

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091718\
 Data File : VX004631.D
 Acq On : 17 Sep 2018 20:52
 Operator : JC/MD
 Sample : PB112894ZHE#06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB112894ZHE#06

Quant Time: Sep 18 01:34:59 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

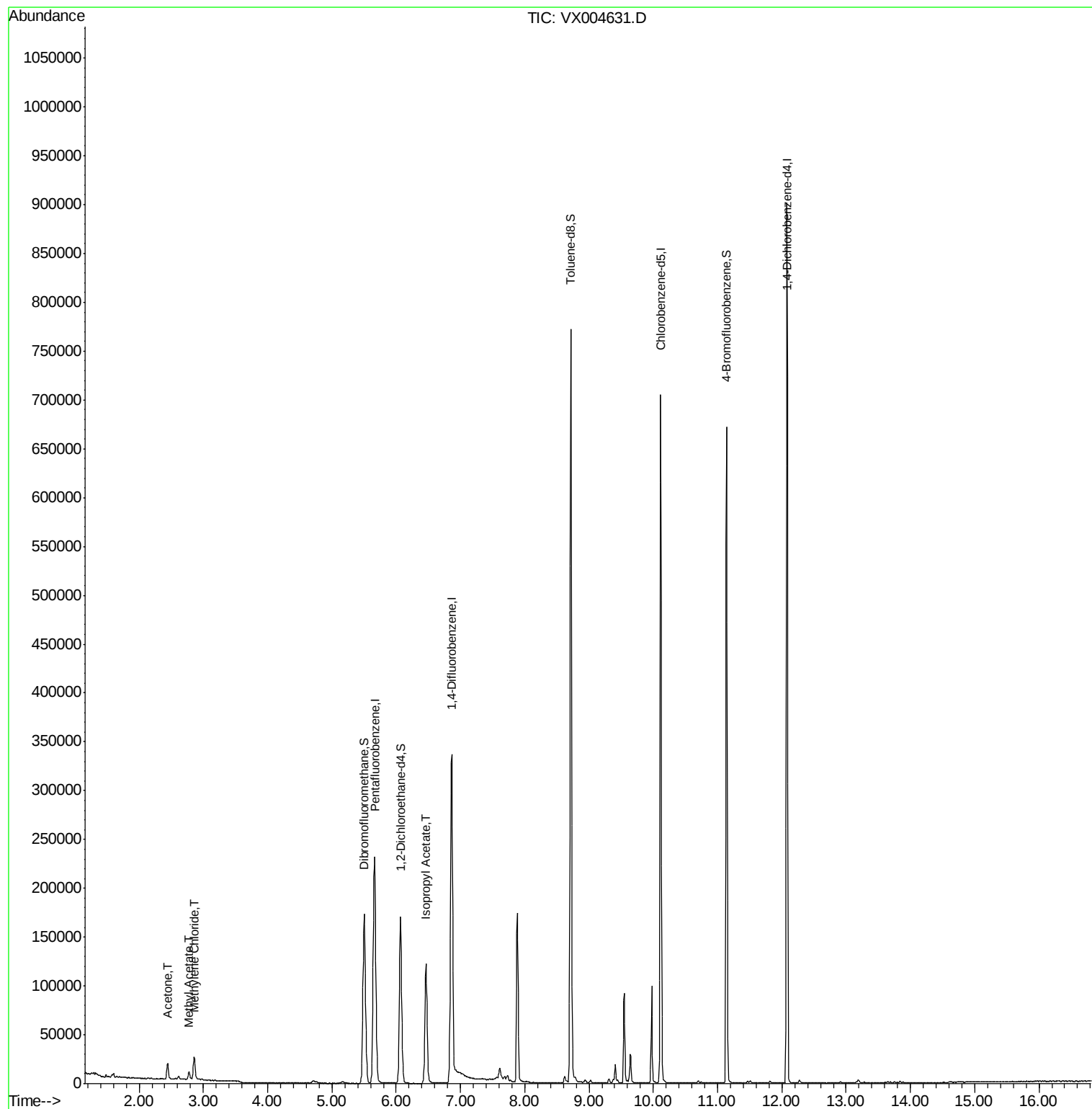
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	242479	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	355794	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	333724	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	198003	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	156236	49.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.94%	
35) Dibromofluoromethane	5.50	113	145503	44.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.38%	
50) Toluene-d8	8.72	98	489650	44.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.70%	
62) 4-Bromofluorobenzene	11.14	95	167636	43.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.02%	
Target Compounds						
16) Acetone	2.45	43	18131	11.88	ug/l	98
18) Methyl Acetate	2.78	43	9882	2.31	ug/l	96
20) Methylene Chloride	2.85	84	11138	3.56	ug/l	94
43) Isopropyl Acetate	6.46	43	150327	23.04	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: VX004631.D

Acq: 17 Sep 2018 20:52

Instrument :

MSVOA_X

ClientSampleId :

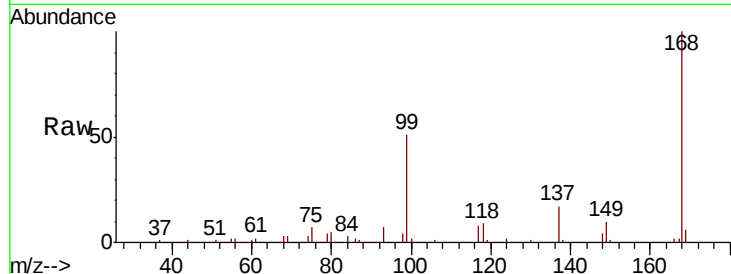
PB112894ZHE#06

Tot Ion:168 Resp: 242479

Ion Ratio Lower Upper

168 100

99 50.7 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

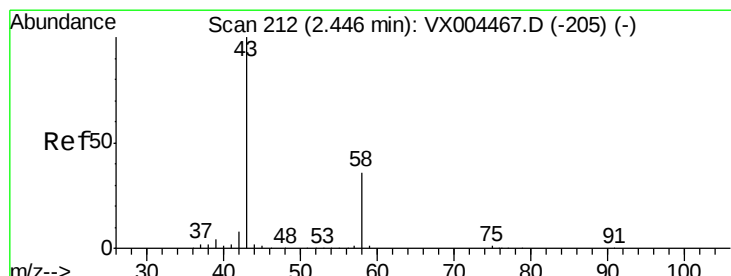
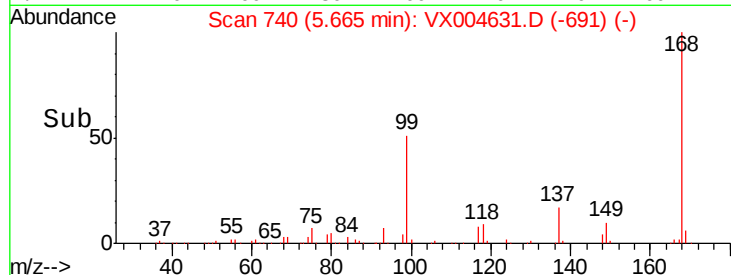
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 11.88 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX004631.D

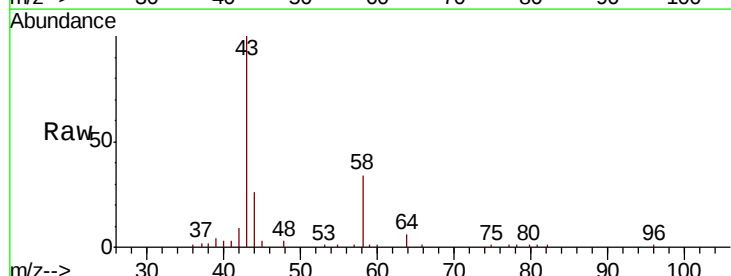
Acq: 17 Sep 2018 20:52

Tgt Ion: 43 Resp: 18131

Ion Ratio Lower Upper

43 100

58 34.1 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

12000

10000

8000

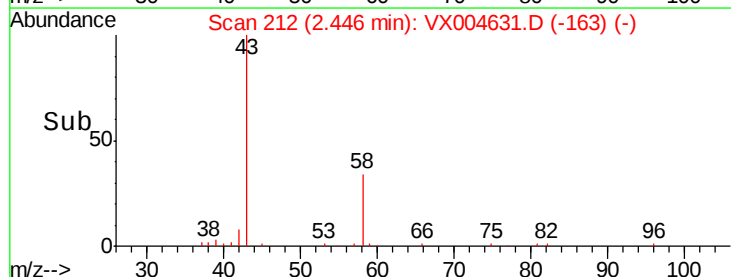
6000

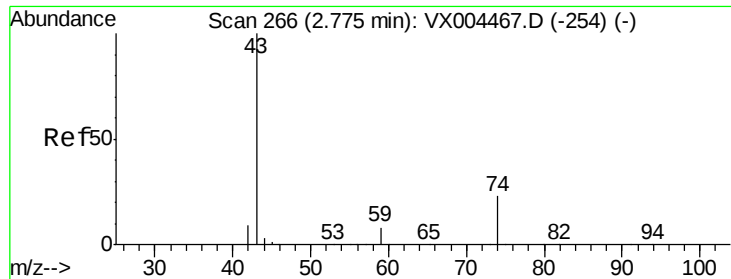
4000

2000

0

Time--> 2.40 2.45 2.50

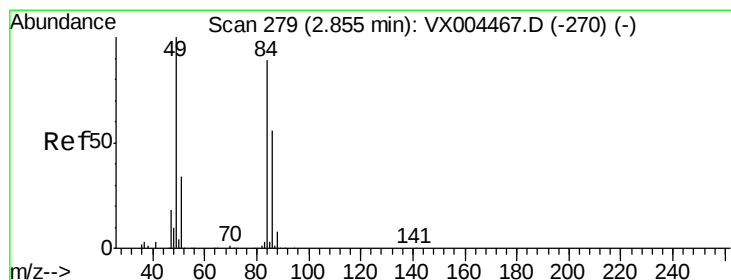
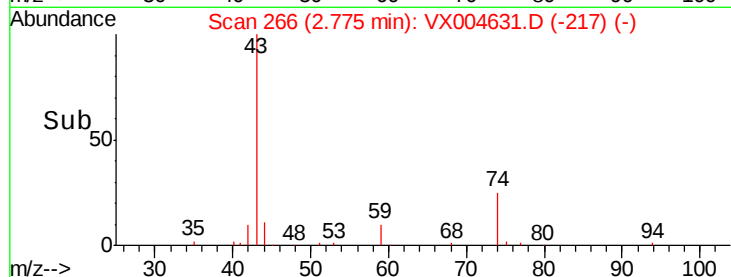
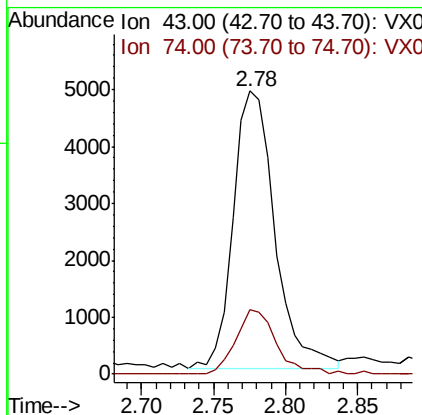
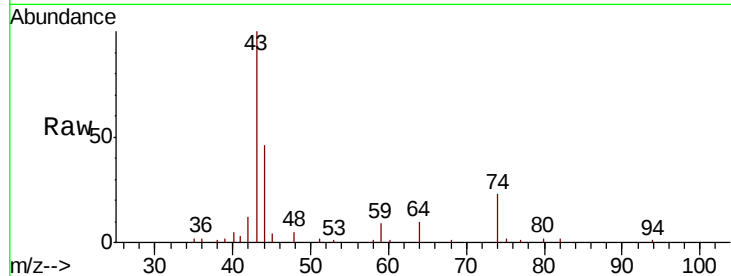




#18
Methvl Acetate
Concen: 2.31 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX004631.D
Acq: 17 Sep 2018 20:52

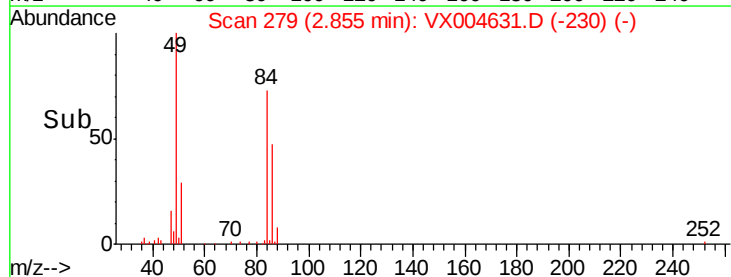
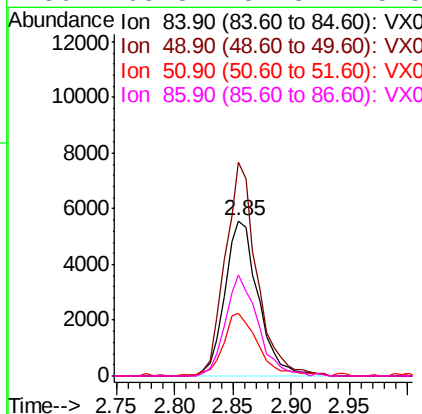
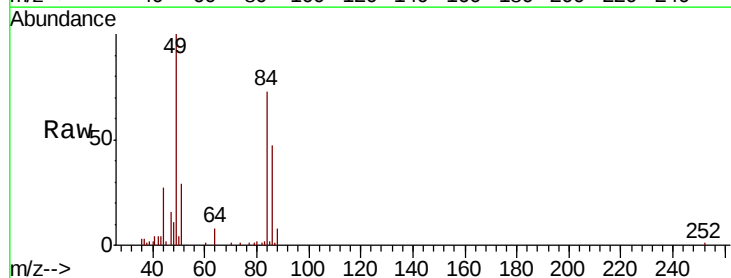
Instrument :
MSVOA_X
ClientSampleId :
PB112894ZHE#06

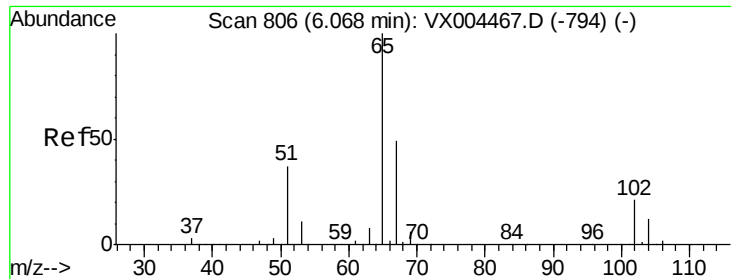
Tot Ion: 43 Resp: 9882
Ion Ratio Lower Upper
43 100
74 22.4 19.4 29.2



#20
Methylene Chloride
Concen: 3.56 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX004631.D
Acq: 17 Sep 2018 20:52

Tgt Ion: 84 Resp: 11138
Ion Ratio Lower Upper
84 100
49 137.6 101.2 151.8
51 39.1 29.5 44.3
86 65.3 52.3 78.5





#33

1,2-Dichloroethane-d4

Concen: 49.97 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX004631.D

Acq: 17 Sep 2018 20:52

Instrument :

MSVOA_X

ClientSampleId :

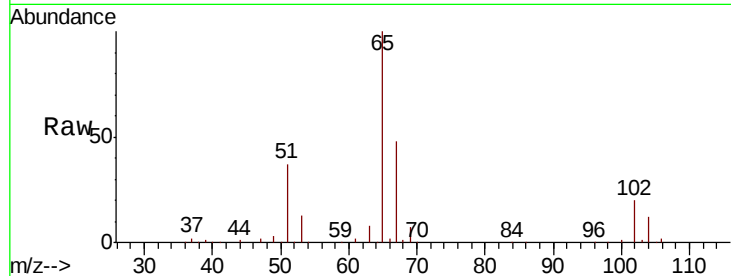
PB112894ZHE#06

Tot Ion: 65 Resp: 156236

Ion Ratio Lower Upper

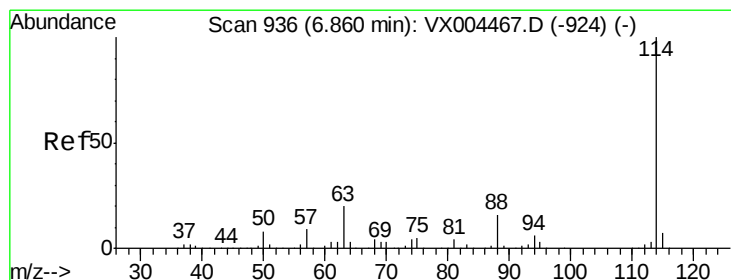
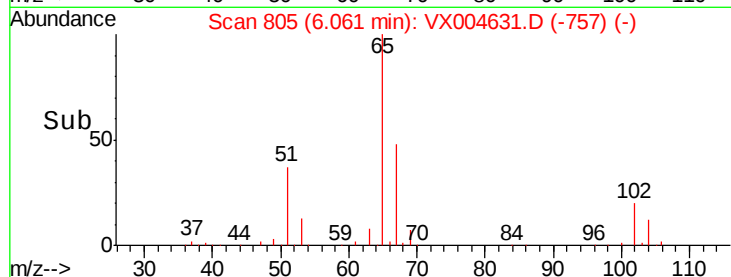
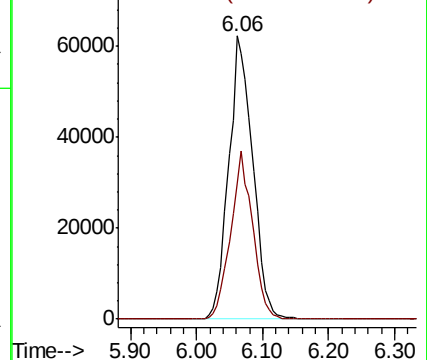
65 100

67 54.5 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: 6.87 min Scan# 937

Delta R.T. 0.01 min

Lab File: VX004631.D

Acq: 17 Sep 2018 20:52

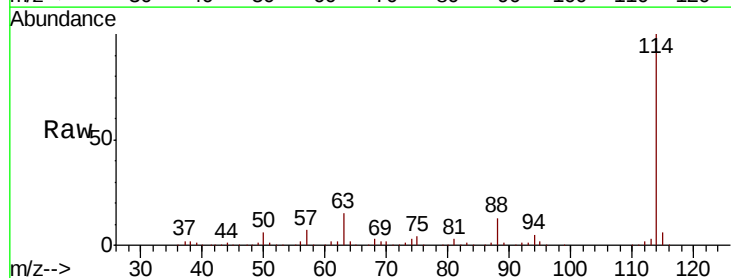
Tgt Ion: 114 Resp: 355794

Ion Ratio Lower Upper

114 100

63 15.3 0.0 39.0

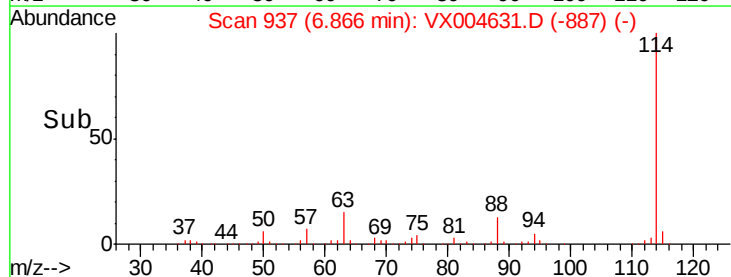
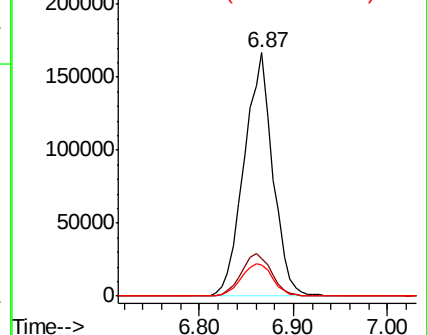
88 12.6 0.0 30.4

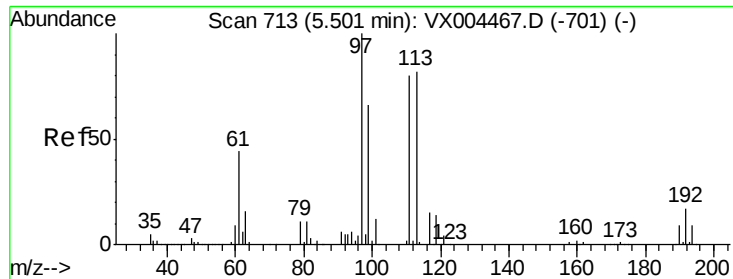


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

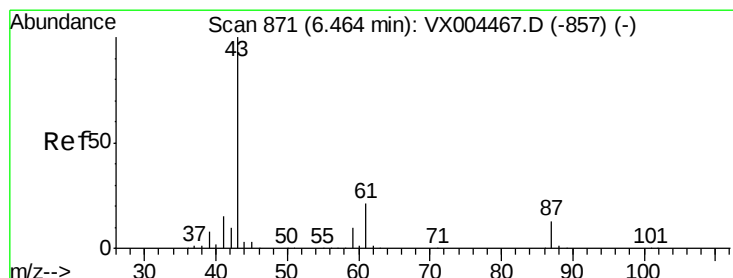
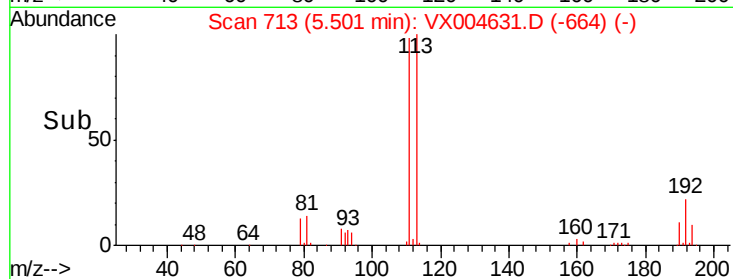
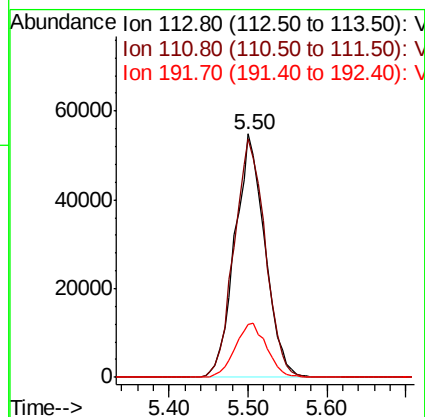
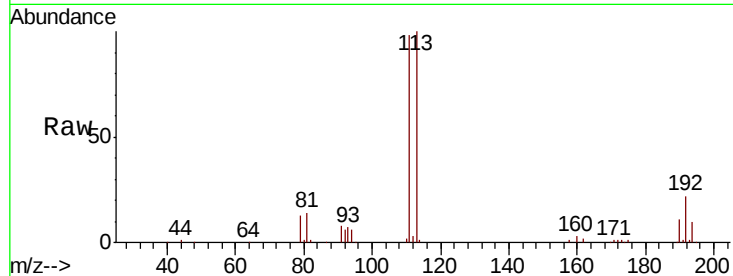




#35
 Dibromofluoromethane
 Concen: 44.69 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX004631.D
 Acq: 17 Sep 2018 20:52

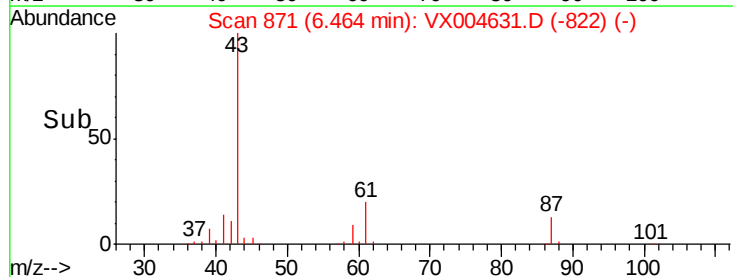
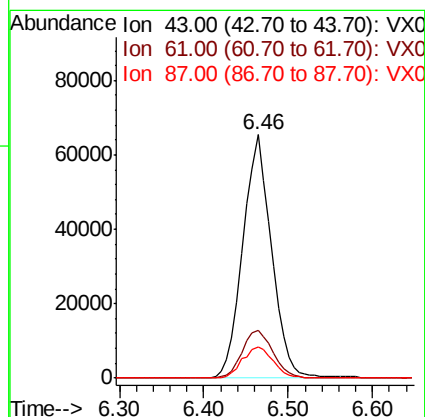
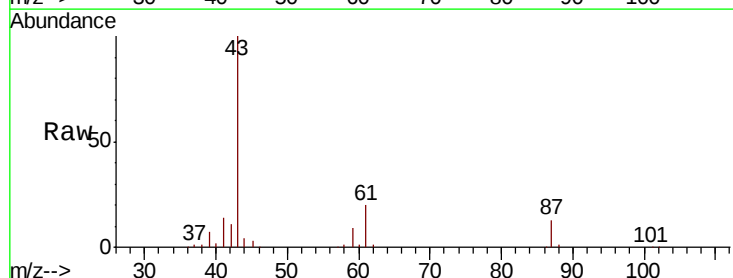
Instrument :
 MSVOA_X
 ClientSampleId :
 PB112894ZHE#06

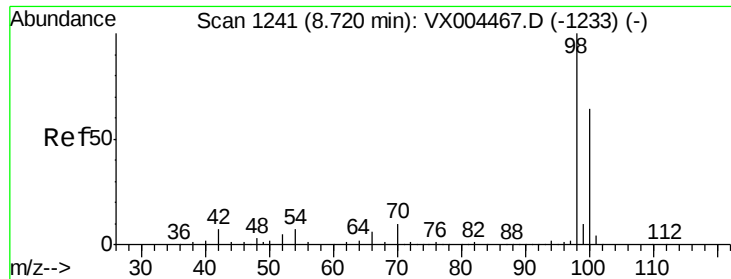
Tot Ion:113 Resp: 145503
 Ion Ratio Lower Upper
 113 100
 111 101.9 82.4 123.6
 192 23.2 19.4 29.2



#43
 Isopropyl Acetate
 Concen: 23.04 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. -0.00 min
 Lab File: VX004631.D
 Acq: 17 Sep 2018 20:52

Tgt Ion: 43 Resp: 150327
 Ion Ratio Lower Upper
 43 100
 61 21.0 17.0 25.4
 87 13.7 11.4 17.2





#50

Toluene-d8

Concen: 44.85 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VX004631.D

Acq: 17 Sep 2018 20:52

Instrument :

MSVOA_X

ClientSampleId :

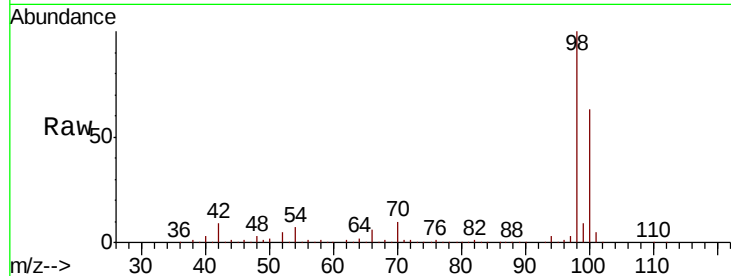
PB112894ZHE#06

Tot Ion: 98 Resp: 489650

Ion Ratio Lower Upper

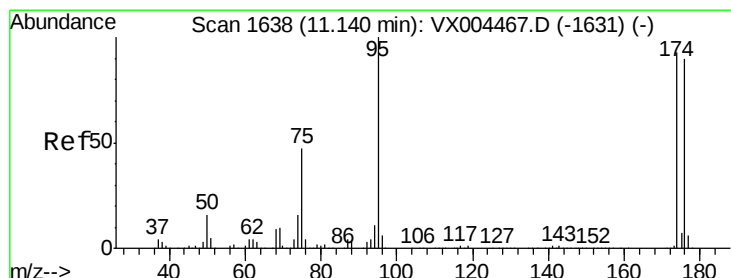
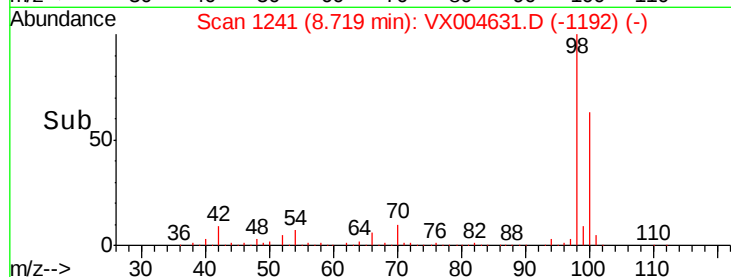
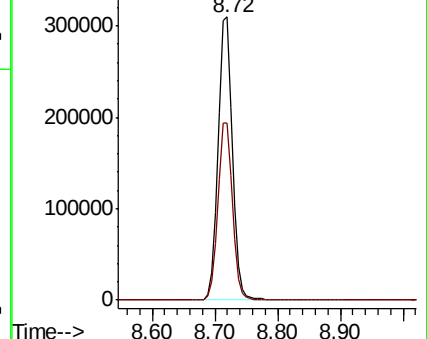
98 100

100 63.5 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V>



#62

4-Bromofluorobenzene

Concen: 43.01 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004631.D

Acq: 17 Sep 2018 20:52

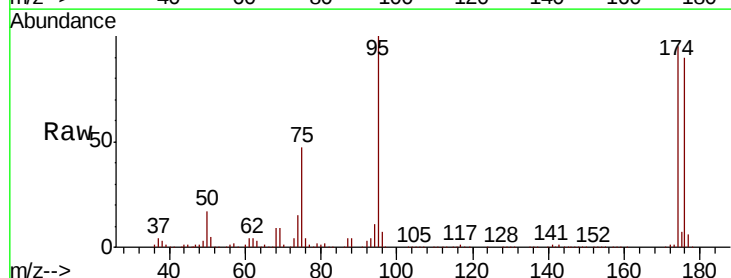
Tgt Ion: 95 Resp: 167636

Ion Ratio Lower Upper

95 100

174 95.6 0.0 185.2

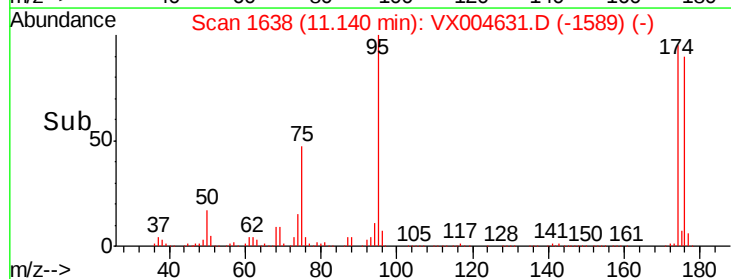
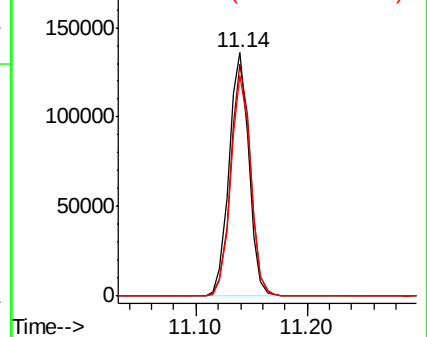
176 90.8 0.0 178.6

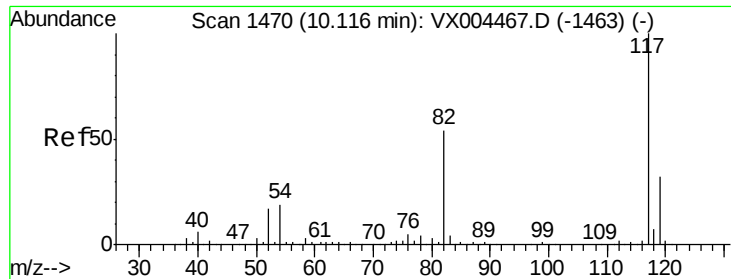


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

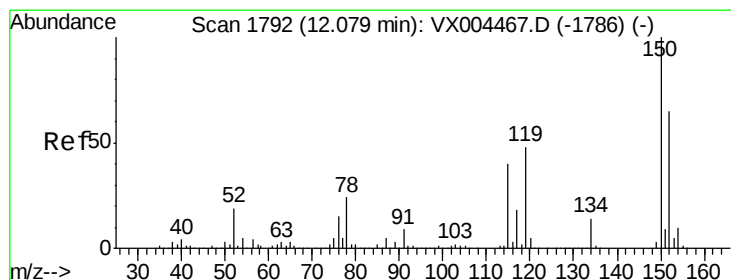
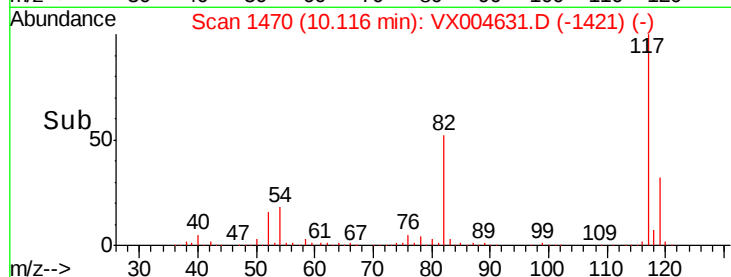
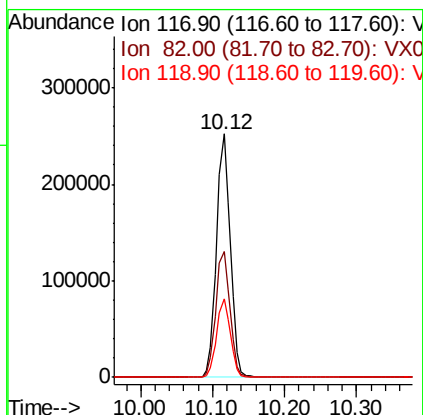
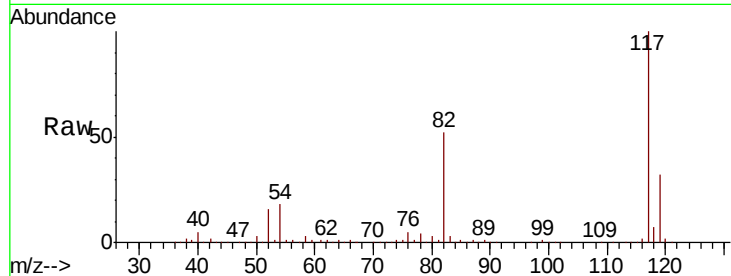




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004631.D
Acq: 17 Sep 2018 20:52

Instrument :
MSVOA_X
ClientSampleId :
PB112894ZHE#06

Tot Ion:117 Resp: 333724
Ion Ratio Lower Upper
117 100
82 51.8 47.8 71.6
119 32.3 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: VX004631.D
Acq: 17 Sep 2018 20:52

Tgt Ion:152 Resp: 198003
Ion Ratio Lower Upper
152 100
115 51.6 39.0 117.0
150 149.7 0.0 351.0

