

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091718\
 Data File : VX004630.D
 Acq On : 17 Sep 2018 20:25
 Operator : JC/MD
 Sample : PB112894ZHE#05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB112894ZHE#05

Quant Time: Sep 18 01:33:08 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	229399	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	313548	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	304381	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	169409	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	139387	47.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.24%	
35) Dibromofluoromethane	5.50	113	134133	46.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.50%	
50) Toluene-d8	8.71	98	453976	47.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.36%	
62) 4-Bromofluorobenzene	11.14	95	152804	44.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.98%	

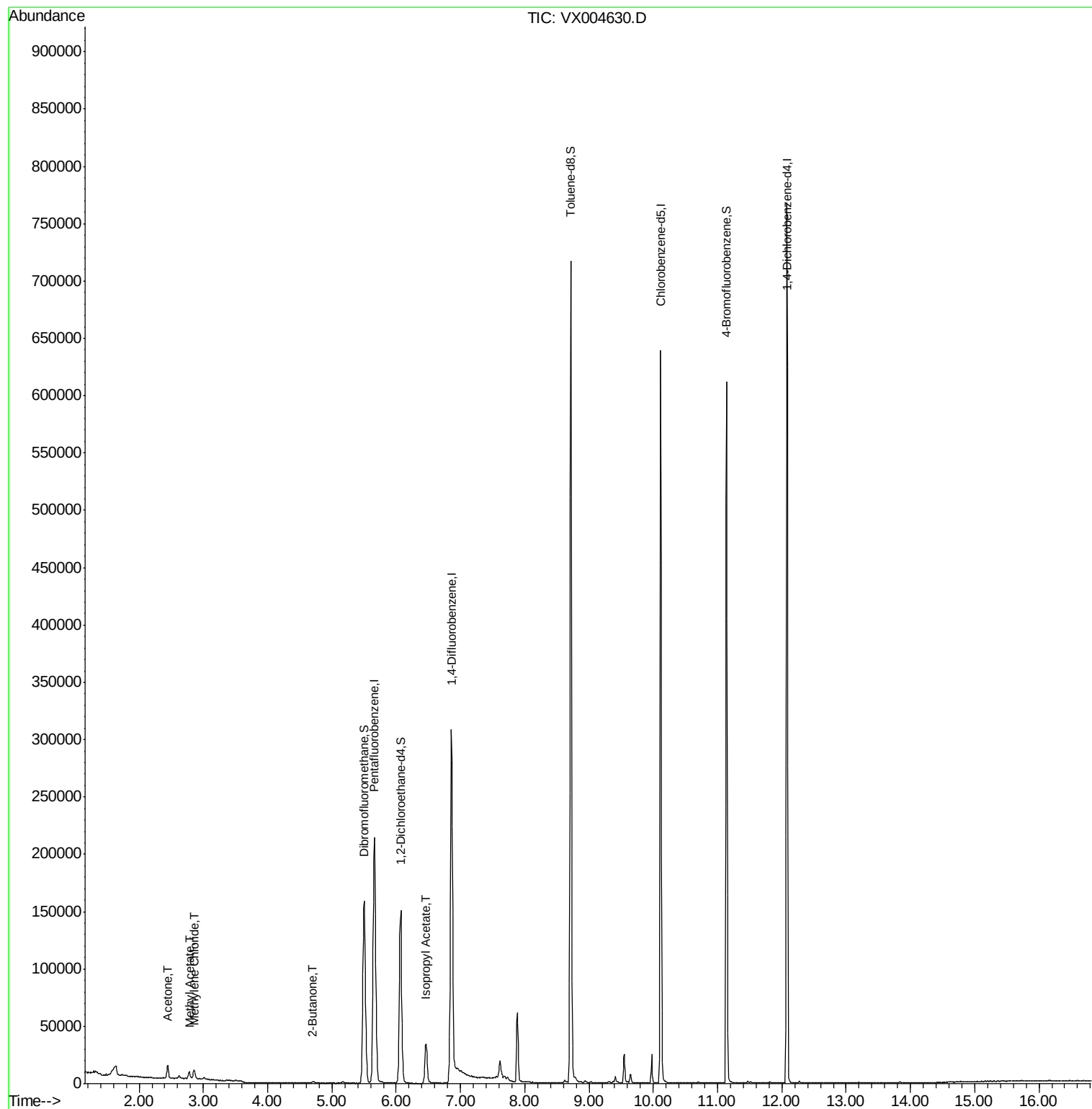
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	11874	8.22	ug/l	94
18) Methyl Acetate	2.78	43	7983	1.97	ug/l	100
20) Methylene Chloride	2.85	84	3647	1.23	ug/l	96
25) 2-Butanone	4.70	43	2821	1.23	ug/l	93
43) Isopropyl Acetate	6.46	43	46327	8.06	ug/l	99

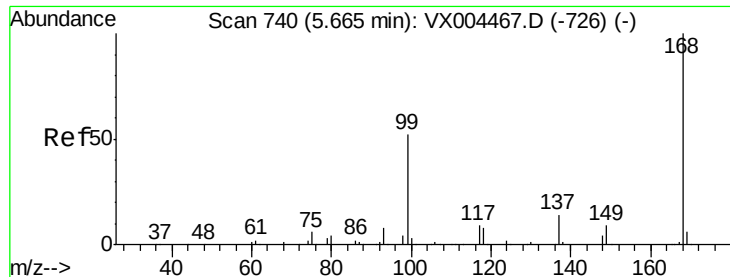
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX091718\
Data File : VX004630.D
Acq On : 17 Sep 2018 20:25
Operator : JC/MD
Sample : PB112894ZHE#05
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB112894ZHE#05

Quant Time: Sep 18 01:33:08 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 12 02:17:23 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX004630.D

Acq: 17 Sep 2018 20:25

Instrument :

MSVOA_X

ClientSampleId :

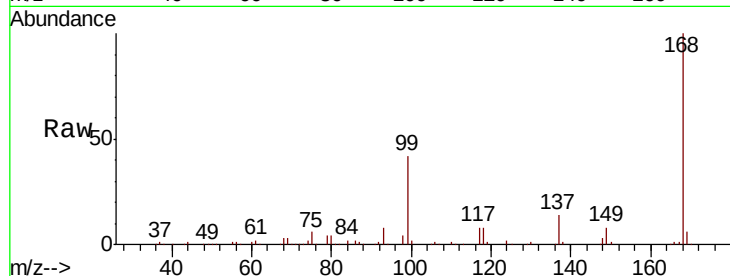
PB112894ZHE#05

Tot Ion:168 Resp: 229399

Ion Ratio Lower Upper

168 100

99 42.4 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

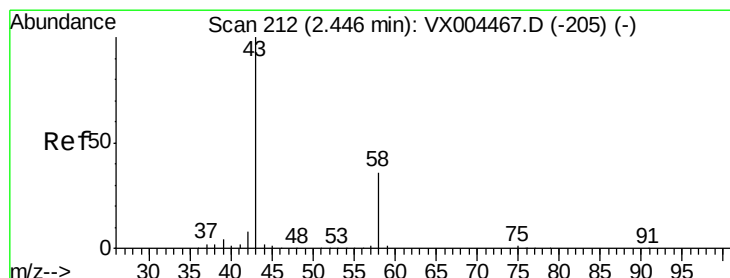
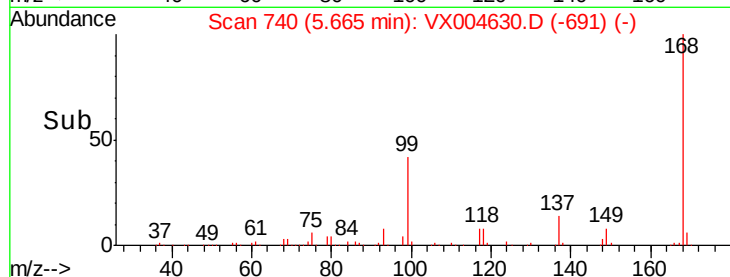
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 8.22 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX004630.D

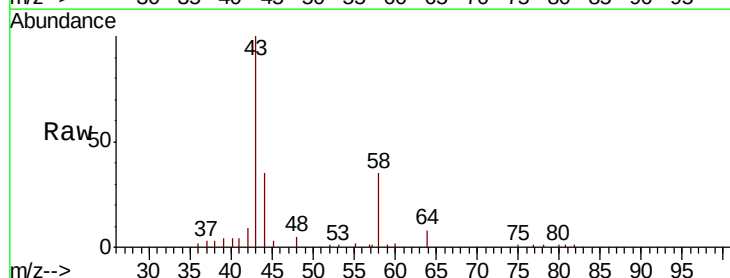
Acq: 17 Sep 2018 20:25

Tgt Ion: 43 Resp: 11874

Ion Ratio Lower Upper

43 100

58 36.1 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8000

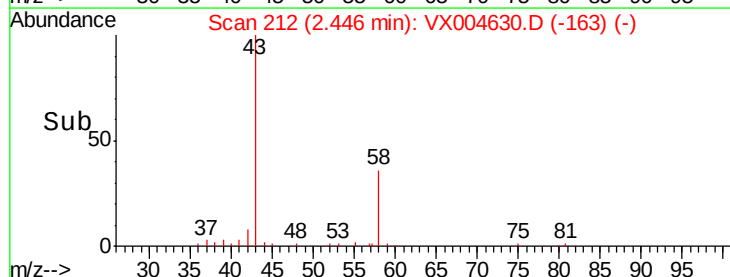
6000

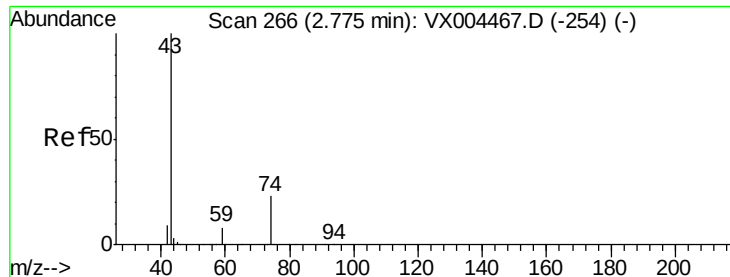
4000

2000

0

Time--> 2.30 2.40 2.50





#18

Methvl Acetate

Concen: 1.97 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX004630.D

Acq: 17 Sep 2018 20:25

Instrument :

MSVOA_X

ClientSampleId :

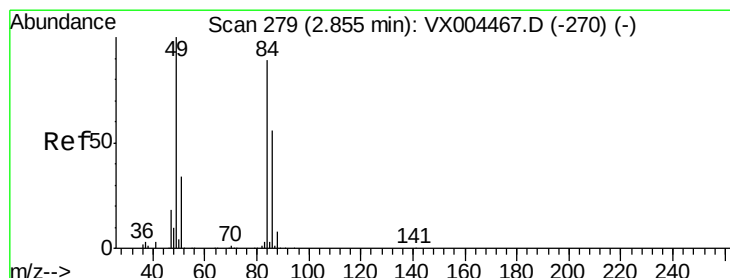
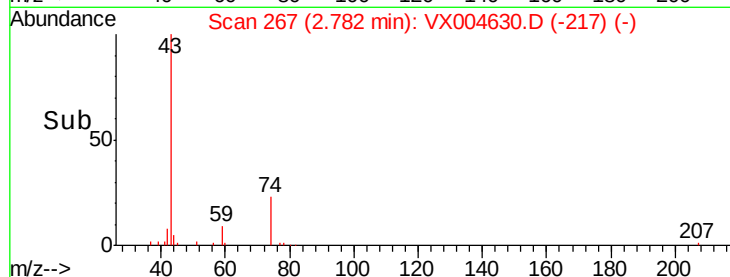
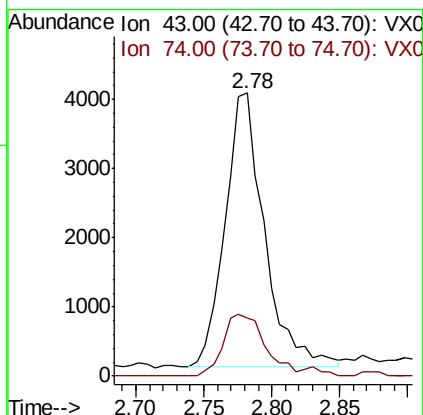
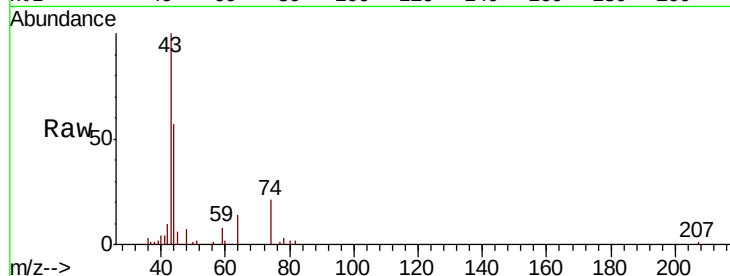
PB112894ZHE#05

Tot Ion: 43 Resp: 7983

Ion Ratio Lower Upper

43 100

74 24.3 19.4 29.2



#20

Methylene Chloride

Concen: 1.23 ug/l

RT: 2.85 min Scan# 279

Delta R.T. 0.00 min

Lab File: VX004630.D

Acq: 17 Sep 2018 20:25

Tgt Ion: 84 Resp: 3647

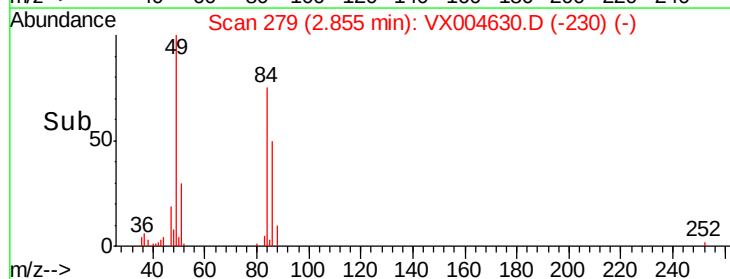
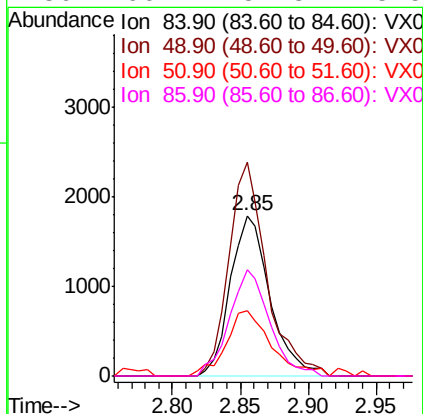
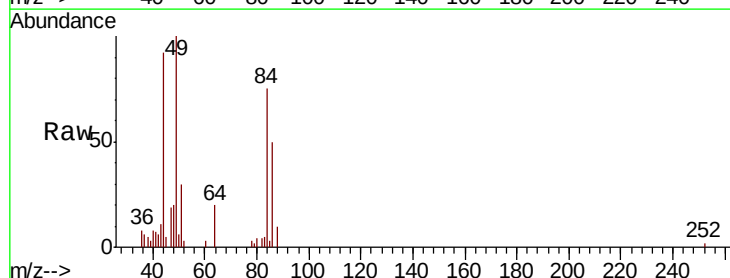
Ion Ratio Lower Upper

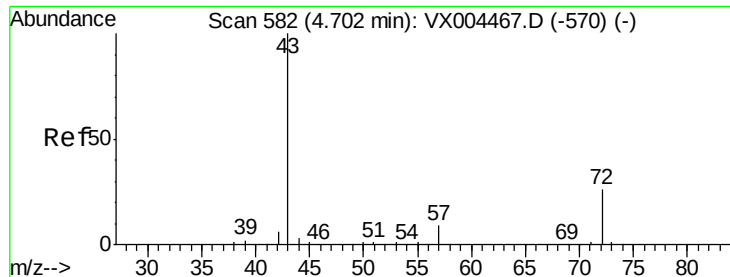
84 100

49 133.2 101.2 151.8

51 40.4 29.5 44.3

86 66.1 52.3 78.5





#25

2-Butanone

Concen: 1.23 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX004630.D

Acq: 17 Sep 2018 20:25

Instrument :

MSVOA_X

ClientSampleId :

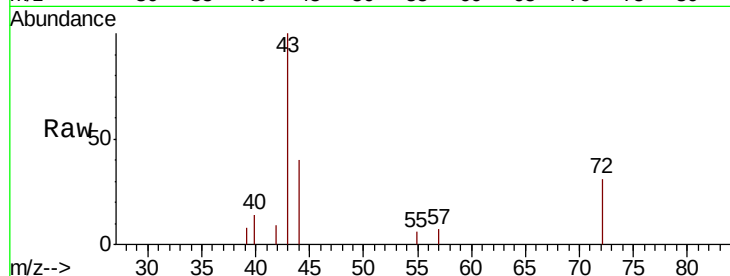
PB112894ZHE#05

Tot Ion: 43 Resp: 2821

Ion Ratio Lower Upper

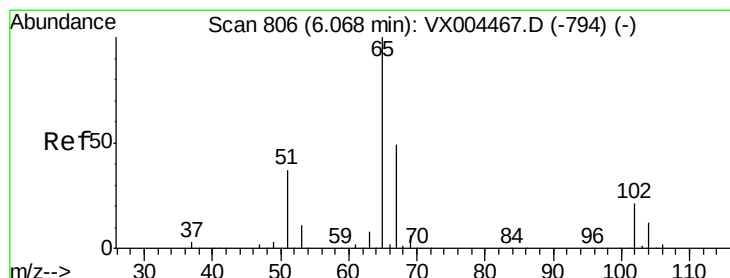
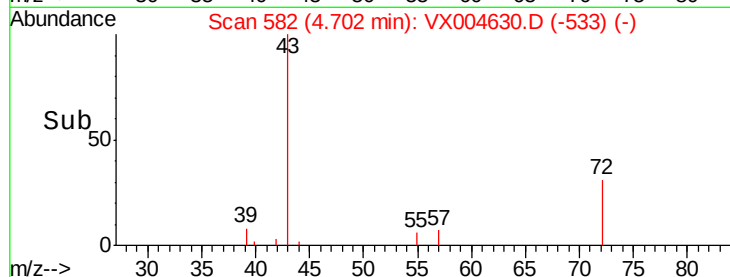
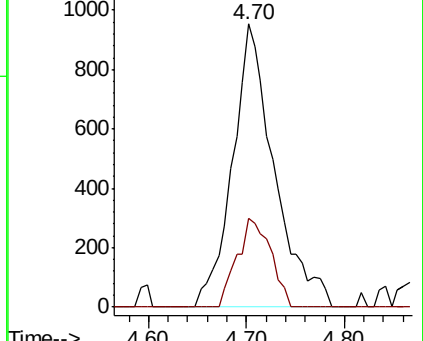
43 100

72 31.2 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 47.12 ug/l

RT: 6.07 min Scan# 807

Delta R.T. 0.01 min

Lab File: VX004630.D

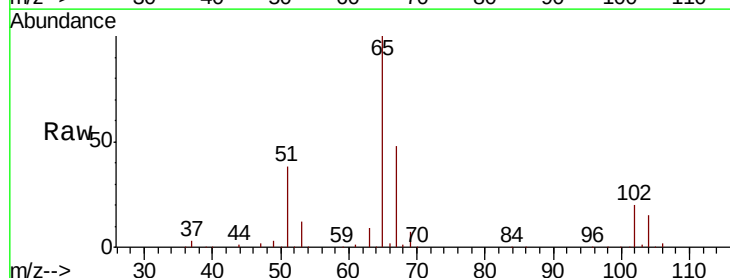
Acq: 17 Sep 2018 20:25

Tgt Ion: 65 Resp: 139387

Ion Ratio Lower Upper

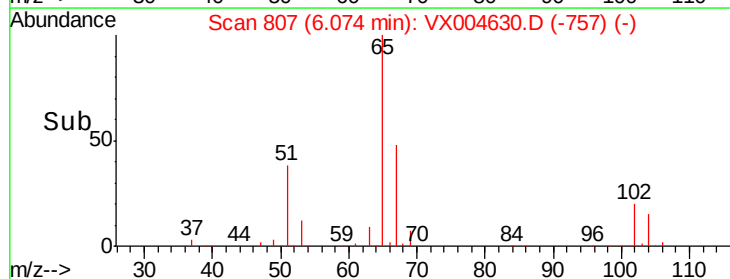
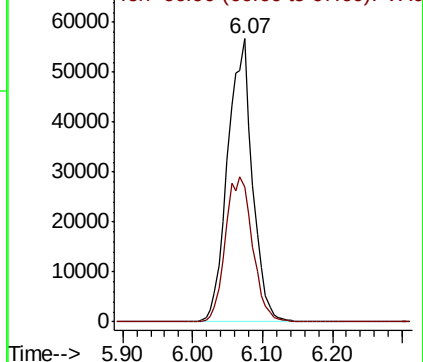
65 100

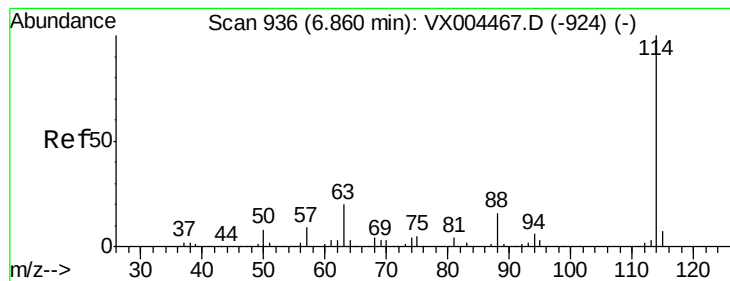
67 56.2 0.0 106.8



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: VX004630.D

Acq: 17 Sep 2018 20:25

Instrument :

MSVOA_X

ClientSampleId :

PB112894ZHE#05

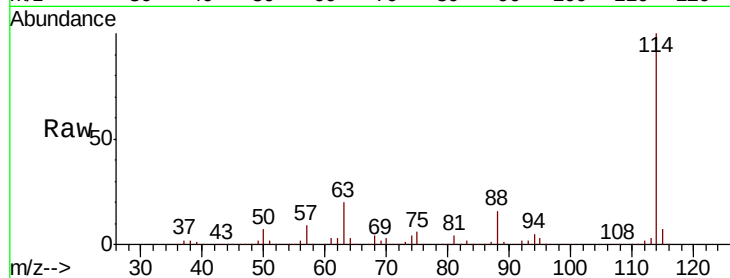
Tot Ion:114 Resp: 313548

Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.0

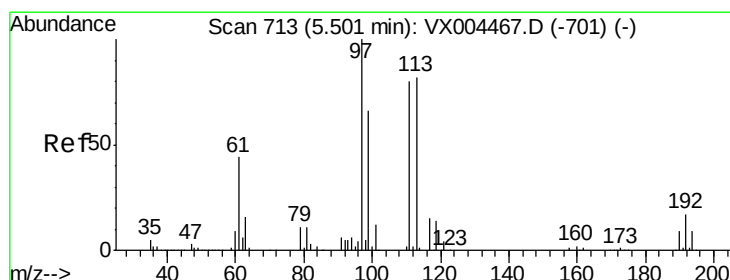
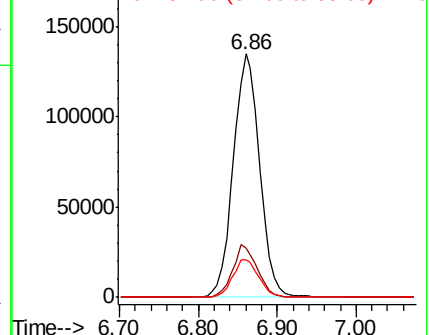
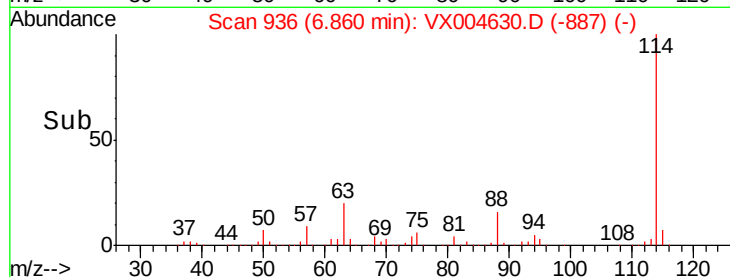
88 15.6 0.0 30.4



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: 46.75 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX004630.D

Acq: 17 Sep 2018 20:25

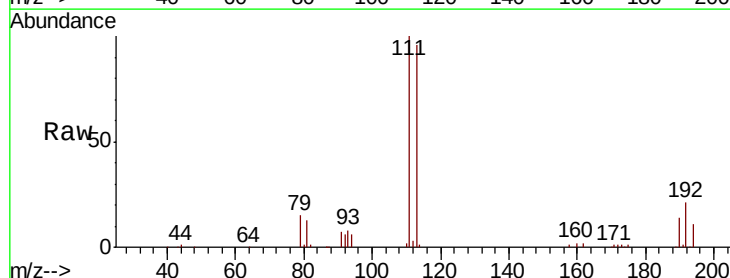
Tgt Ion:113 Resp: 134133

Ion Ratio Lower Upper

113 100

111 105.0 82.4 123.6

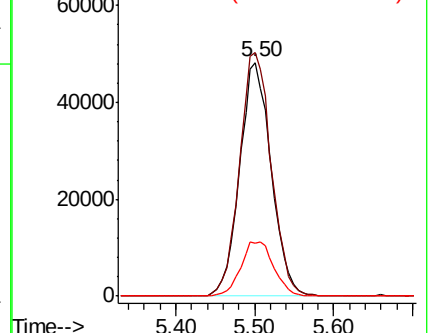
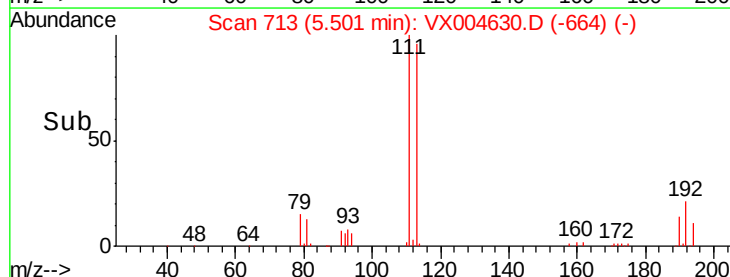
192 24.4 19.4 29.2

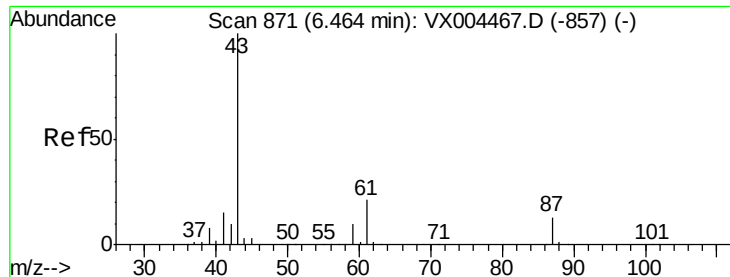


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 8.06 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.01 min

Lab File: VX004630.D

Acq: 17 Sep 2018 20:25

Instrument :

MSVOA_X

ClientSampleId :

PB112894ZHE#05

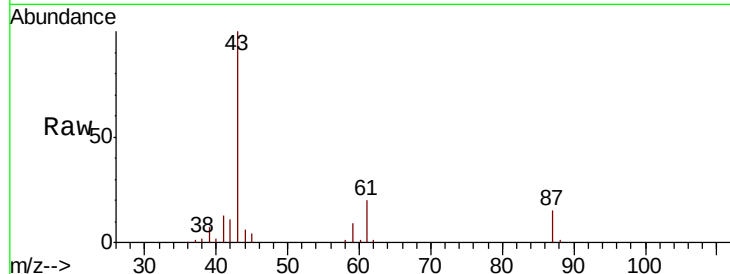
Tot Ion: 43 Resp: 46327

Ion Ratio Lower Upper

43 100

61 21.2 17.0 25.4

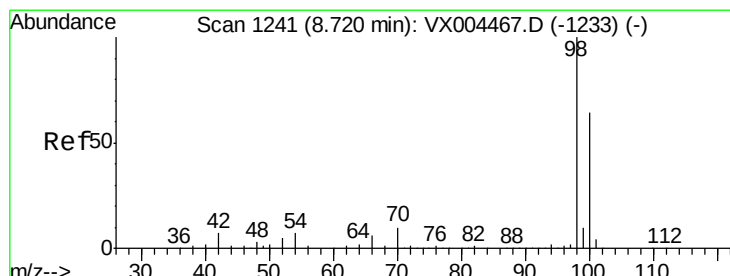
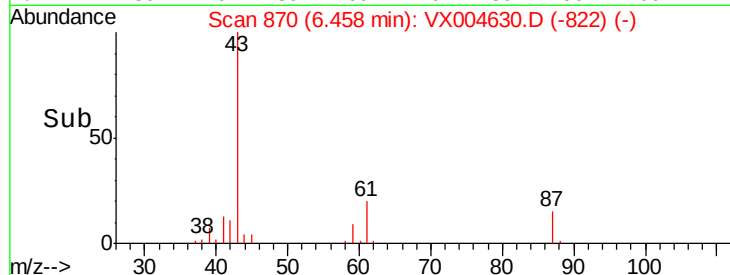
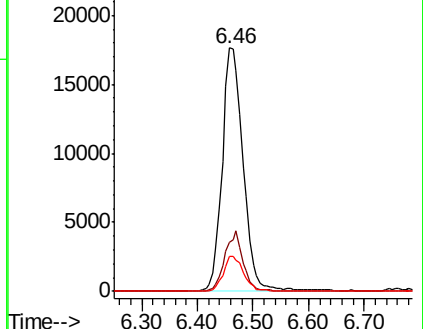
87 13.6 11.4 17.2



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: 47.18 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VX004630.D

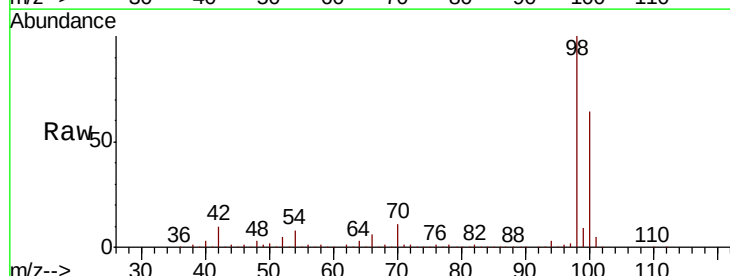
Acq: 17 Sep 2018 20:25

Tgt Ion: 98 Resp: 453976

Ion Ratio Lower Upper

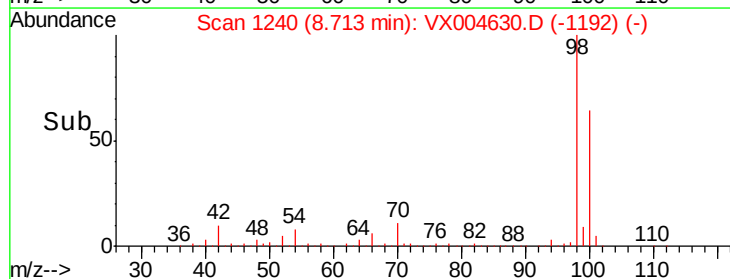
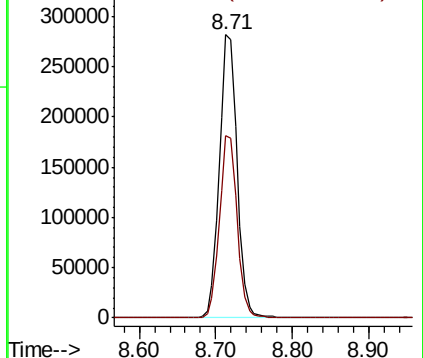
98 100

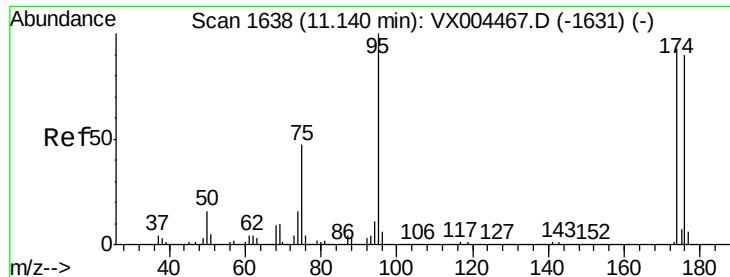
100 64.2 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 44.49 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX004630.D

Acq: 17 Sep 2018 20:25

Instrument :

MSVOA_X

ClientSampleId :

PB112894ZHE#05

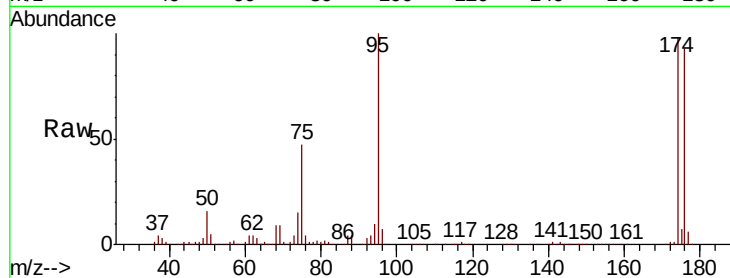
Tot Ion: 95 Resp: 152804

Ion Ratio Lower Upper

95 100

174 95.7 0.0 185.2

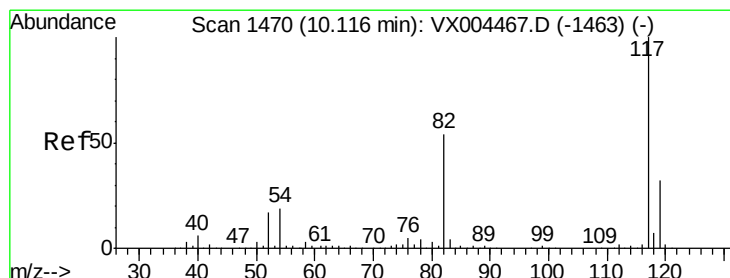
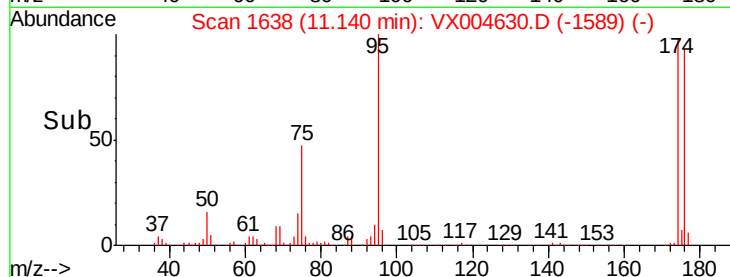
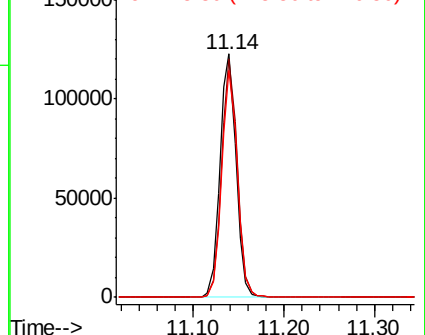
176 90.7 0.0 178.6



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: VX004630.D

Acq: 17 Sep 2018 20:25

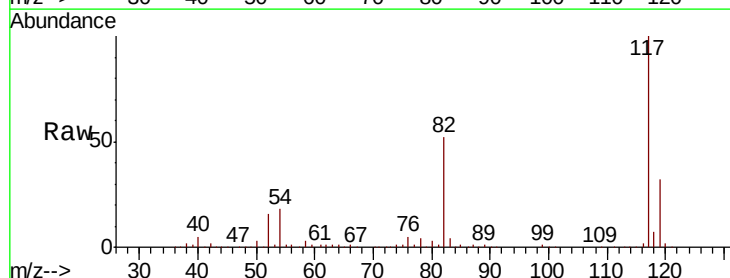
Tgt Ion: 117 Resp: 304381

Ion Ratio Lower Upper

117 100

82 51.7 47.8 71.6

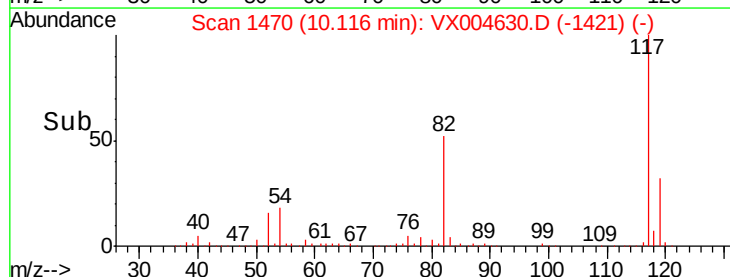
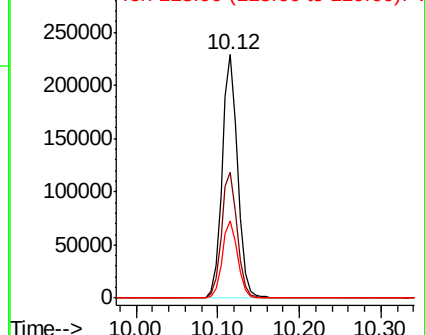
119 31.6 29.3 43.9

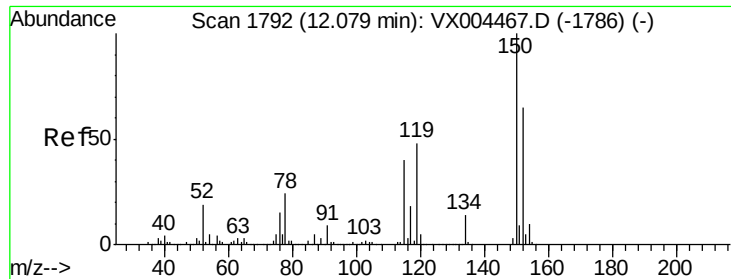


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX004630.D

Acq: 17 Sep 2018 20:25

Instrument :

MSVOA_X

ClientSampleId :

PB112894ZHE#05

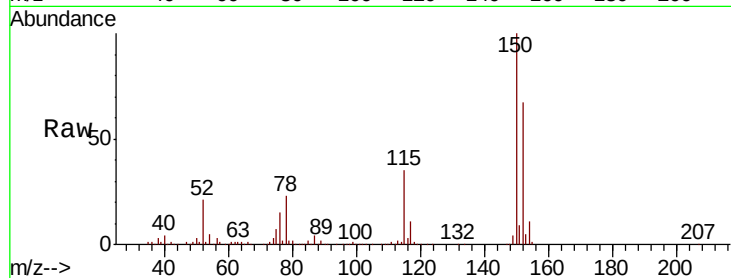
Tot Ion:152 Resp: 169409

Ion Ratio Lower Upper

152 100

115 51.9 39.0 117.0

150 153.1 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

