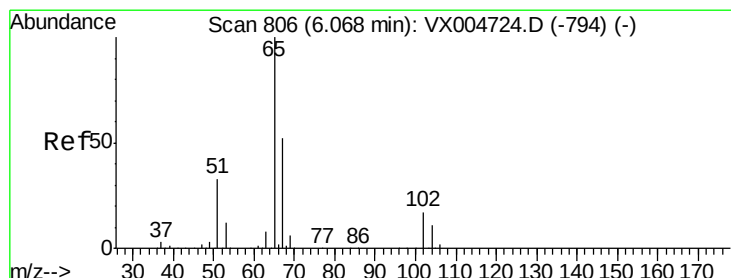
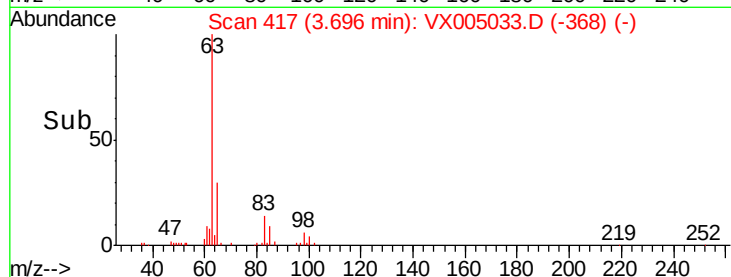
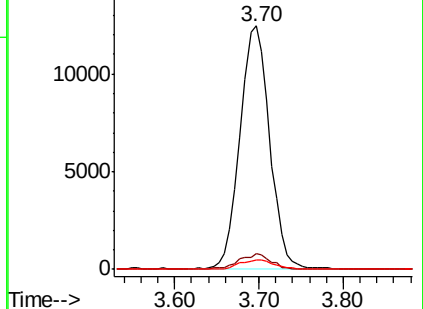
100 3.7 2.0 5.8



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: 52.387 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX005033.D

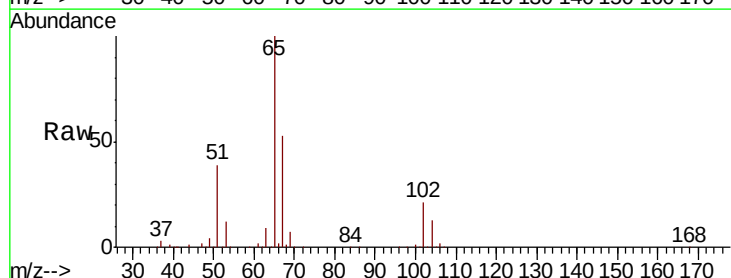
Acq: 04 Oct 2018 21:49

Tgt Ion: 65 Resp: 167482

Ion Ratio Lower Upper

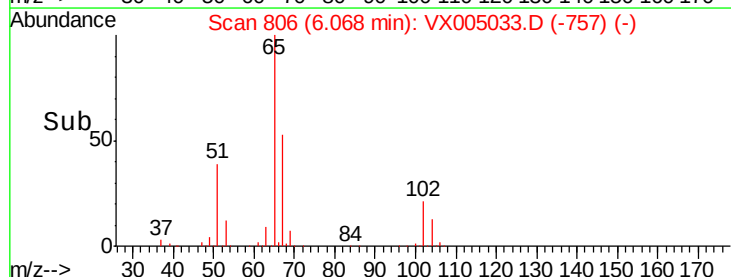
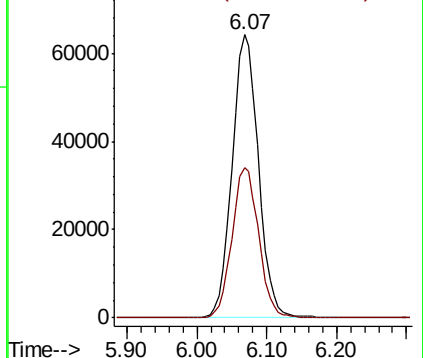
65 100

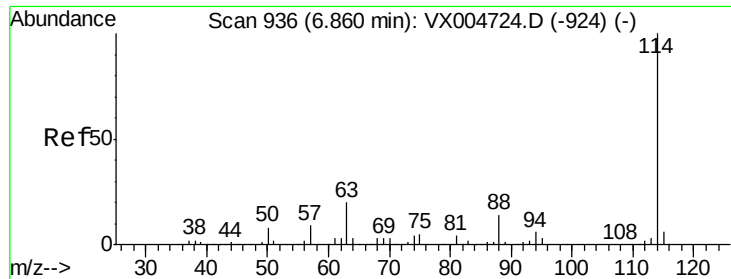
67 53.8 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

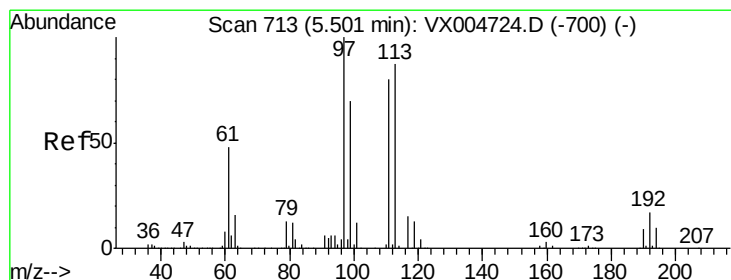
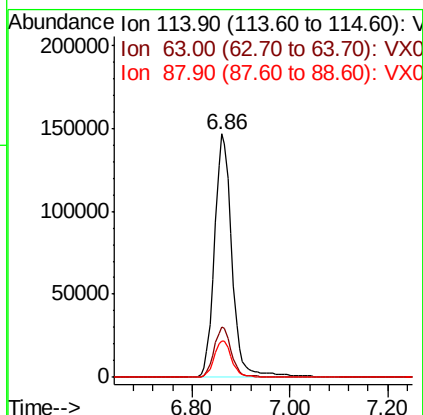
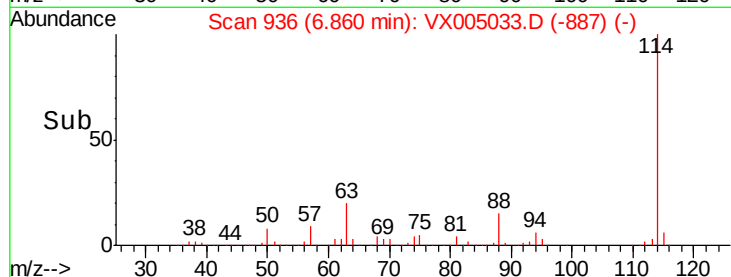
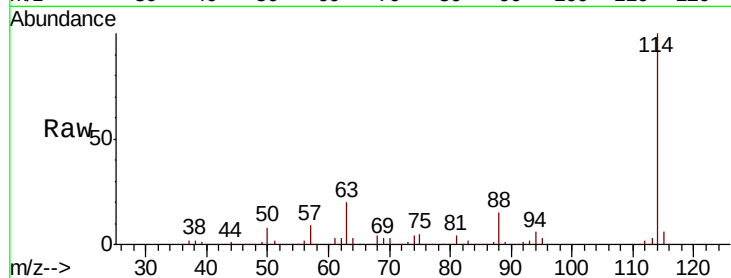




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX005033.D
 Acq: 04 Oct 2018 21:49

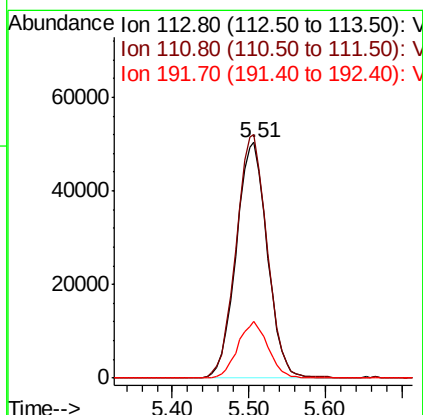
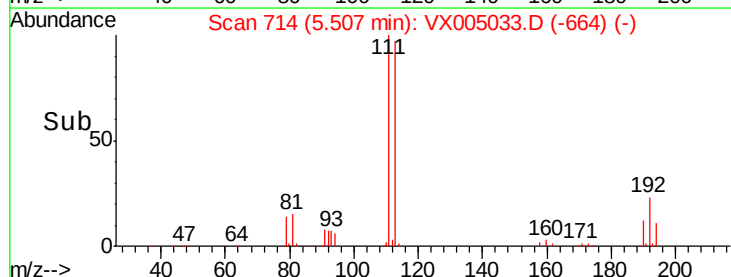
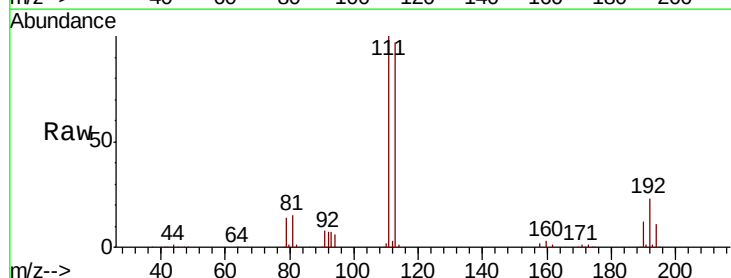
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-DUP04-20180927

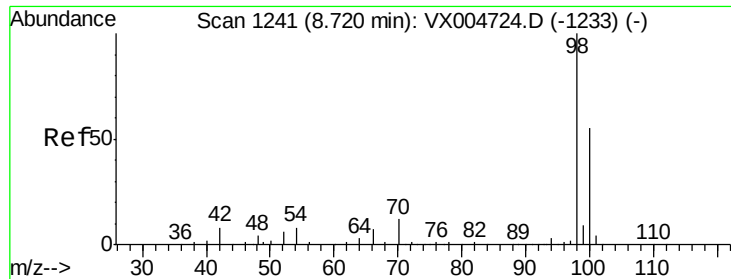
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	39.8
88	15.0	0.0	27.0



#35
 Dibromofluoromethane
 Concen: 46.022 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX005033.D
 Acq: 04 Oct 2018 21:49

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.6	77.0	115.4
192	23.3	17.0	25.6

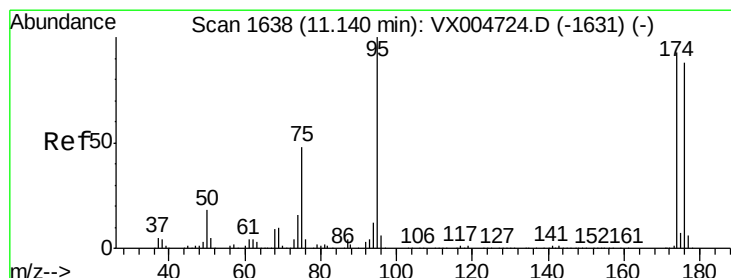
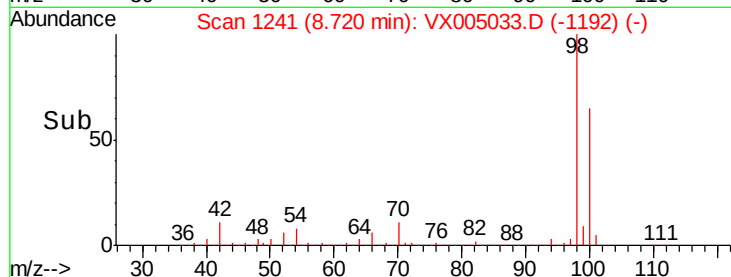
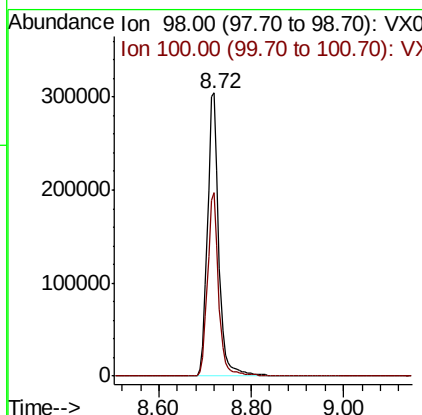
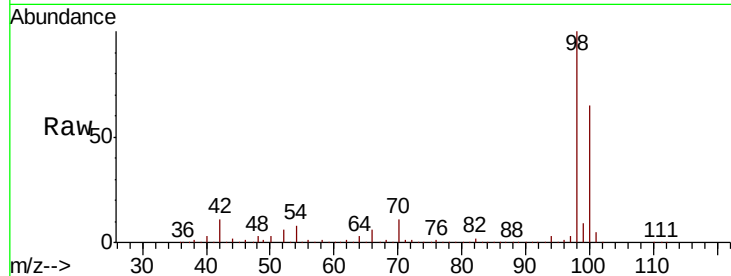




#50
Toluene-d8
Concen: 51.103 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VX005033.D
Acq: 04 Oct 2018 21:49

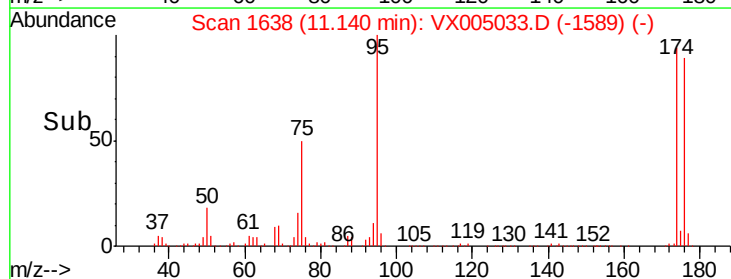
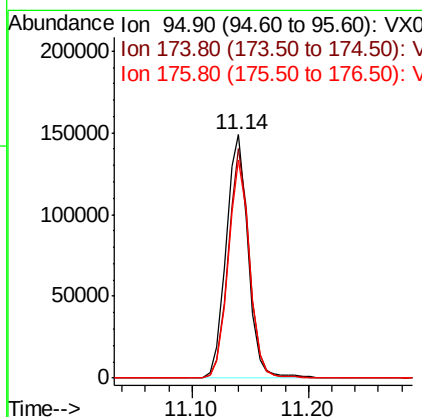
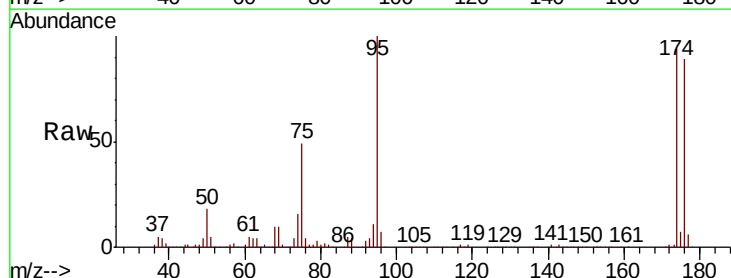
Instrument :
MSVOA_X
ClientSampleId :
SA-DUP04-20180927

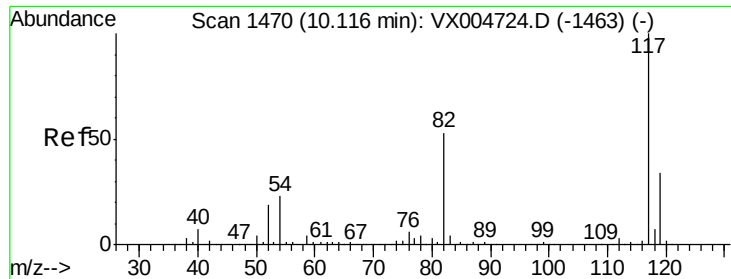
Tot Ion: 98 Resp: 524760
Ion Ratio Lower Upper
98 100
100 63.6 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 52.633 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX005033.D
Acq: 04 Oct 2018 21:49

Tgt Ion: 95 Resp: 194708
Ion Ratio Lower Upper
95 100
174 90.7 0.0 185.0
176 87.7 0.0 180.2

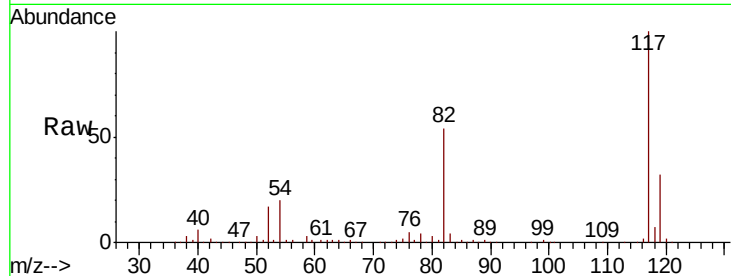




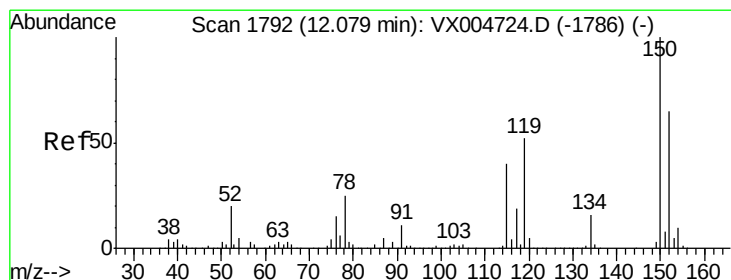
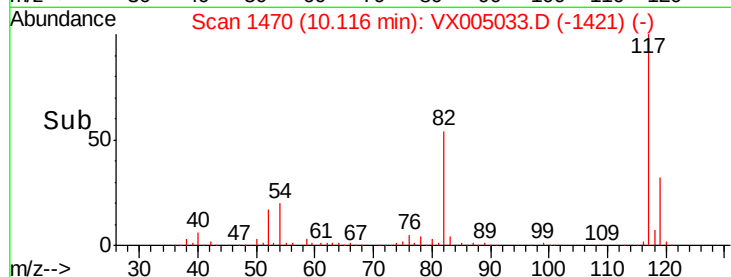
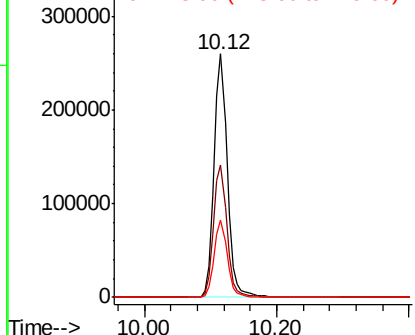
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005033.D
Acq: 04 Oct 2018 21:49

Instrument :
MSVOA_X
ClientSampleId :
SA-DUP04-20180927

Tot Ion:117 Resp: 356476
Ion Ratio Lower Upper
117 100
82 54.1 42.2 63.4
119 31.7 27.4 41.0

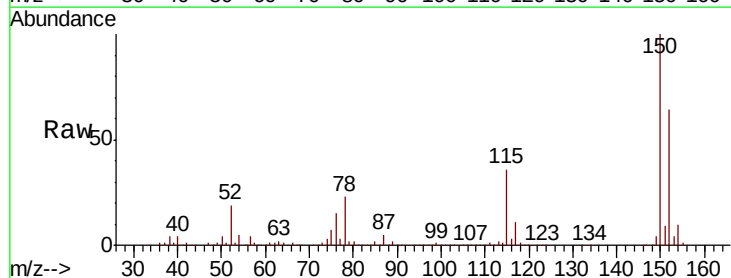


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX005033.D
Acq: 04 Oct 2018 21:49

Tgt Ion:152 Resp: 201516
Ion Ratio Lower Upper
152 100
115 56.4 40.2 120.6
150 156.2 0.0 351.0



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

