

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100518\
 Data File : VX005085.D
 Acq On : 05 Oct 2018 23:45
 Operator : JC/MD
 Sample : PB113539TB
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB113539TB

Quant Time: Oct 06 00:50:28 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

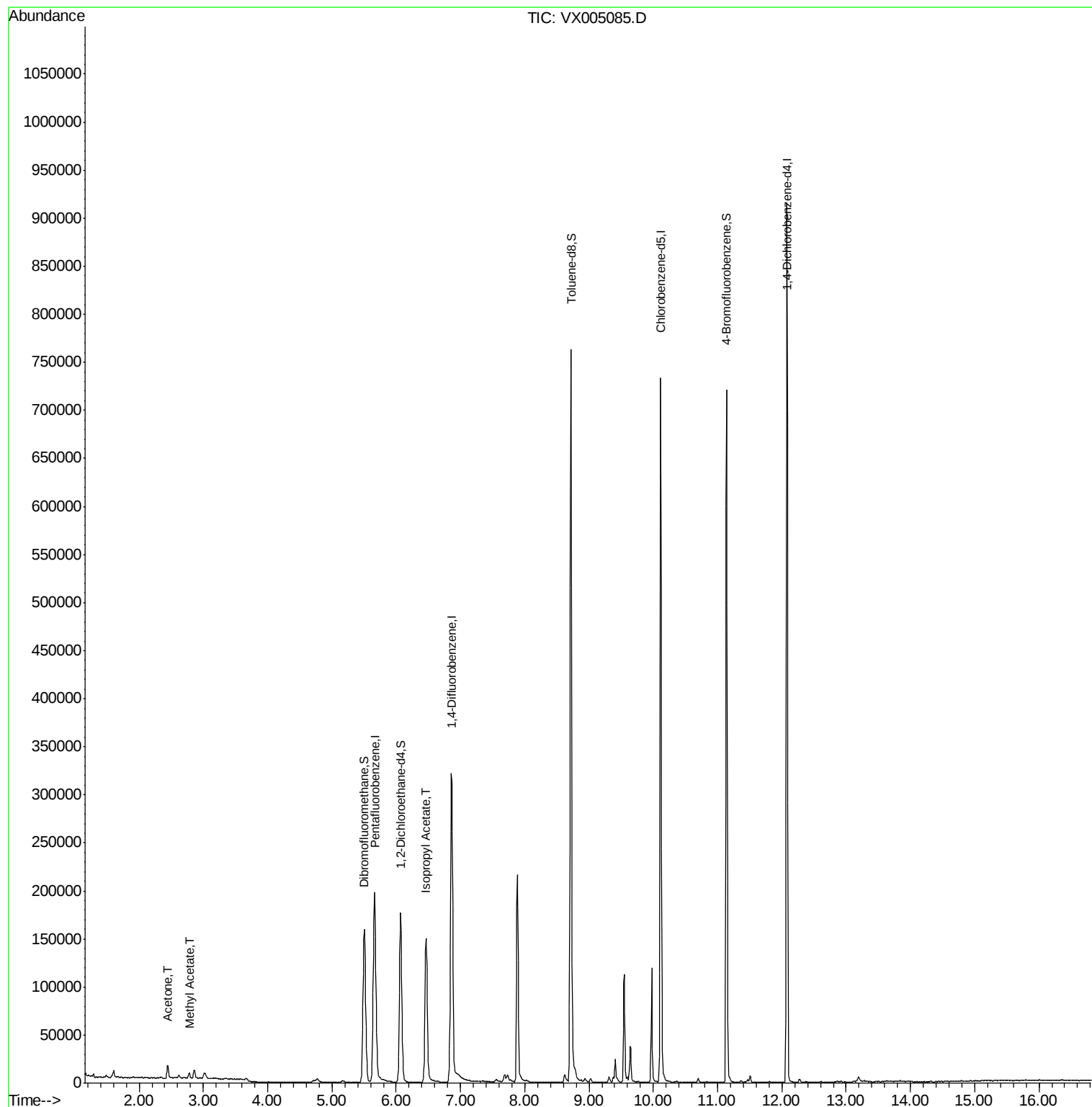
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	208799	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	340773	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	342355	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	191324	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	168410	56.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.92%	
35) Dibromofluoromethane	5.49	113	140425	48.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.24%	
50) Toluene-d8	8.72	98	494293	51.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.96%	
62) 4-Bromofluorobenzene	11.14	95	183275	52.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.98%	
Target Compounds						
16) Acetone	2.44	43	15014	8.622	ug/l	97
18) Methyl Acetate	2.78	43	7281	1.650	ug/l	99
43) Isopropyl Acetate	6.46	43	211352	27.996	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. 0.01 min

Lab File: VX005085.D

Acq: 05 Oct 2018 23:45

Instrument :

MSVOA_X

ClientSampleId :

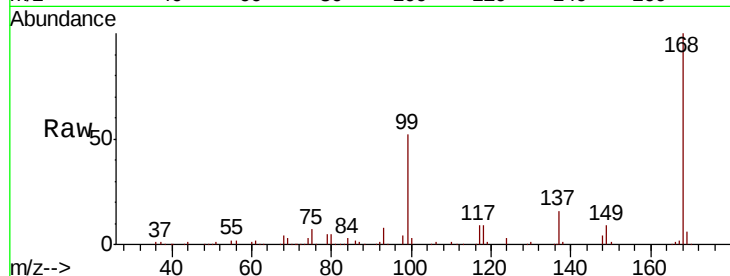
PB113539TB

Tot Ion:168 Resp: 208799

Ion Ratio Lower Upper

168 100

99 51.4 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

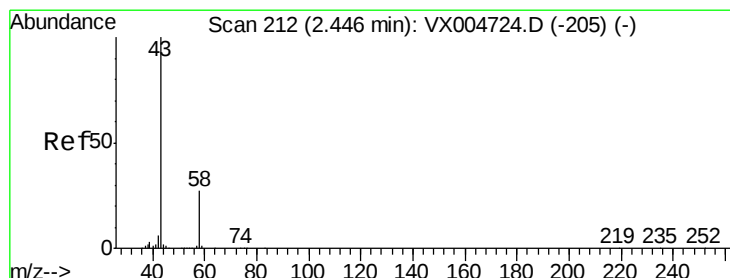
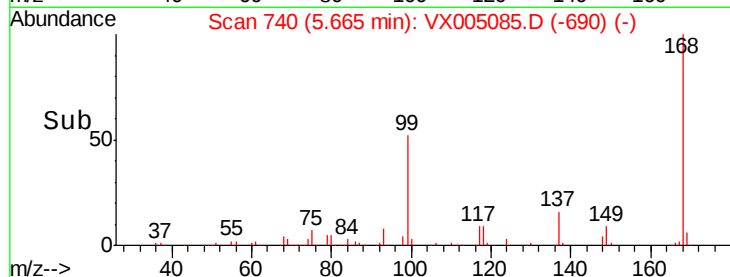
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 8.622 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX005085.D

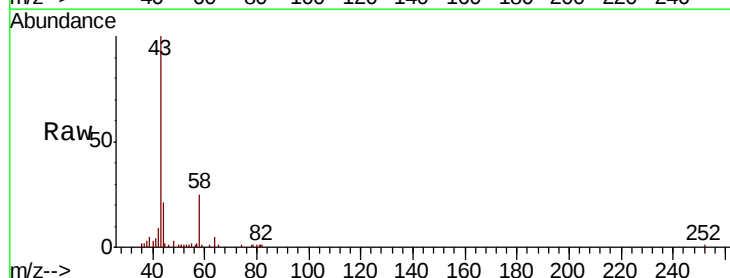
Acq: 05 Oct 2018 23:45

Tgt Ion: 43 Resp: 15014

Ion Ratio Lower Upper

43 100

58 25.6 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

10000

8000

6000

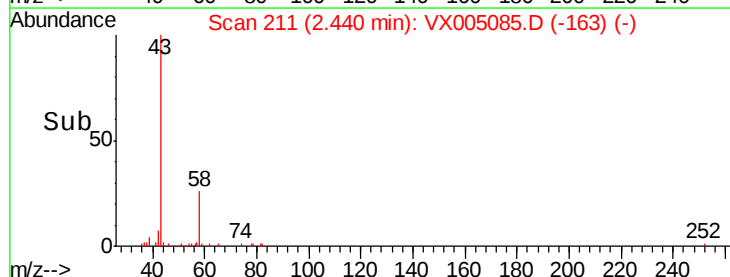
4000

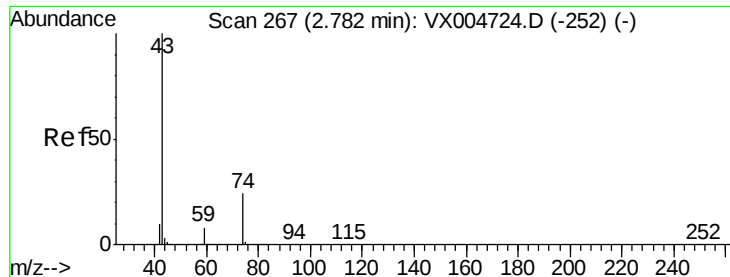
2000

0

Time-->

2.40 2.45 2.50

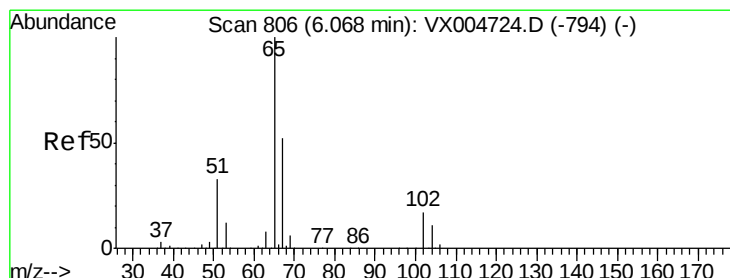
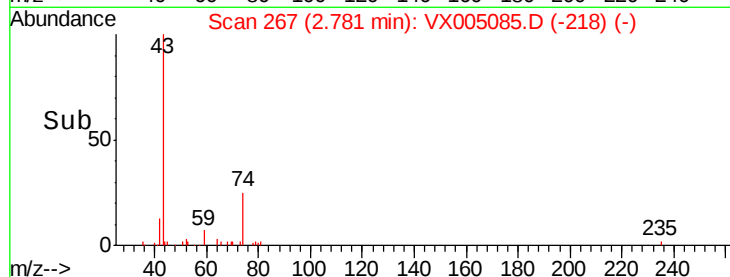
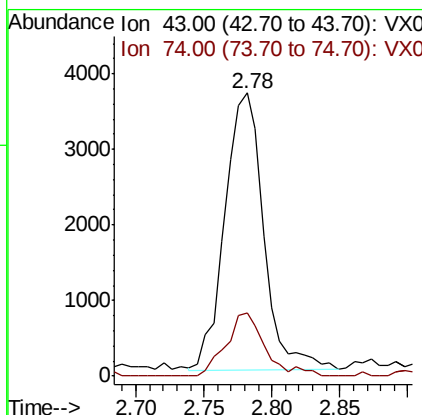
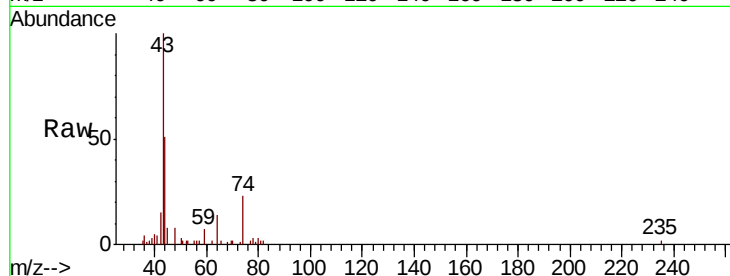




#18
Methvl Acetate
Concen: 1.650 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX005085.D
Acq: 05 Oct 2018 23:45

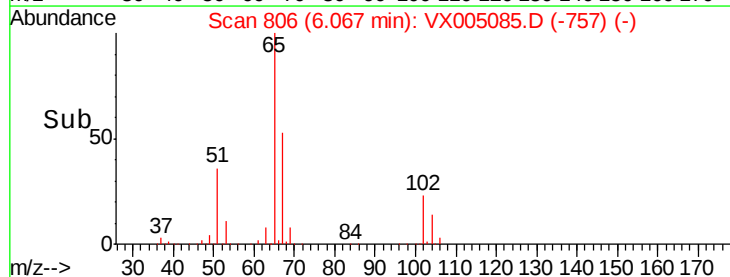
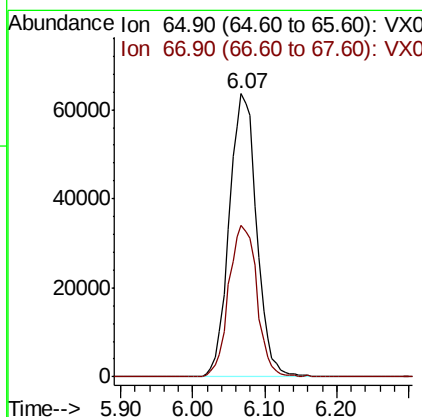
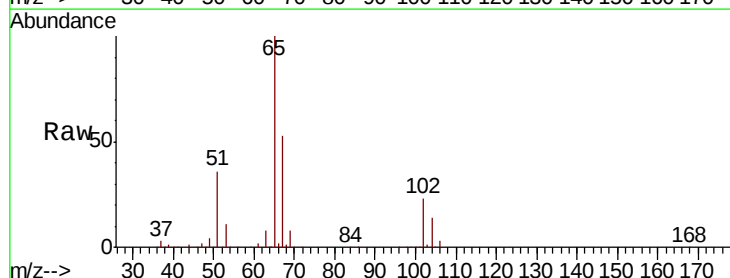
Instrument :
MSVOA_X
ClientSampleId :
PB113539TB

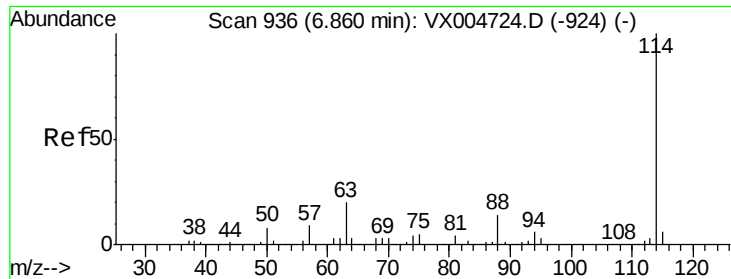
Tot Ion: 43 Resp: 7281
Ion Ratio Lower Upper
43 100
74 22.9 17.8 26.8



#33
1,2-Dichloroethane-d4
Concen: 56.462 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX005085.D
Acq: 05 Oct 2018 23:45

Tgt Ion: 65 Resp: 168410
Ion Ratio Lower Upper
65 100
67 55.0 0.0 107.4

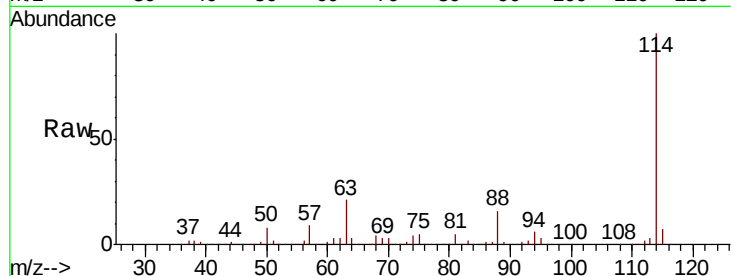




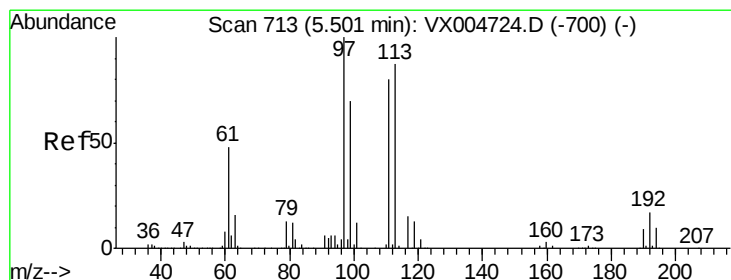
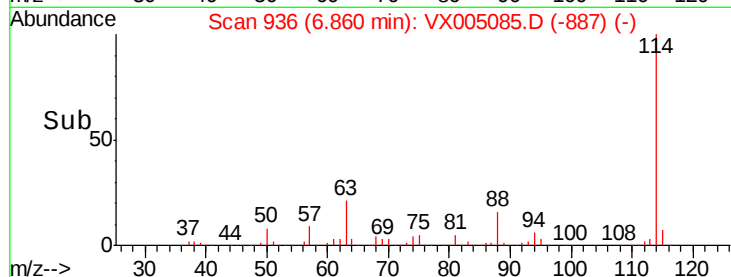
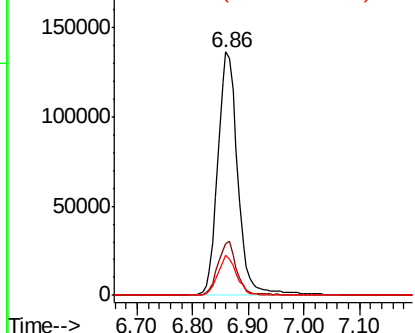
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005085.D
 Acq: 05 Oct 2018 23:45

Instrument :
 MSVOA_X
 ClientSampleId :
 PB113539TB

Tot Ion:114 Resp: 340773
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 39.8
 88 16.3 0.0 27.0

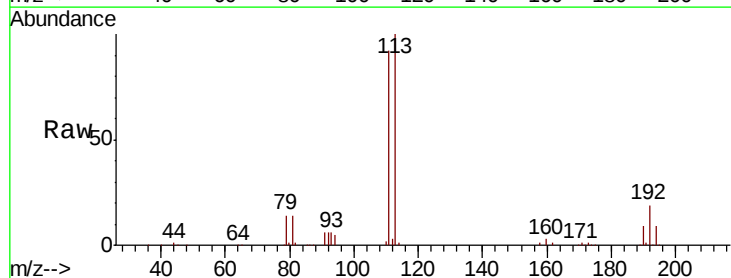


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

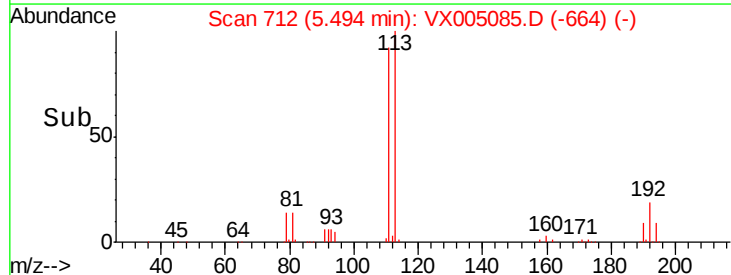
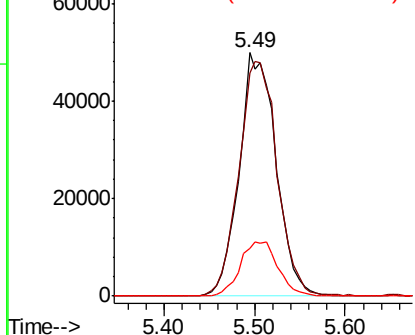


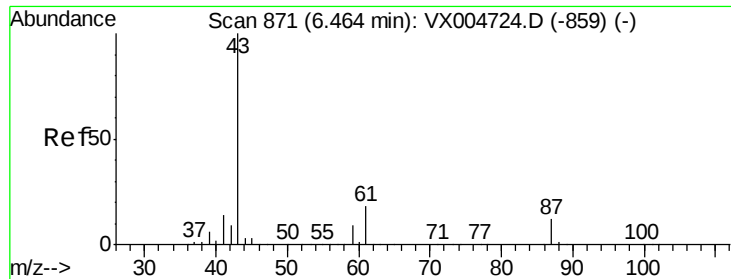
#35
 Dibromofluoromethane
 Concen: 48.622 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX005085.D
 Acq: 05 Oct 2018 23:45

Tgt Ion:113 Resp: 140425
 Ion Ratio Lower Upper
 113 100
 111 100.3 77.0 115.4
 192 22.9 17.0 25.6



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





#43

Isopropyl Acetate

Concen: 27.996 ug/l

RT: 6.46 min Scan# 871

Delta R.T. -0.00 min

Lab File: VX005085.D

Acq: 05 Oct 2018 23:45

Instrument :

MSVOA_X

ClientSampled :

PB113539TB

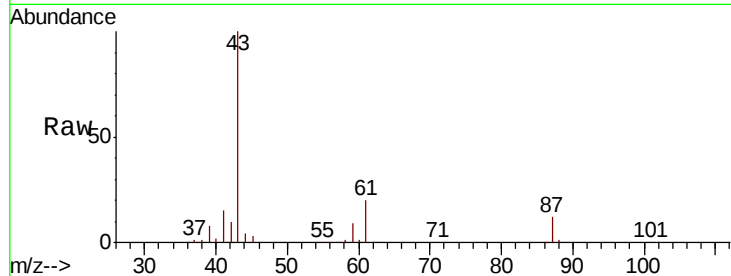
Tot Ion: 43 Resp: 211352

Ion Ratio Lower Upper

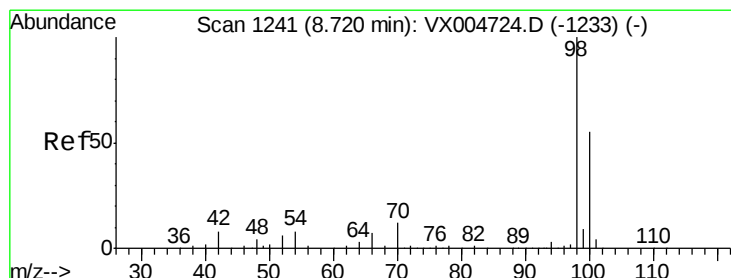
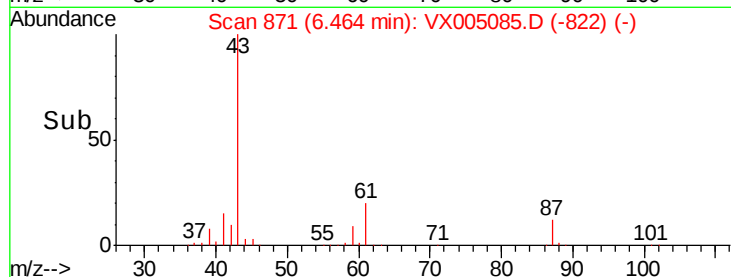
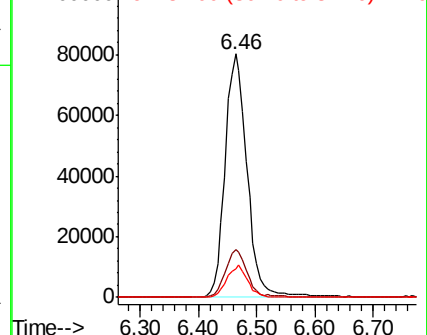
43 100

61 19.2 14.2 21.4

87 12.4 9.3 13.9



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0



#50

Toluene-d8

Concen: 51.481 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VX005085.D

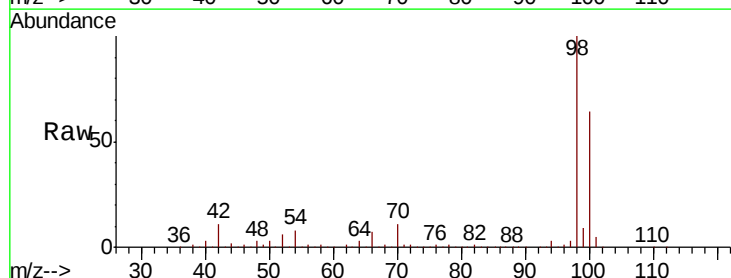
Acq: 05 Oct 2018 23:45

Tgt Ion: 98 Resp: 494293

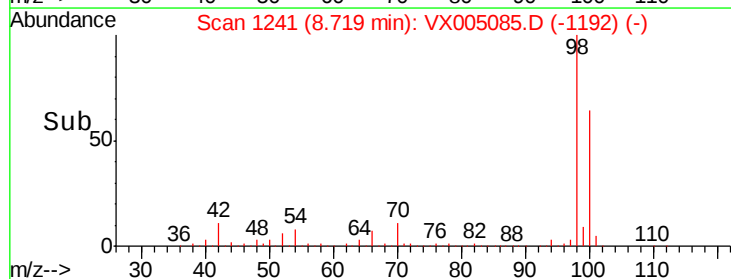
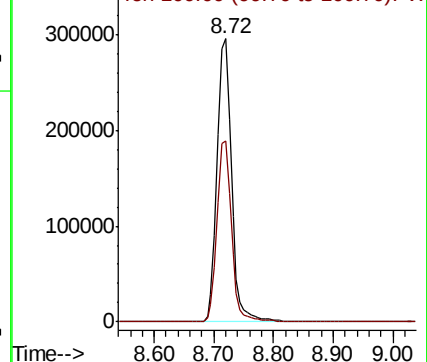
Ion Ratio Lower Upper

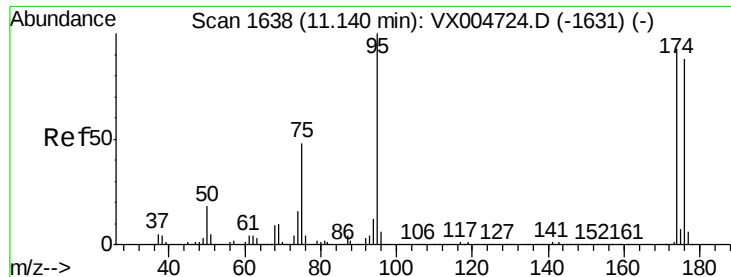
98 100

100 63.6 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V

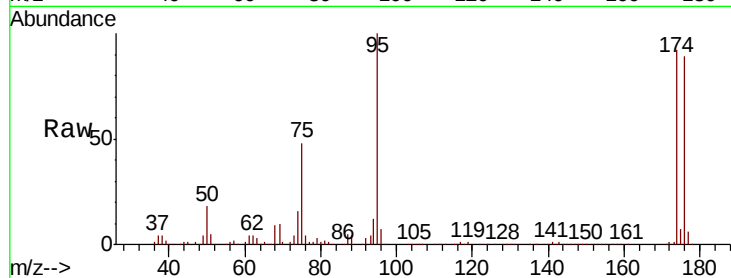




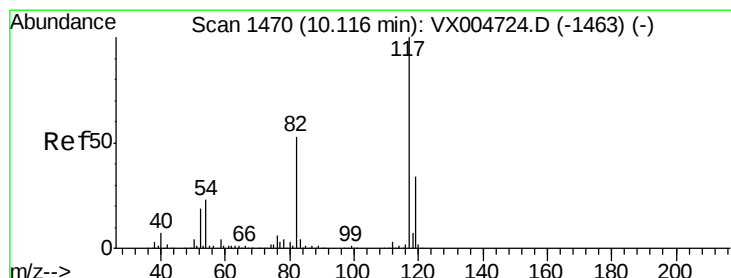
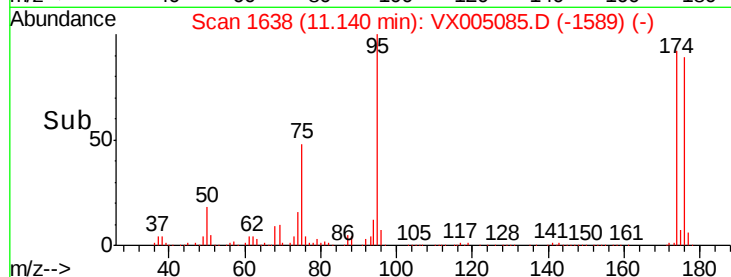
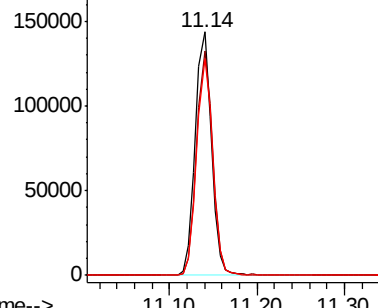
#62
4-Bromofluorobenzene
Concen: 52.985 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005085.D
Acq: 05 Oct 2018 23:45

Instrument :
MSVOA_X
ClientSampleId :
PB113539TB

Tot Ion: 95 Resp: 183275
Ion Ratio Lower Upper
95 100
174 91.7 0.0 185.0
176 88.5 0.0 180.2

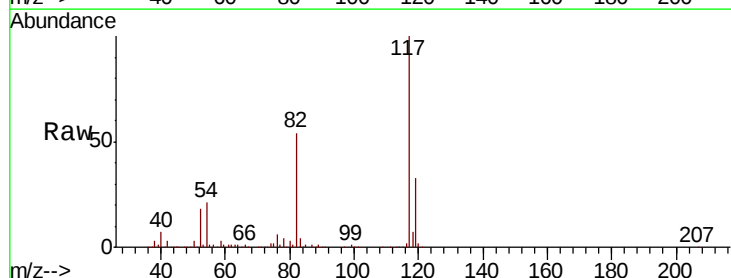


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

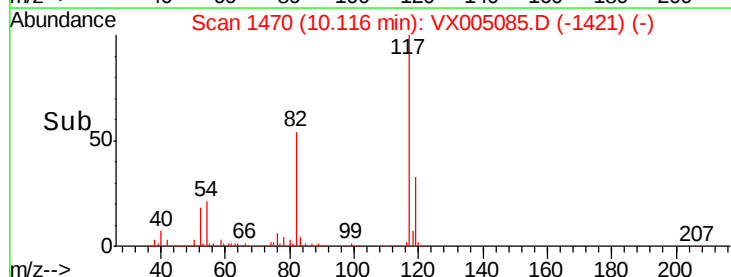
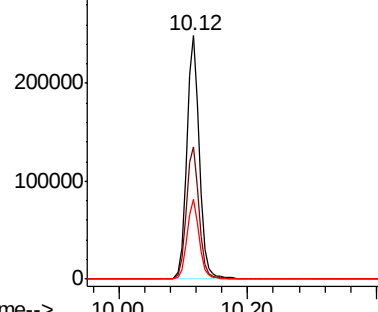


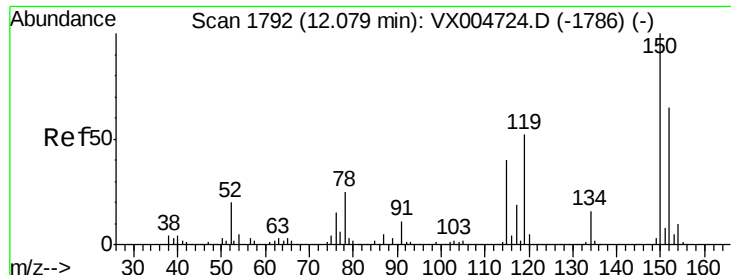
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005085.D
Acq: 05 Oct 2018 23:45

Tgt Ion: 117 Resp: 342355
Ion Ratio Lower Upper
117 100
82 54.3 42.2 63.4
119 33.0 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

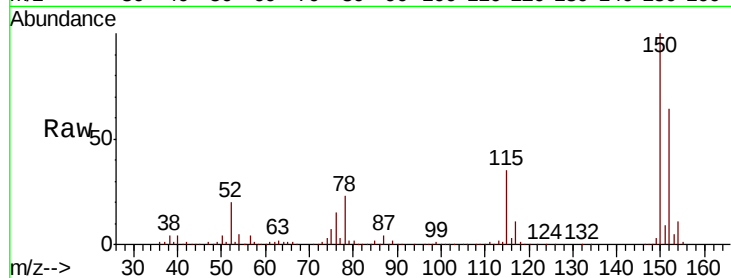




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX005085.D
 Acq: 05 Oct 2018 23:45

Instrument :
 MSVOA_X
 ClientSampleId :
 PB113539TB

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.5	40.2	120.6
150	156.5	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

