

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091718\
 Data File : VX004636.D
 Acq On : 17 Sep 2018 23:06
 Operator : JC/MD
 Sample : PB112894ZHE#11
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB112894ZHE#11

Quant Time: Sep 18 01:58:38 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	5.66	168	213313	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	319815	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	302056	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	181114	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	146643	53.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.64%	
35) Dibromofluoromethane	5.51	113	131934	45.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.16%	
50) Toluene-d8	8.72	98	440034	44.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.68%	
62) 4-Bromofluorobenzene	11.14	95	153858	43.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.84%	

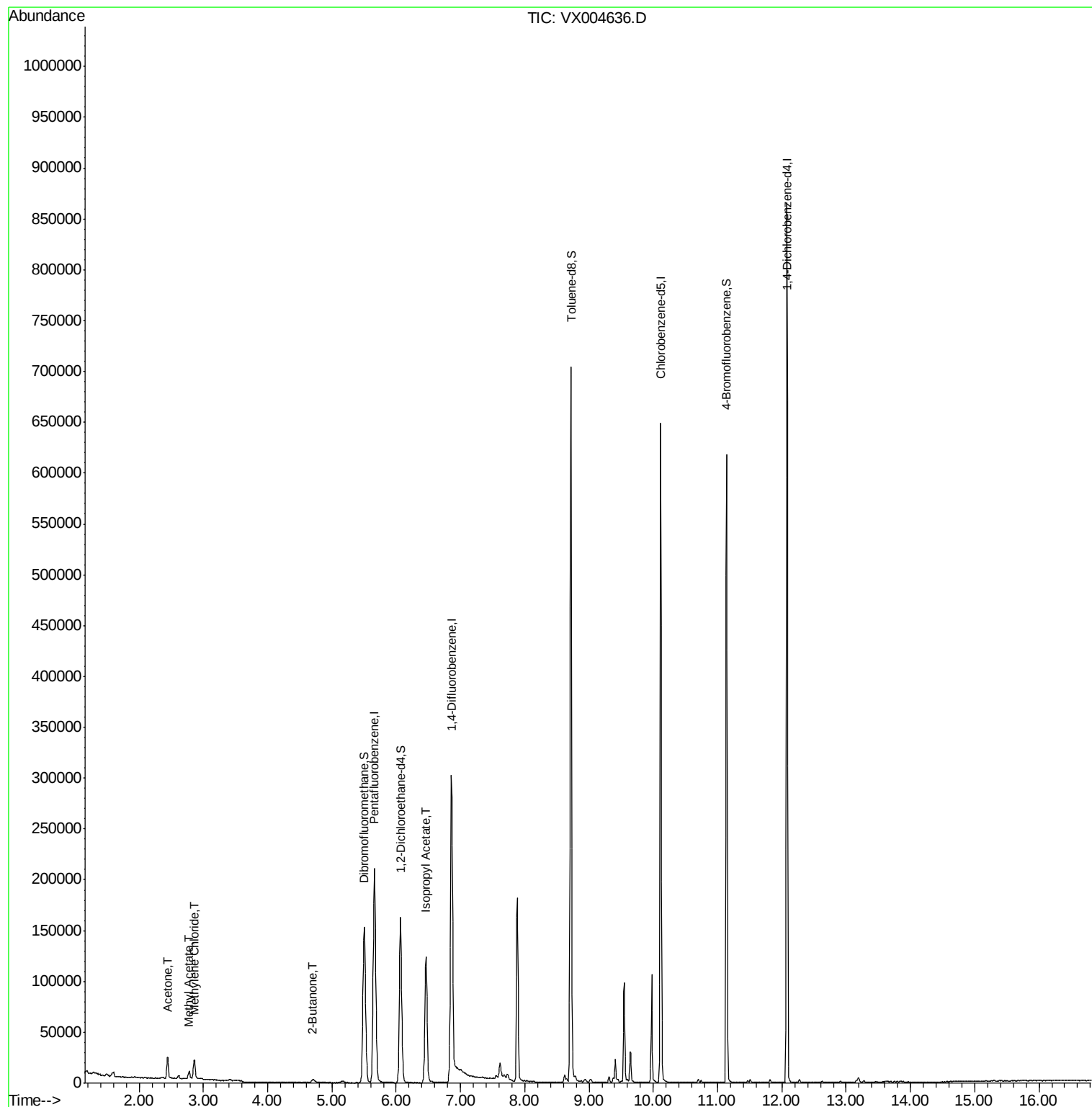
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	22485	16.75	ug/l	95
18) Methyl Acetate	2.78	43	9563	2.54	ug/l	98
20) Methylene Chloride	2.86	84	9688	3.52	ug/l	90
25) 2-Butanone	4.70	43	6294	2.95	ug/l	98
43) Isopropyl Acetate	6.46	43	158554	27.03	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX004636.D

Acq: 17 Sep 2018 23:06

Instrument :

MSVOA_X

ClientSampleId :

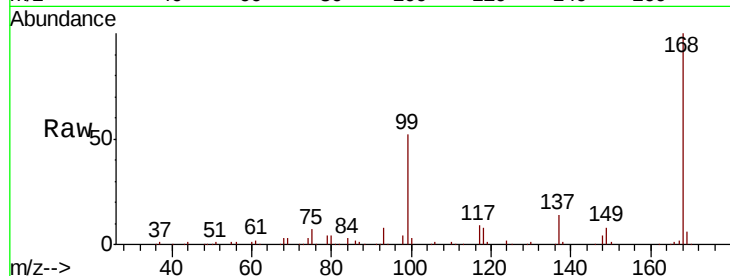
PB112894ZHE#11

Tot Ion:168 Resp: 213313

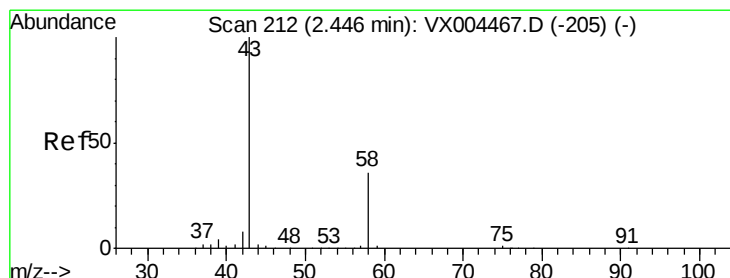
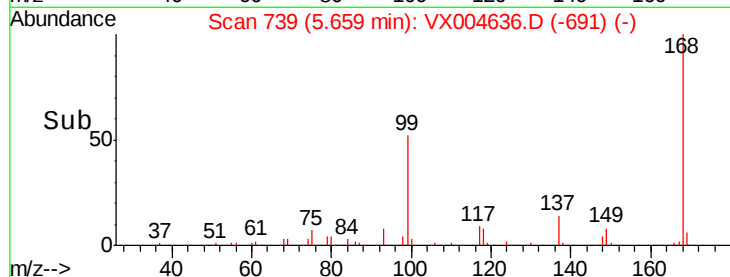
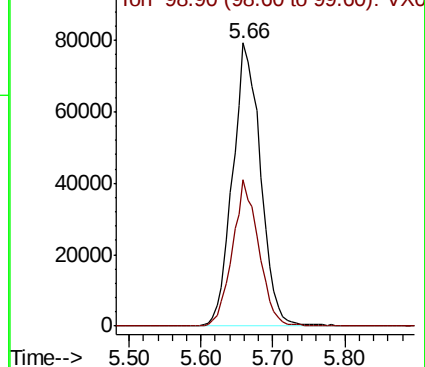
Ion Ratio Lower Upper

168 100

99 51.6 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): VX004467.D (-726) (-)



#16

Acetone

Concen: 16.75 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX004636.D

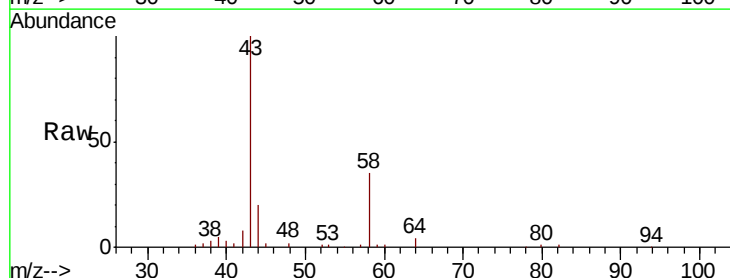
Acq: 17 Sep 2018 23:06

Tgt Ion: 43 Resp: 22485

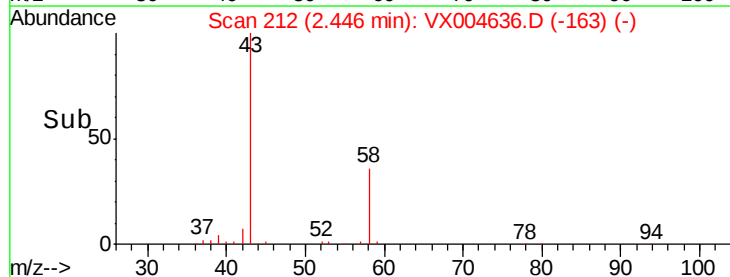
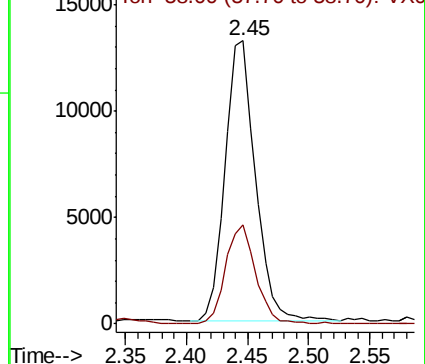
Ion Ratio Lower Upper

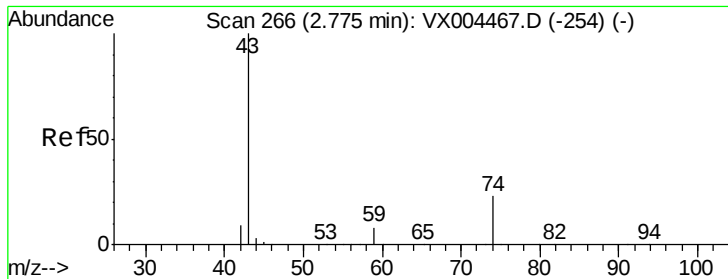
43 100

58 35.7 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX004467.D (-205) (-)

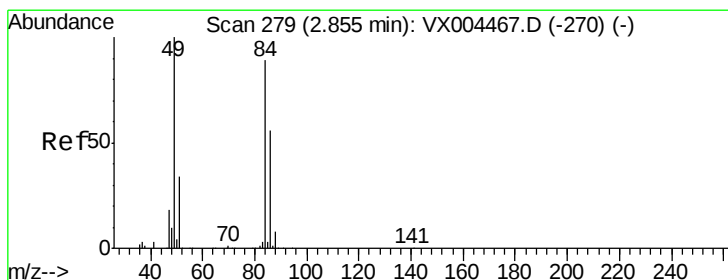
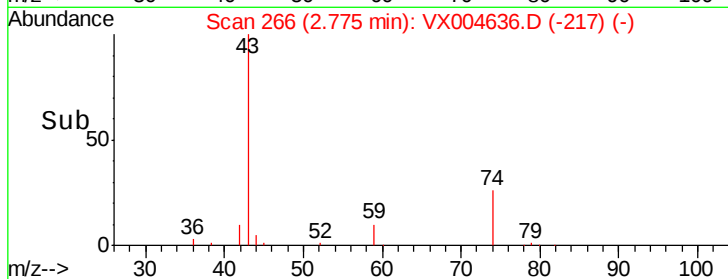
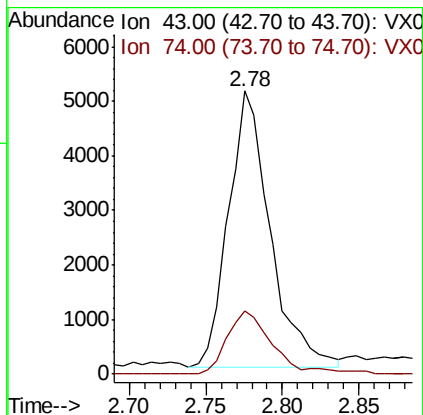
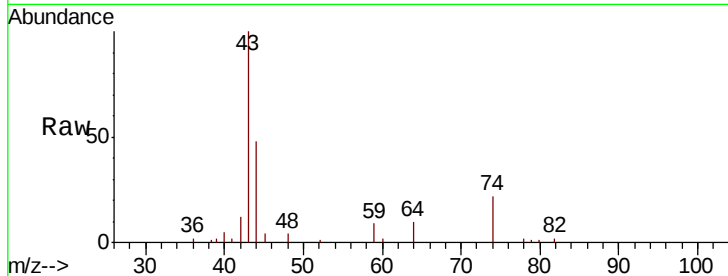




#18
Methyl Acetate
Concen: 2.54 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX004636.D
Acq: 17 Sep 2018 23:06

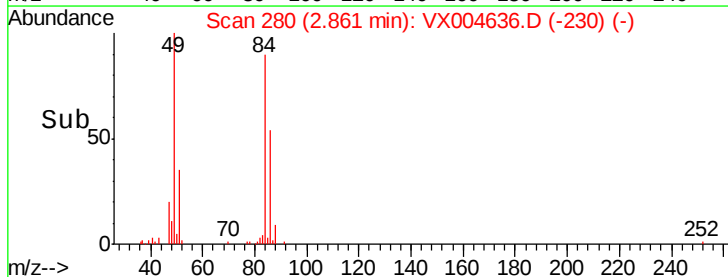
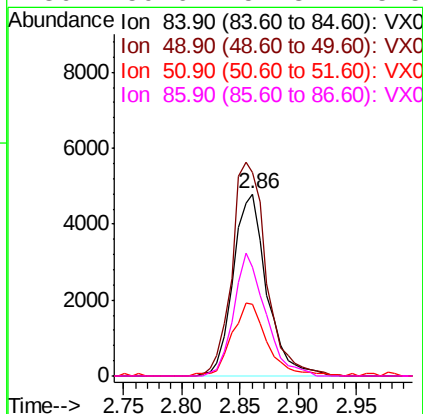
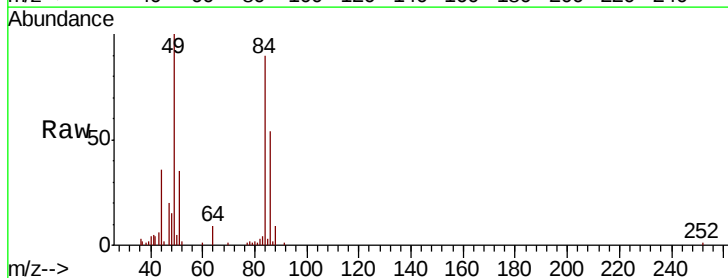
Instrument :
MSVOA_X
ClientSampleId :
PB112894ZHE#11

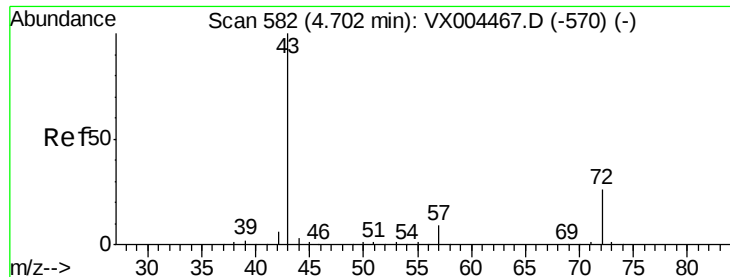
Tot Ion: 43 Resp: 9563
Ion Ratio Lower Upper
43 100
74 25.3 19.4 29.2



#20
Methylene Chloride
Concen: 3.52 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX004636.D
Acq: 17 Sep 2018 23:06

Tgt Ion: 84 Resp: 9688
Ion Ratio Lower Upper
84 100
49 111.3 101.2 151.8
51 39.0 29.5 44.3
86 59.6 52.3 78.5





#25

2-Butanone

Concen: 2.95 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX004636.D

Acq: 17 Sep 2018 23:06

Instrument :

MSVOA_X

ClientSampleId :

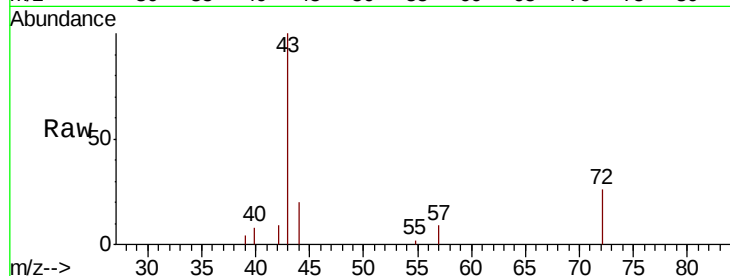
PB112894ZHE#11

Tot Ion: 43 Resp: 6294

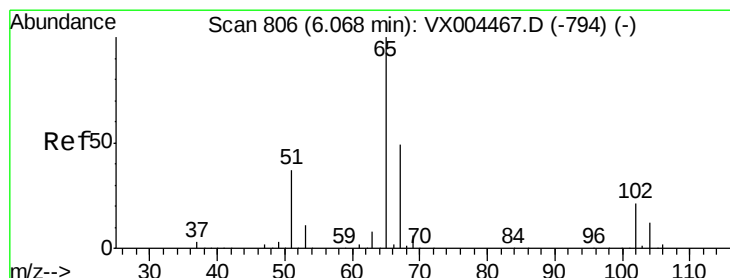
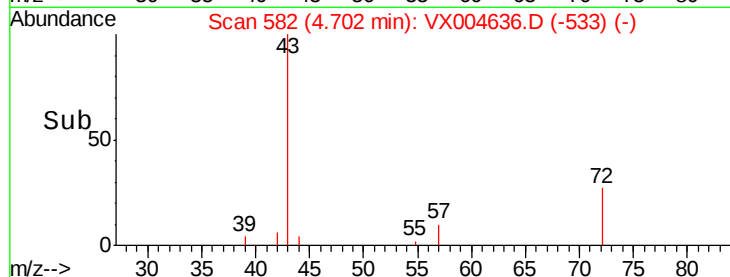
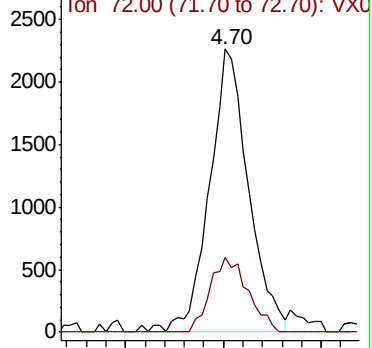
Ion Ratio Lower Upper

43 100

72 26.4 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 53.32 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004636.D

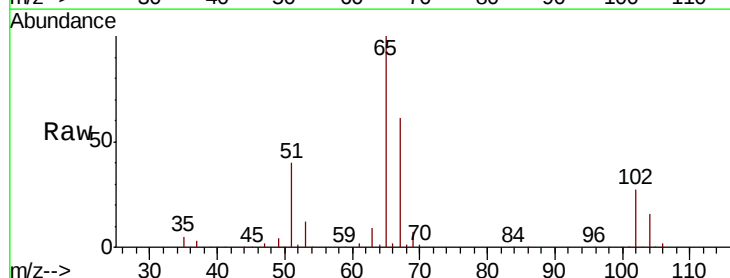
Acq: 17 Sep 2018 23:06

Tgt Ion: 65 Resp: 146643

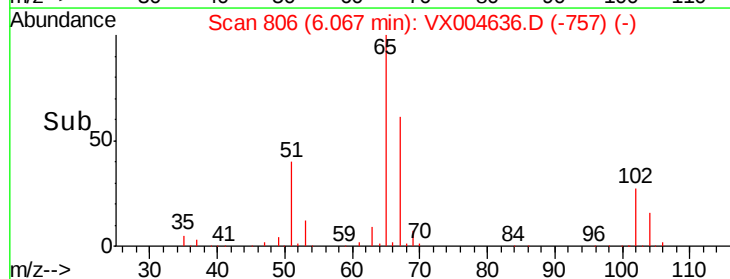
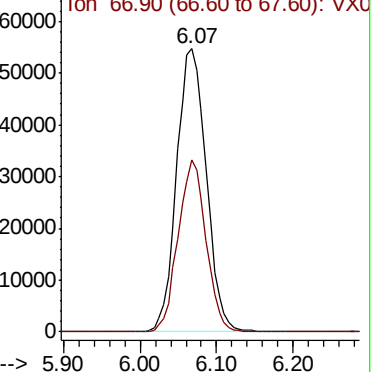
Ion Ratio Lower Upper

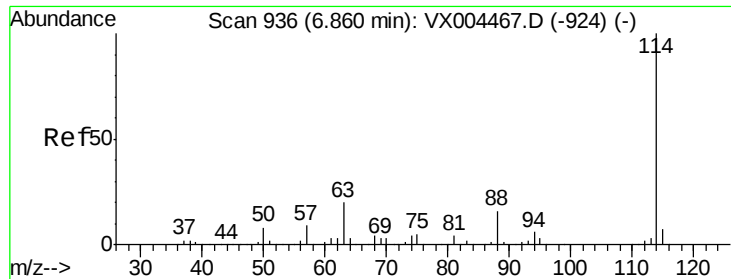
65 100

67 57.1 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

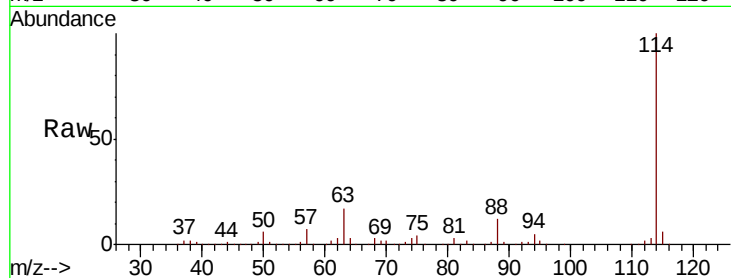




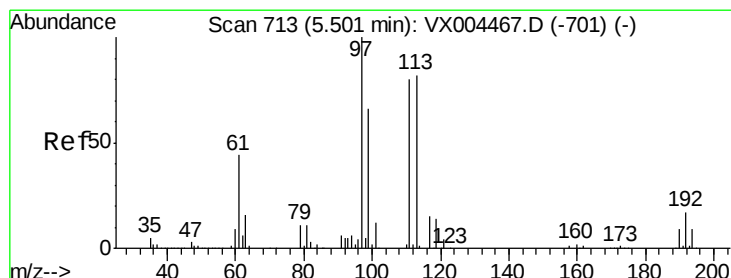
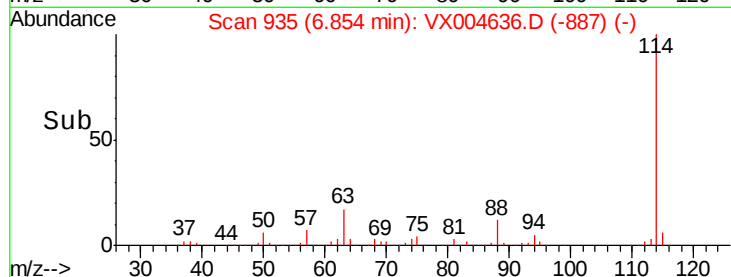
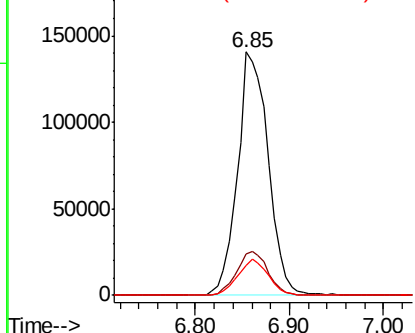
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX004636.D
 Acq: 17 Sep 2018 23:06

Instrument :
 MSVOA_X
 ClientSampleId :
 PB112894ZHE#11

Tot Ion:114 Resp: 319815
 Ion Ratio Lower Upper
 114 100
 63 17.1 0.0 39.0
 88 12.4 0.0 30.4

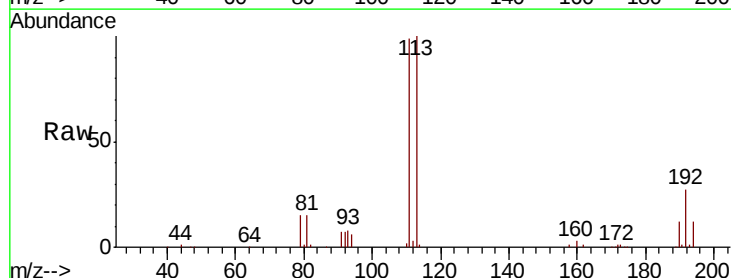


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

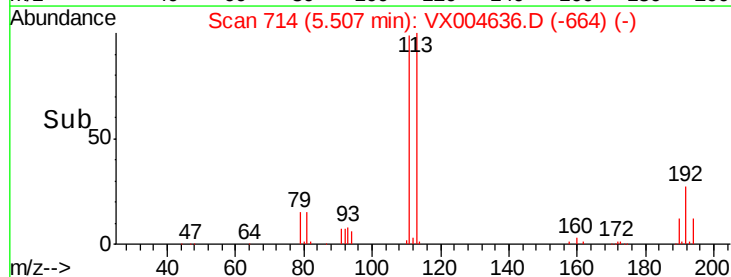
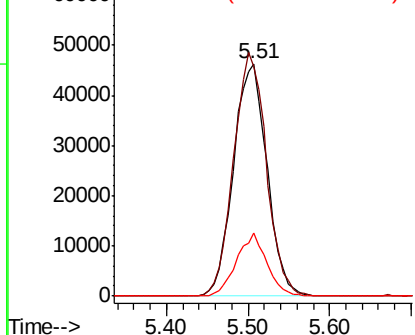


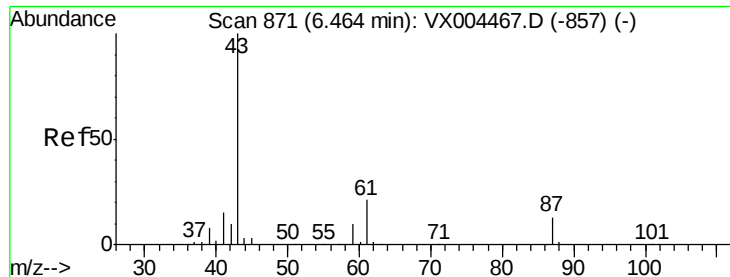
#35
 Dibromofluoromethane
 Concen: 45.08 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX004636.D
 Acq: 17 Sep 2018 23:06

Tgt Ion:113 Resp: 131934
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.4 123.6
 192 24.3 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



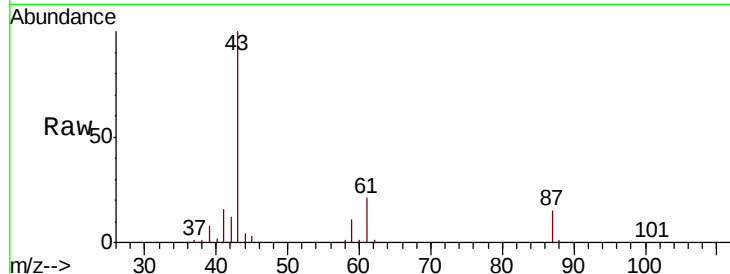


#43

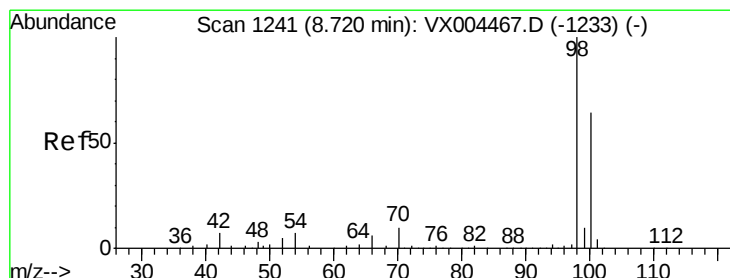
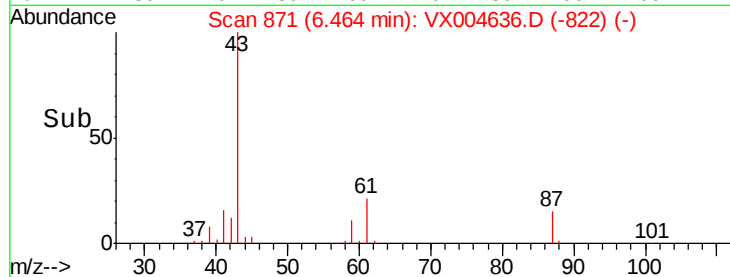
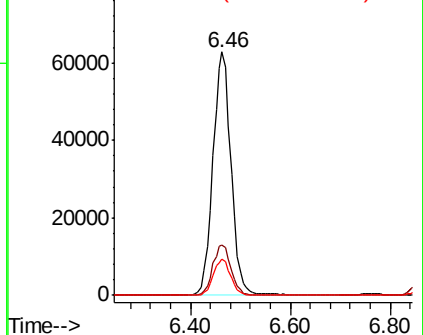
Isopropyl Acetate
 Concen: 27.03 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. -0.00 min
 Lab File: VX004636.D
 Acq: 17 Sep 2018 23:06

Instrument :
 MSVOA_X
 ClientSampleId :
 PB112894ZHE#11

Tot Ion: 43 Resp: 158554
 Ion Ratio Lower Upper
 43 100
 61 20.8 17.0 25.4
 87 14.3 11.4 17.2



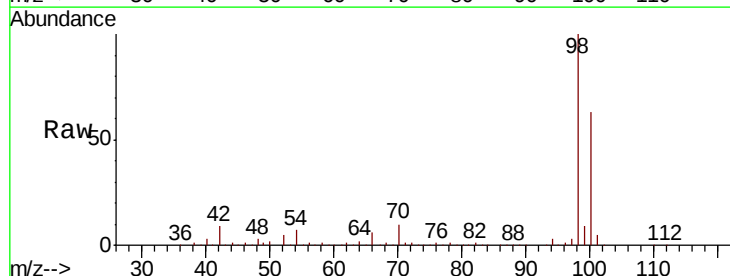
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



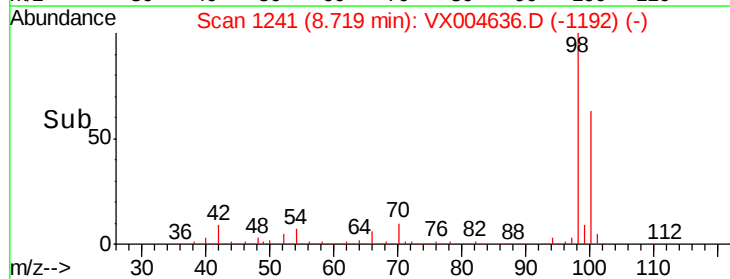
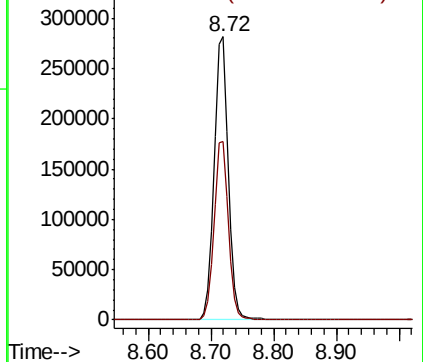
#50

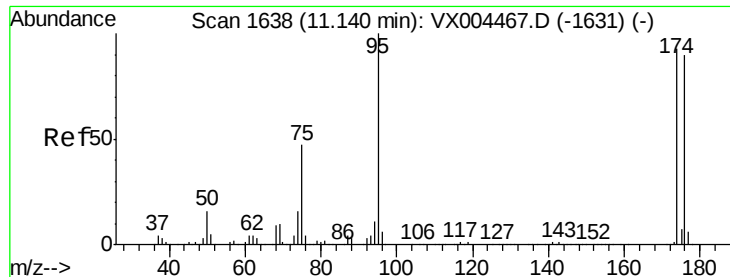
Toluene-d8
 Concen: 44.84 ug/l
 RT: 8.72 min Scan# 1241
 Delta R.T. -0.00 min
 Lab File: VX004636.D
 Acq: 17 Sep 2018 23:06

Tgt Ion: 98 Resp: 440034
 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: 43.92 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004636.D

Acq: 17 Sep 2018 23:06

Instrument :

MSVOA_X

ClientSampleId :

PB112894ZHE#11

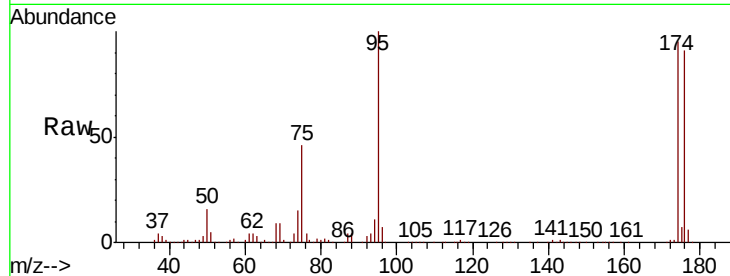
Tot Ion: 95 Resp: 153858

Ion Ratio Lower Upper

95 100

174 95.7 0.0 185.2

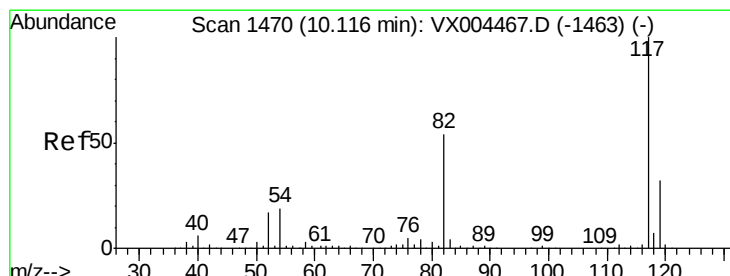
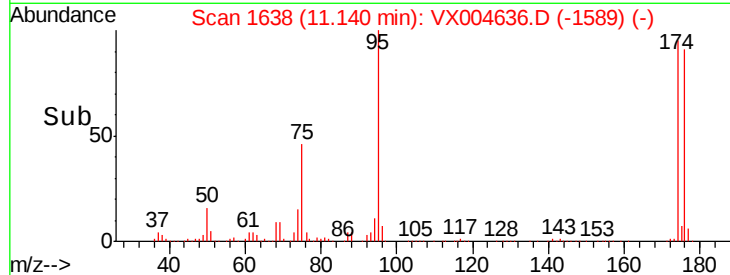
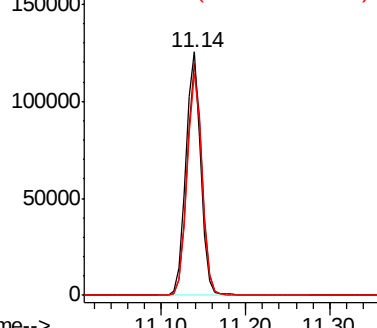
176 91.6 0.0 178.6



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: VX004636.D

Acq: 17 Sep 2018 23:06

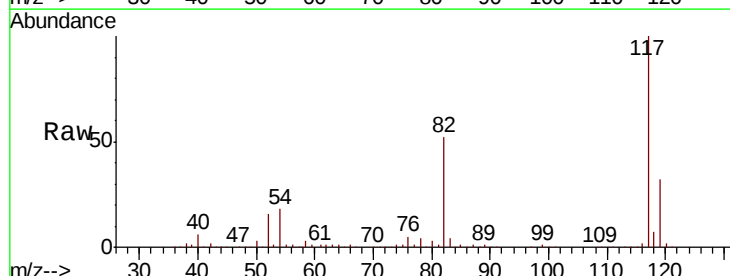
Tgt Ion: 117 Resp: 302056

Ion Ratio Lower Upper

117 100

82 52.2 47.8 71.6

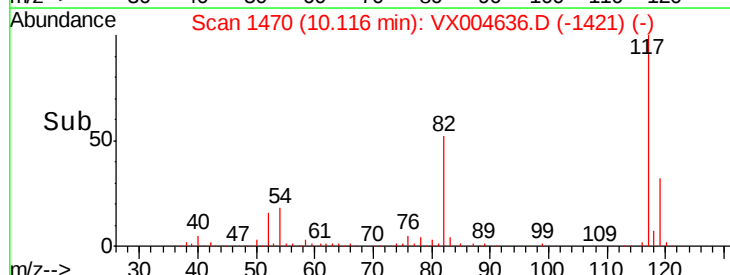
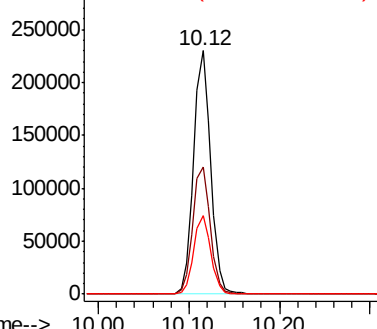
119 32.4 29.3 43.9

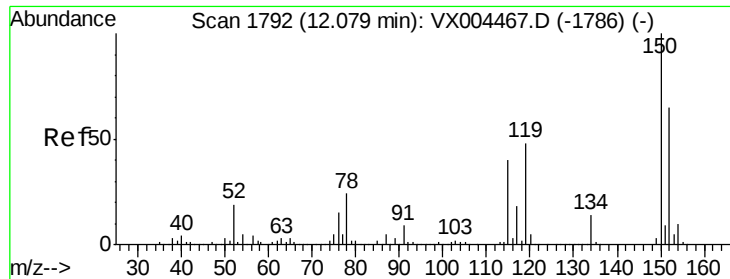


Abundance Ion 116.90 (116.60 to 117.60): V

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: VX004636.D

Acq: 17 Sep 2018 23:06

Instrument :

MSVOA_X

ClientSampleId :

PB112894ZHE#11

Tot Ion:152 Resp: 181114

Ion Ratio Lower Upper

152 100

115 56.1 39.0 117.0

150 159.7 0.0 351.0

