

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091718\
 Data File : VX004633.D
 Acq On : 17 Sep 2018 21:45
 Operator : JC/MD
 Sample : PB112894ZHE#08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB112894ZHE#08

Quant Time: Sep 18 01:46:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

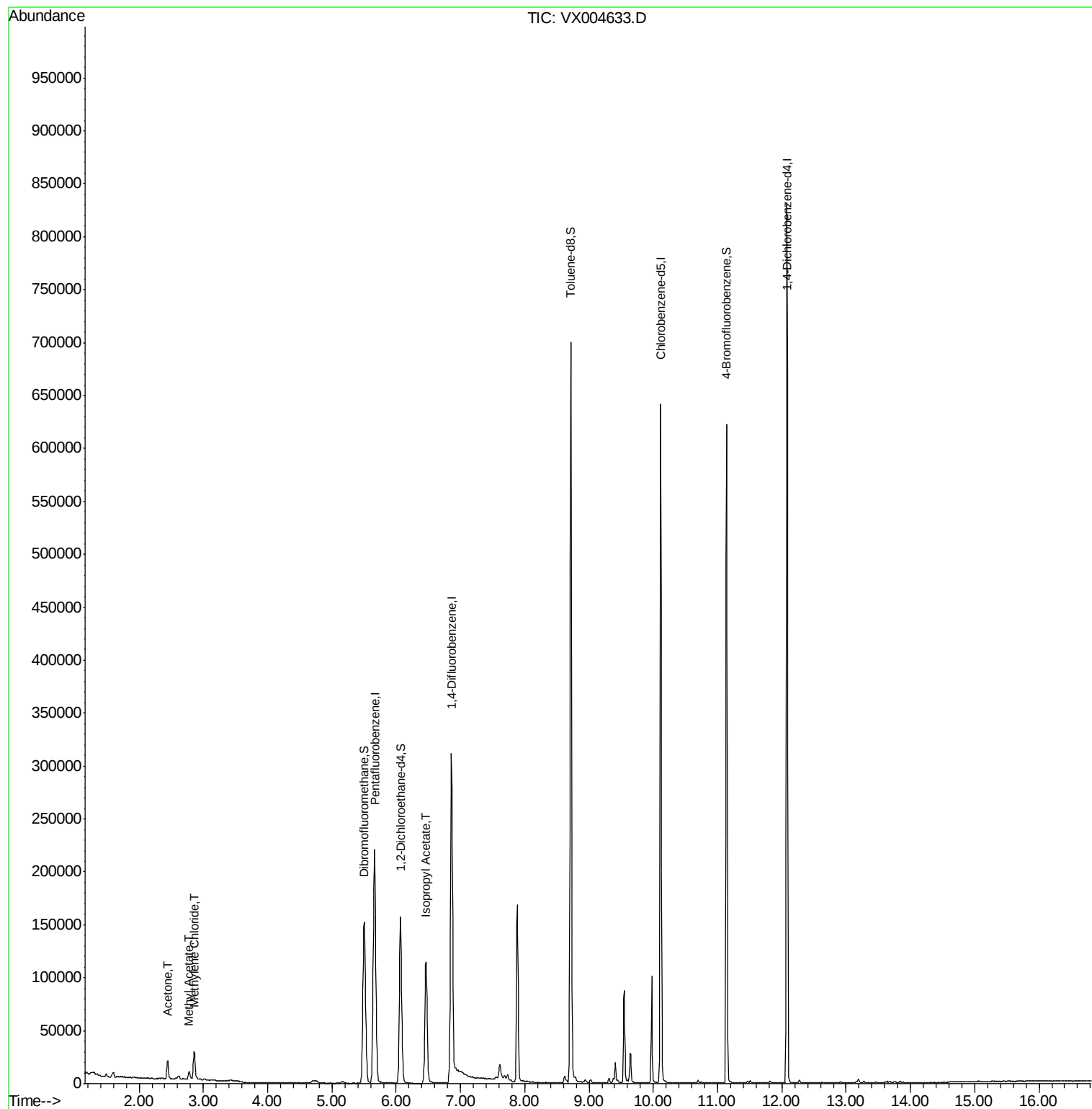
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	227984	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	314291	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	302167	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	178241	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	141442	48.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.24%	
35) Dibromofluoromethane	5.49	113	133275	46.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.68%	
50) Toluene-d8	8.71	98	441342	45.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.52%	
62) 4-Bromofluorobenzene	11.14	95	151066	43.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.76%	
Target Compounds						
16) Acetone	2.44	43	18785	13.09	ug/l	96
18) Methyl Acetate	2.78	43	9869	2.45	ug/l	99
20) Methylene Chloride	2.86	84	12527	4.26	ug/l	92
43) Isopropyl Acetate	6.46	43	147247	25.55	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX004633.D

Acq: 17 Sep 2018 21:45

Instrument :

MSVOA_X

ClientSampleId :

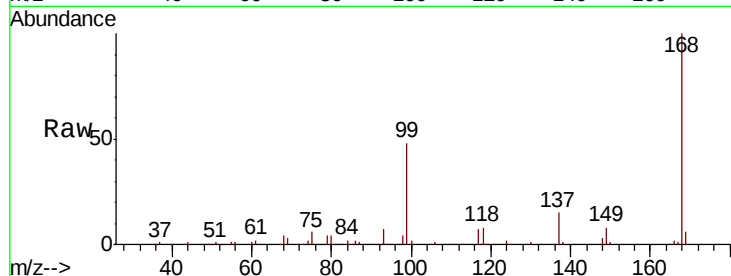
PB112894ZHE#08

Tot Ion:168 Resp: 227984

Ion Ratio Lower Upper

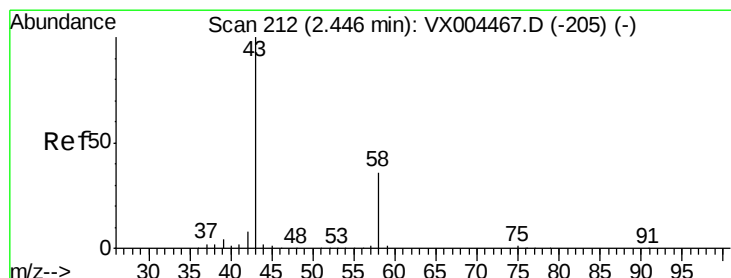
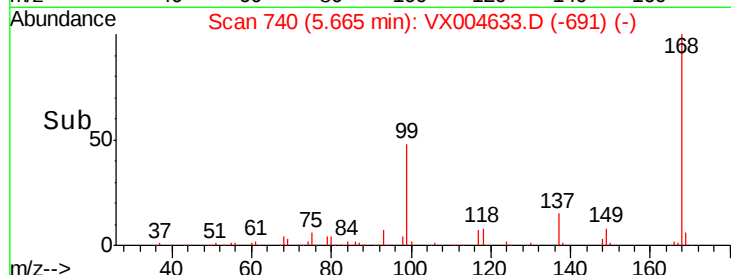
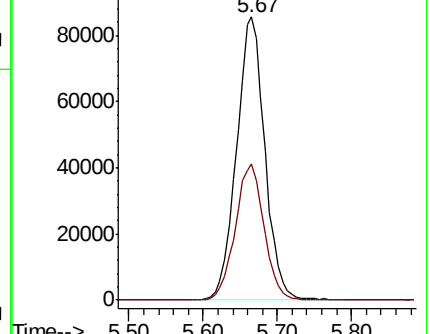
168 100

99 47.9 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 13.09 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX004633.D

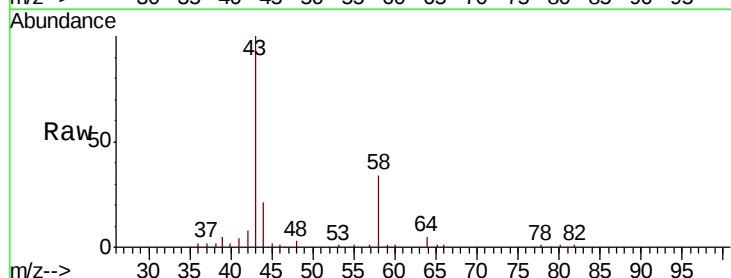
Acq: 17 Sep 2018 21:45

Tgt Ion: 43 Resp: 18785

Ion Ratio Lower Upper

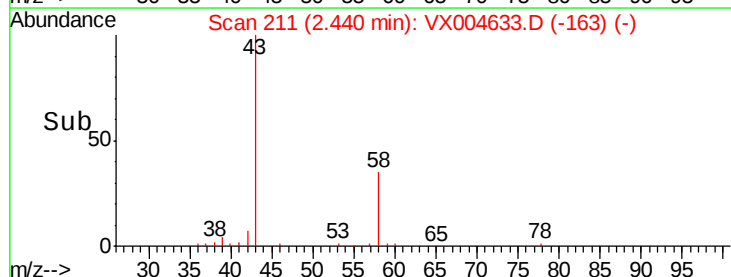
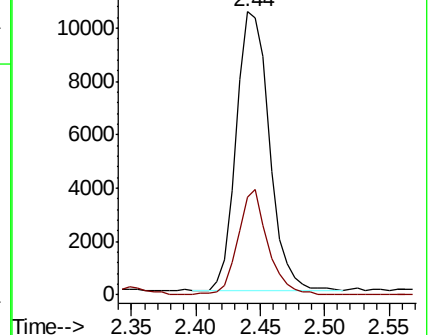
43 100

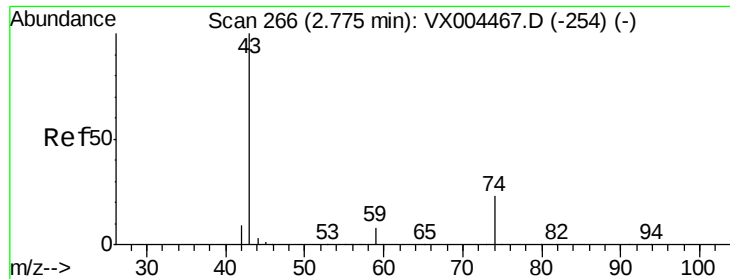
58 35.0 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

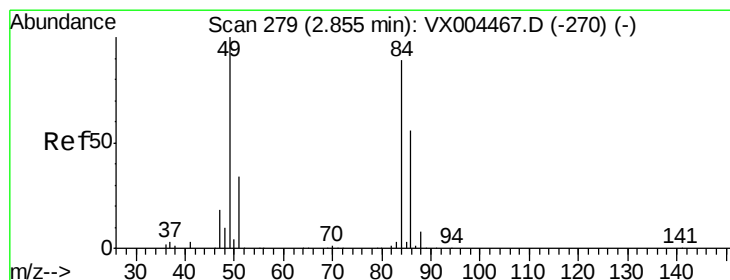
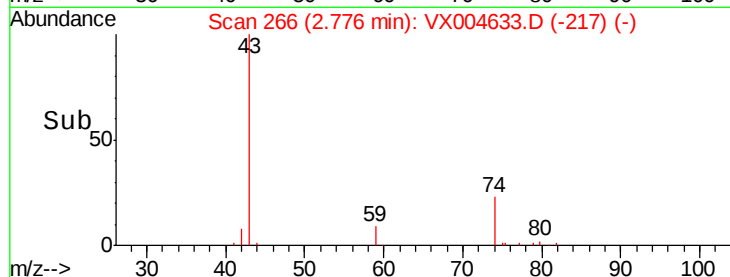
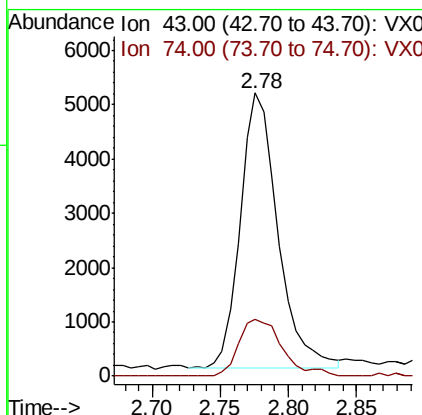
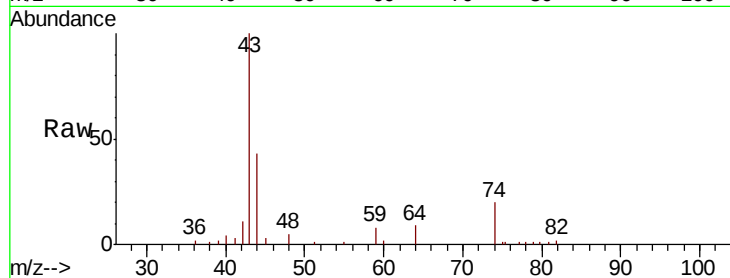




#18
Methvl Acetate
Concen: 2.45 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX004633.D
Acq: 17 Sep 2018 21:45

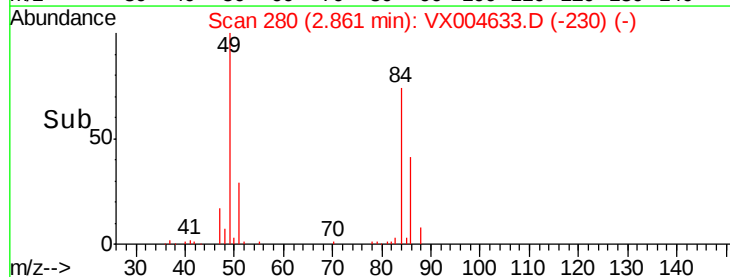
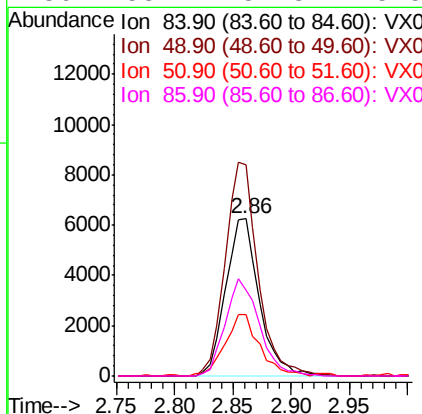
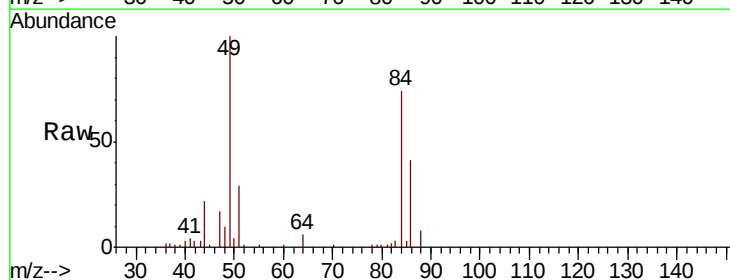
Instrument :
MSVOA_X
ClientSampleId :
PB112894ZHE#08

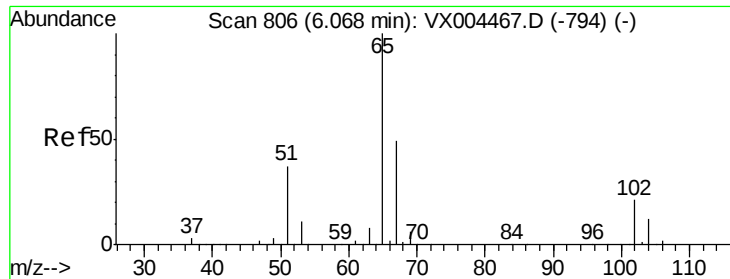
Tot Ion: 43 Resp: 9869
Ion Ratio Lower Upper
43 100
74 23.8 19.4 29.2



#20
Methylene Chloride
Concen: 4.26 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX004633.D
Acq: 17 Sep 2018 21:45

Tgt Ion: 84 Resp: 12527
Ion Ratio Lower Upper
84 100
49 134.3 101.2 151.8
51 39.1 29.5 44.3
86 55.1 52.3 78.5





#33

1,2-Dichloroethane-d4

Concen: 48.12 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX004633.D

Acq: 17 Sep 2018 21:45

Instrument :

MSVOA_X

ClientSampleId :

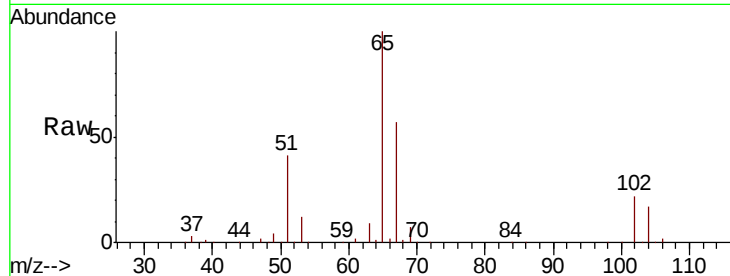
PB112894ZHE#08

Tot Ion: 65 Resp: 141442

Ion Ratio Lower Upper

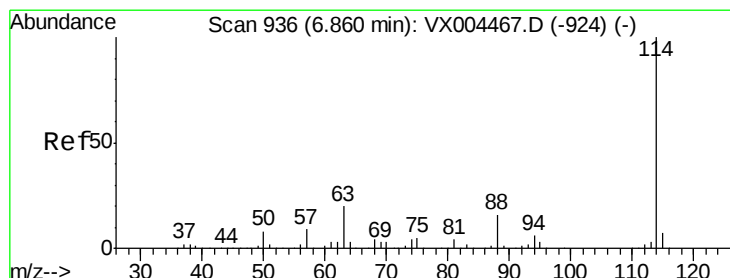
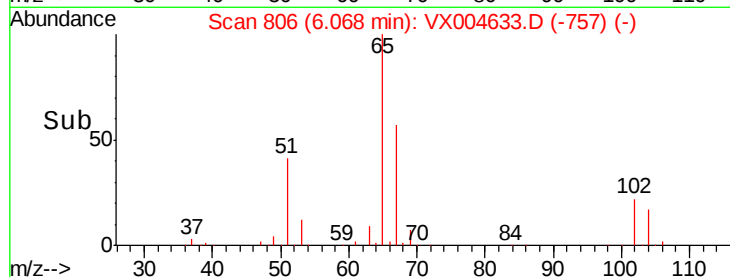
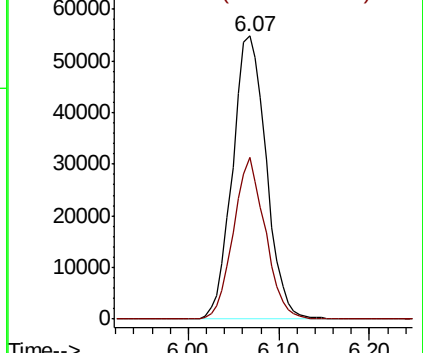
65 100

67 54.1 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX004633.D

Acq: 17 Sep 2018 21:45

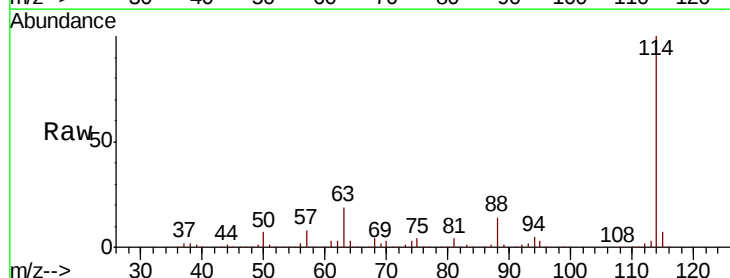
Tgt Ion: 114 Resp: 314291

Ion Ratio Lower Upper

114 100

63 18.7 0.0 39.0

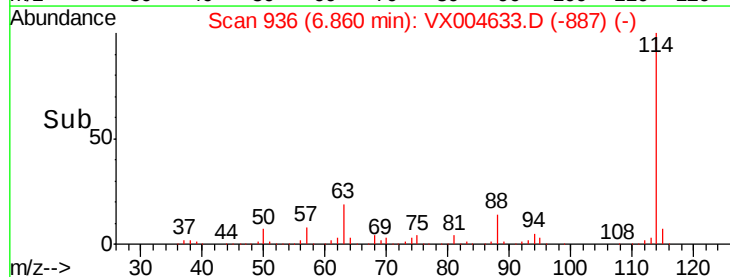
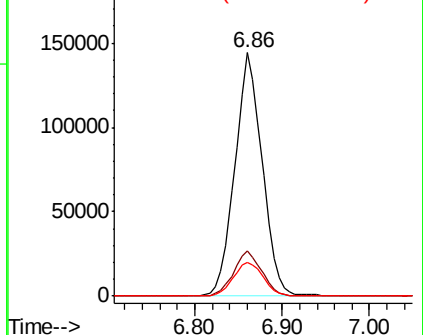
88 13.7 0.0 30.4

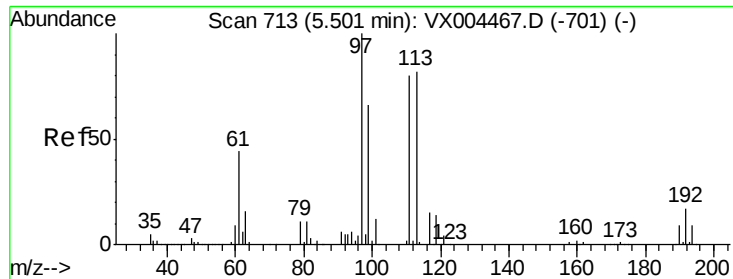


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

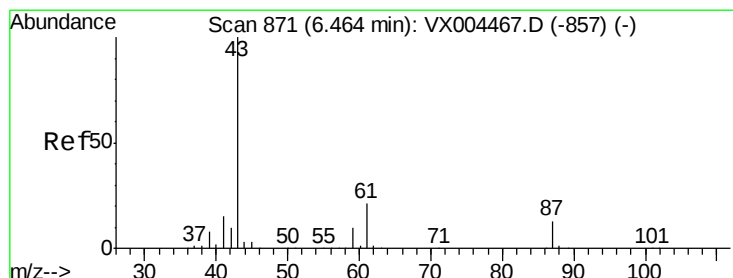
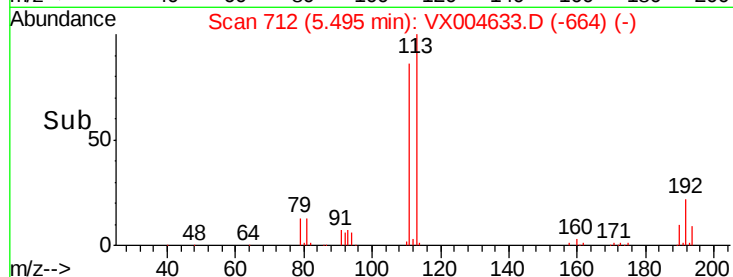
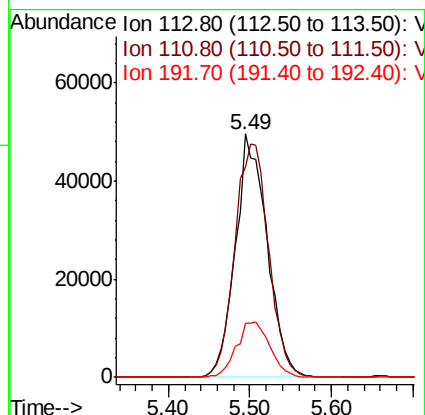
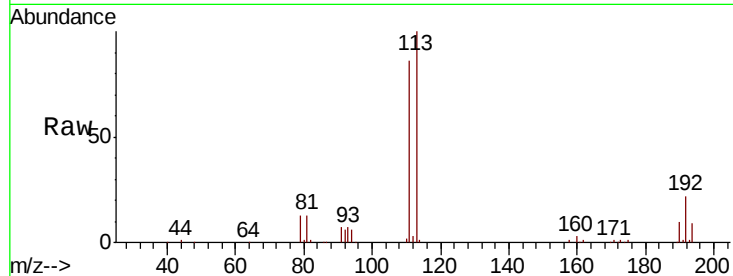




#35
 Dibromofluoromethane
 Concen: 46.34 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX004633.D
 Acq: 17 Sep 2018 21:45

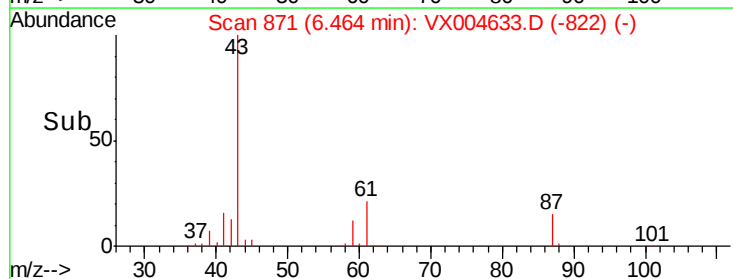
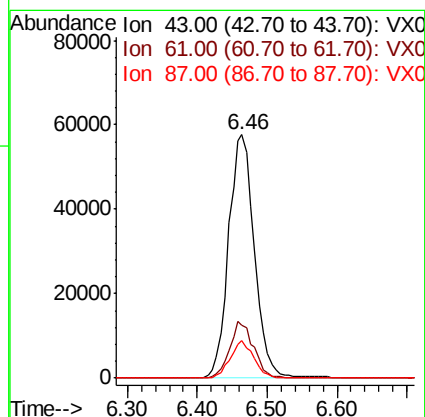
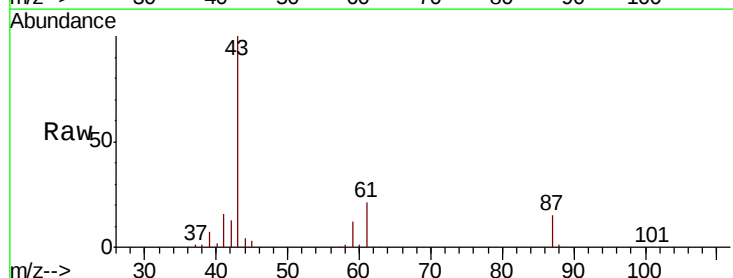
Instrument :
 MSVOA_X
 ClientSampleId :
 PB112894ZHE#08

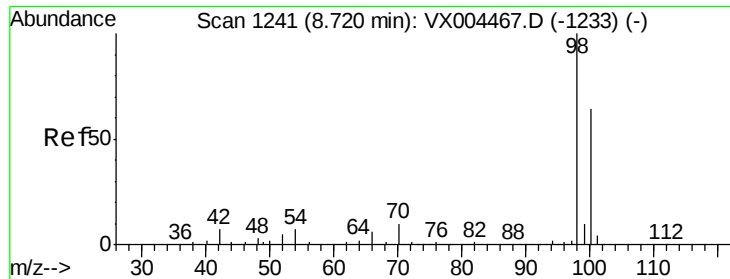
Tot Ion:113 Resp: 133275
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.4 123.6
 192 24.1 19.4 29.2



#43
 Isopropyl Acetate
 Concen: 25.55 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. 0.00 min
 Lab File: VX004633.D
 Acq: 17 Sep 2018 21:45

Tgt Ion: 43 Resp: 147247
 Ion Ratio Lower Upper
 43 100
 61 21.5 17.0 25.4
 87 14.0 11.4 17.2





#50

Toluene-d8

Concen: 45.76 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VX004633.D

Acq: 17 Sep 2018 21:45

Instrument :

MSVOA_X

ClientSampleId :

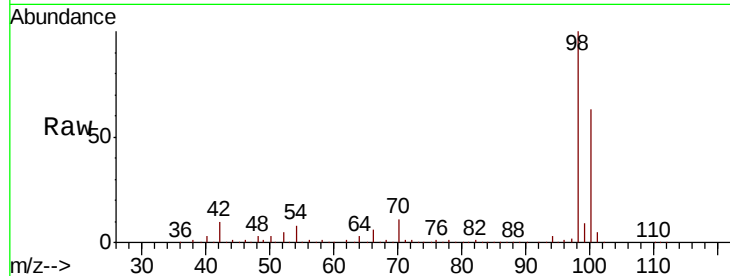
PB112894ZHE#08

Tot Ion: 98 Resp: 441342

Ion Ratio Lower Upper

98 100

100 63.9 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

300000

250000

200000

150000

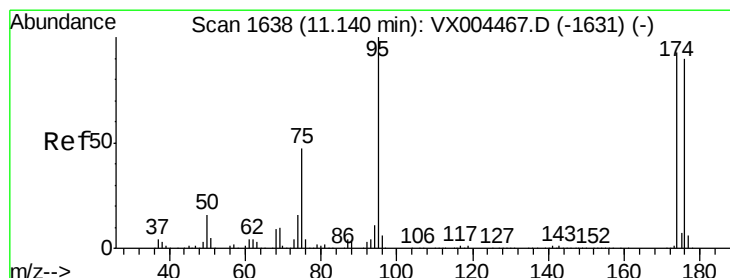
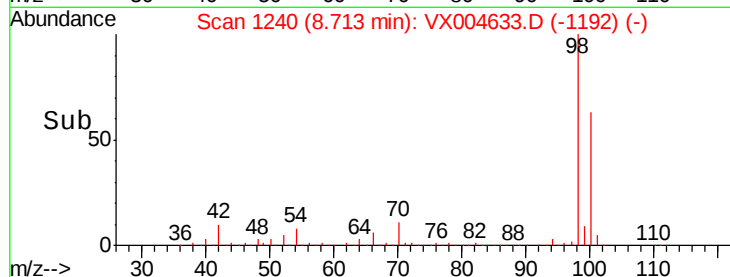
100000

50000

0

8.60 8.70 8.80 8.90

Time-->



#62

4-Bromofluorobenzene

Concen: 43.88 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX004633.D

Acq: 17 Sep 2018 21:45

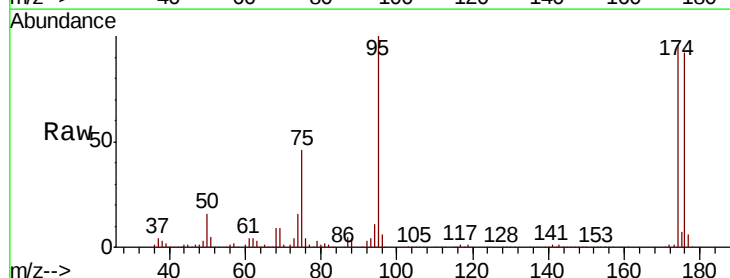
Tgt Ion: 95 Resp: 151066

Ion Ratio Lower Upper

95 100

174 96.3 0.0 185.2

176 92.1 0.0 178.6



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

150000

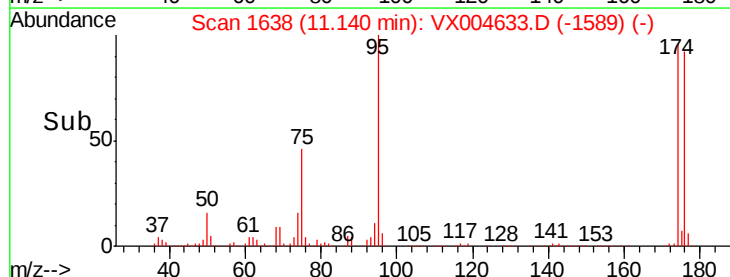
100000

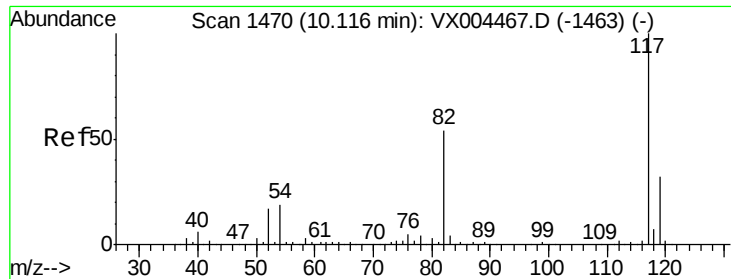
50000

0

11.05 11.10 11.15 11.20

Time-->

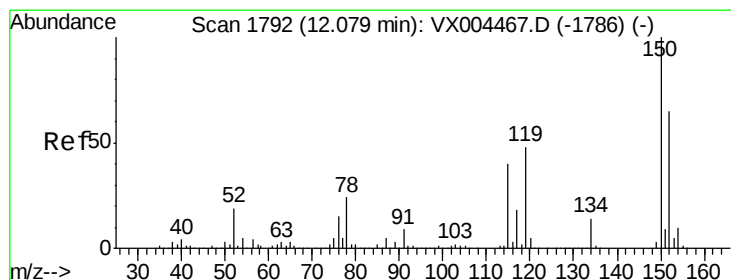
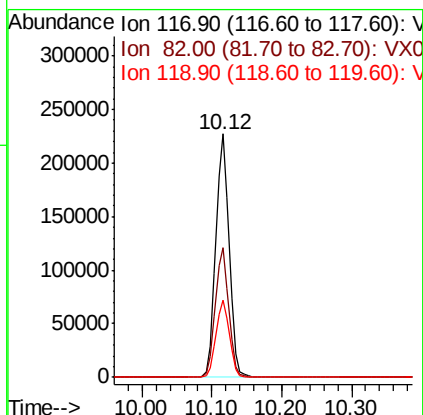
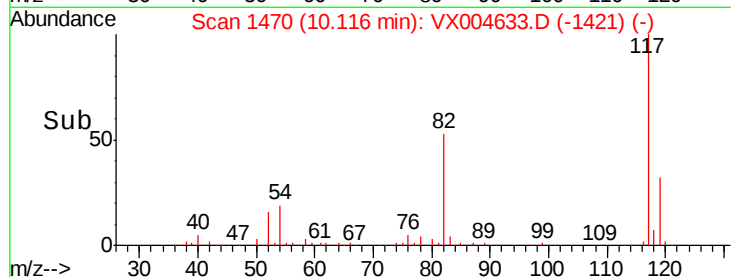
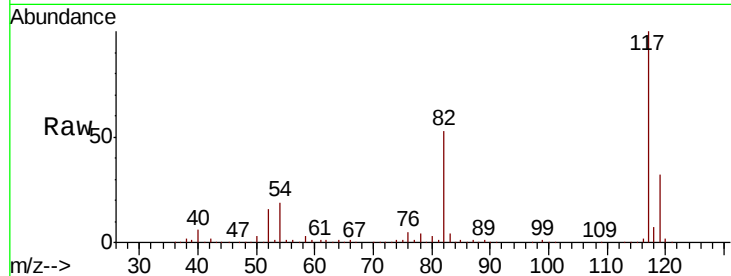




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004633.D
Acq: 17 Sep 2018 21:45

Instrument :
MSVOA_X
ClientSampleId :
PB112894ZHE#08

Tot Ion:117 Resp: 302167
Ion Ratio Lower Upper
117 100
82 53.5 47.8 71.6
119 31.7 29.3 43.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX004633.D
Acq: 17 Sep 2018 21:45

Tgt Ion:152 Resp: 178241
Ion Ratio Lower Upper
152 100
115 54.4 39.0 117.0
150 160.2 0.0 351.0

