

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100418\
 Data File : VX004980.D
 Acq On : 03 Oct 2018 20:14
 Operator : JC/MD
 Sample : PB113446ZHE#06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB113446ZHE#06

Quant Time: Oct 04 03:08:56 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	276295	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	455535	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	444210	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	256600	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	191857	48.61	ug/l	0.00
Spiked Amount			Recovery	=	97.22%	
35) Dibromofluoromethane	5.51	113	168660	43.69	ug/l	0.00
Spiked Amount			Recovery	=	87.38%	
50) Toluene-d8	8.72	98	644141	50.19	ug/l	0.00
Spiked Amount			Recovery	=	100.38%	
62) 4-Bromofluorobenzene	11.14	95	247172	53.46	ug/l	0.00
Spiked Amount			Recovery	=	106.92%	

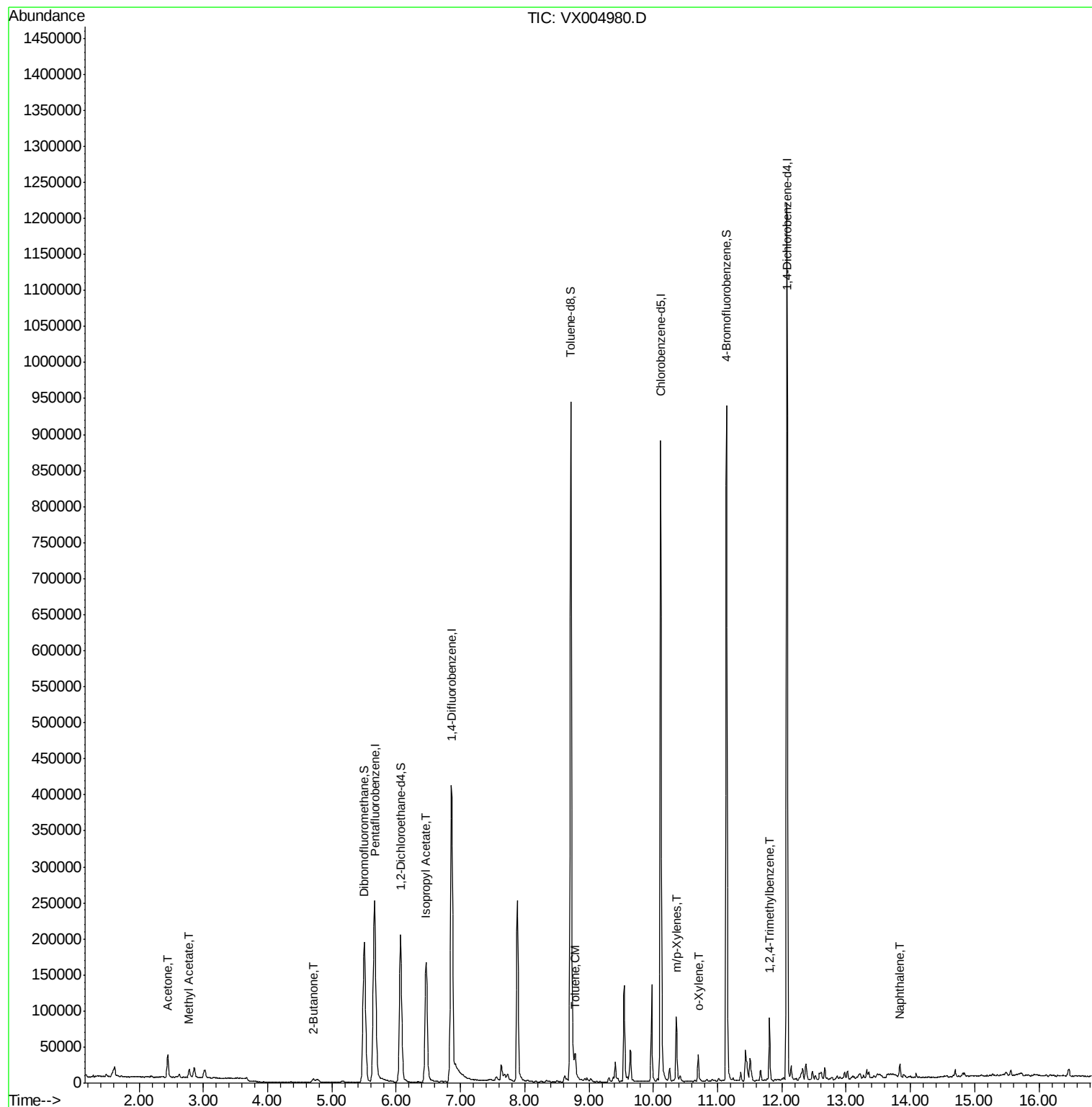
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	33596	14.580	ug/l	91
18) Methyl Acetate	2.78	43	14865	2.546	ug/l	97
25) 2-Butanone	4.71	43	8368	2.464	ug/l	97
43) Isopropyl Acetate	6.46	43	238023	23.585	ug/l	96
52) Toluene	8.79	92	9219	1.017	ug/l	93
68) m/p-Xylenes	10.36	106	21086	2.984	ug/l	94
69) o-Xylene	10.70	106	7321	1.128	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	39782	2.414	ug/l	98
95) Naphthalene	13.83	128	11602	1.255	ug/l	99

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

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX004980.D

Acq: 03 Oct 2018 20:14

Instrument :

MSVOA_X

ClientSampleId :

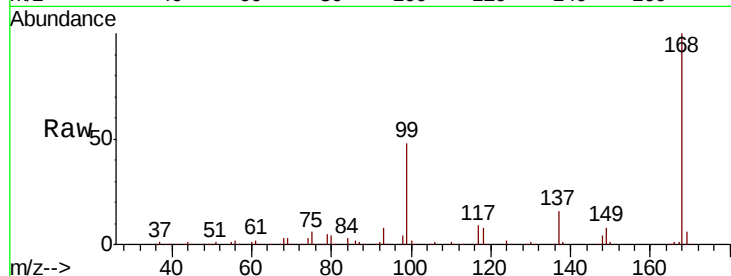
PB113446ZHE#06

Tot Ion:168 Resp: 276295

Ion Ratio Lower Upper

168 100

99 48.3 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

100000

80000

60000

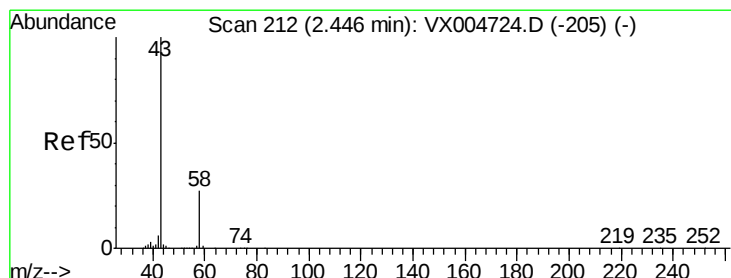
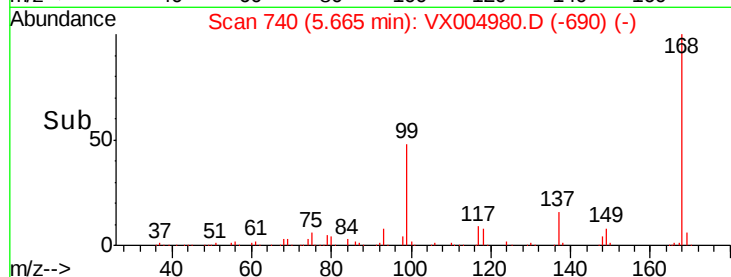
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 14.580 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX004980.D

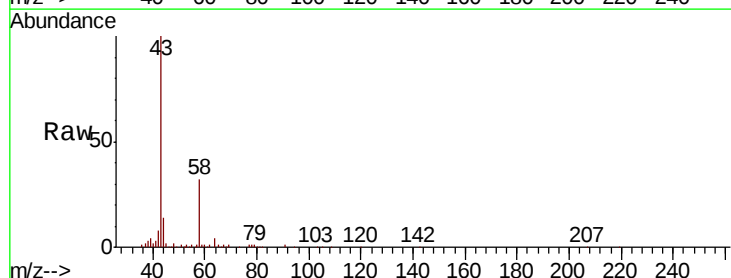
Acq: 03 Oct 2018 20:14

Tgt Ion: 43 Resp: 33596

Ion Ratio Lower Upper

43 100

58 31.9 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

20000

15000

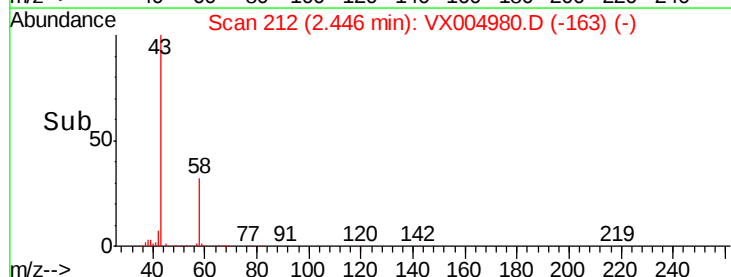
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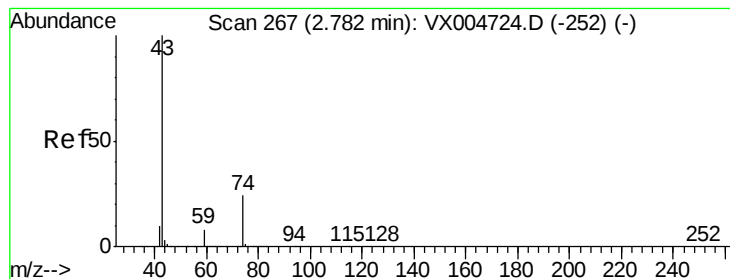
5000

0

Time-->

2.35 2.40 2.45 2.50 2.55





#18

Methvl Acetate

Concen: 2.546 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX004980.D

Acq: 03 Oct 2018 20:14

Instrument :

MSVOA_X

ClientSampleId :

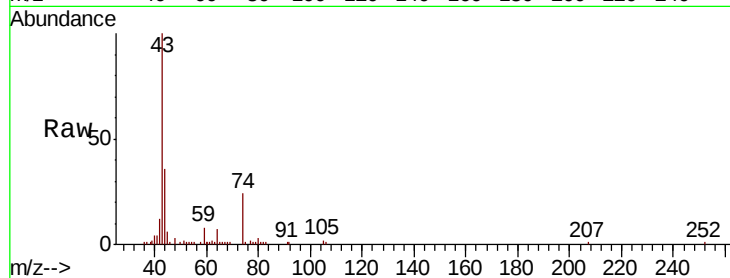
PB113446ZHE#06

Tot Ion: 43 Resp: 14865

Ion Ratio Lower Upper

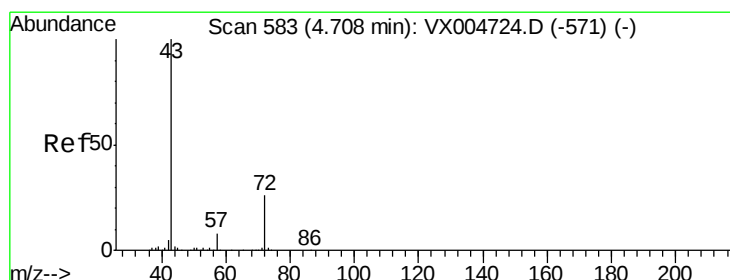
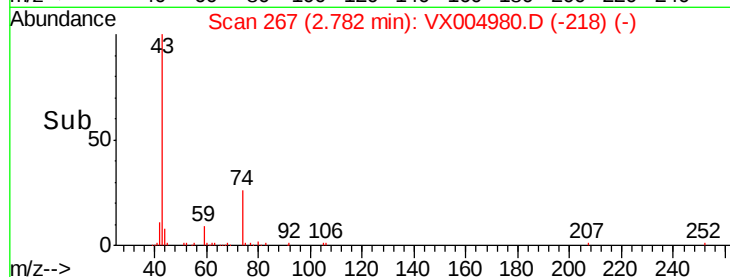
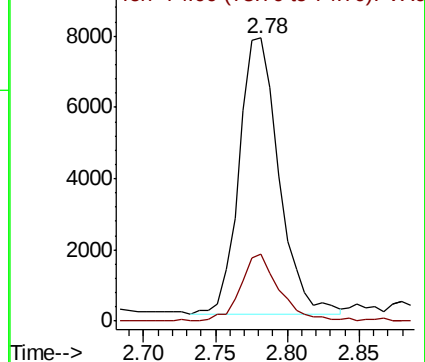
43 100

74 23.7 17.8 26.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



#25

2-Butanone

Concen: 2.464 ug/l

RT: 4.71 min Scan# 583

Delta R.T. 0.00 min

Lab File: VX004980.D

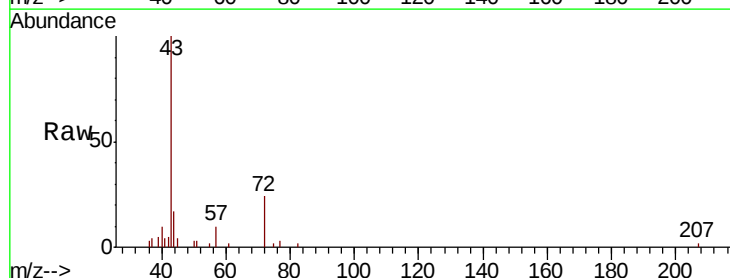
Acq: 03 Oct 2018 20:14

Tgt Ion: 43 Resp: 8368

Ion Ratio Lower Upper

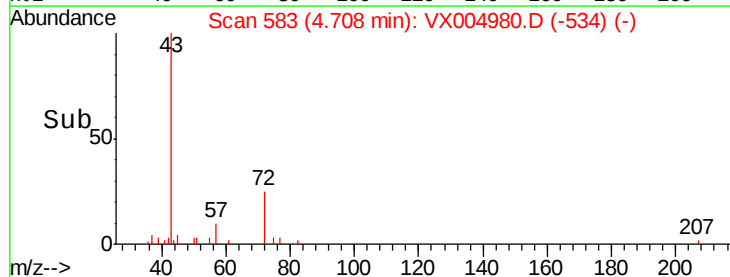
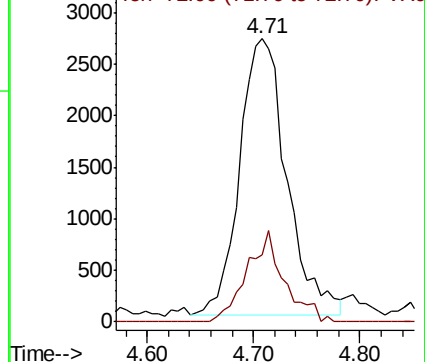
43 100

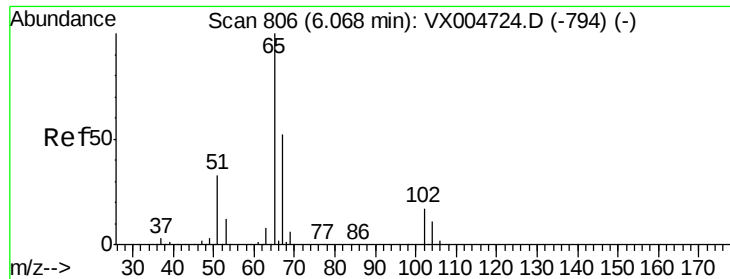
72 24.2 20.8 31.2



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: 48.610 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX004980.D

Acq: 03 Oct 2018 20:14

Instrument :

MSVOA_X

ClientSampleId :

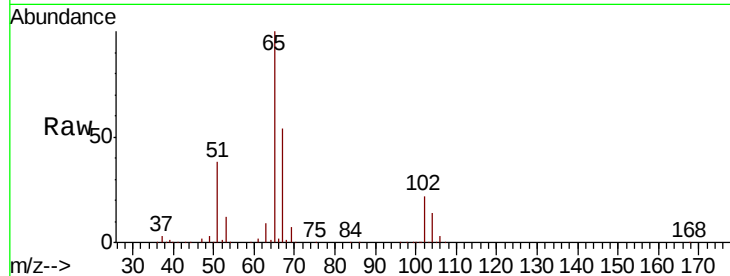
PB113446ZHE#06

Tot Ion: 65 Resp: 191857

Ion Ratio Lower Upper

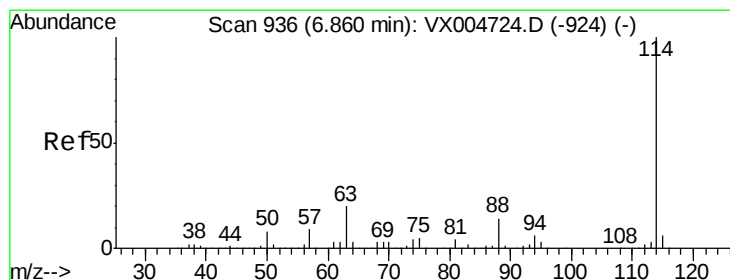
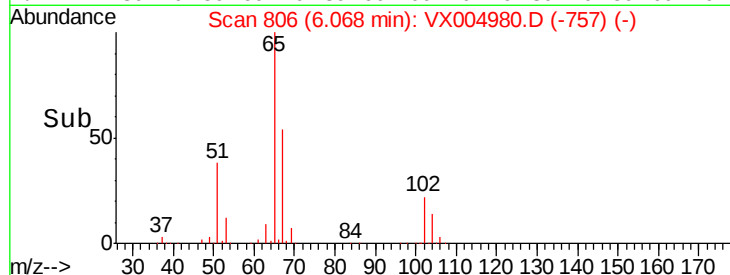
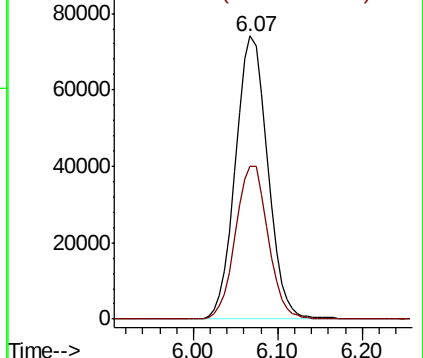
65 100

67 54.7 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX004980.D

Acq: 03 Oct 2018 20:14

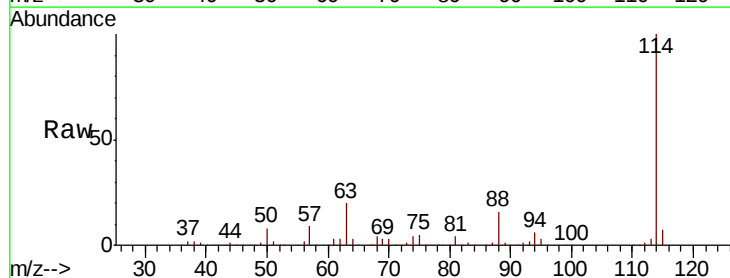
Tgt Ion: 114 Resp: 455535

Ion Ratio Lower Upper

114 100

63 20.2 0.0 39.8

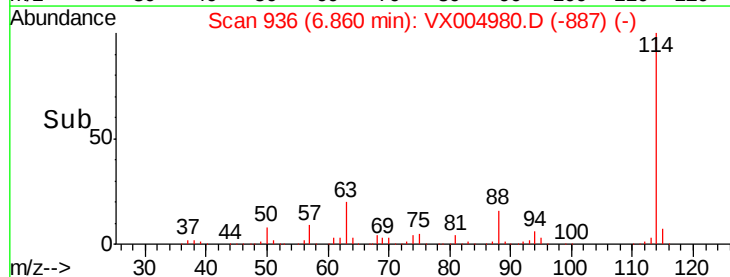
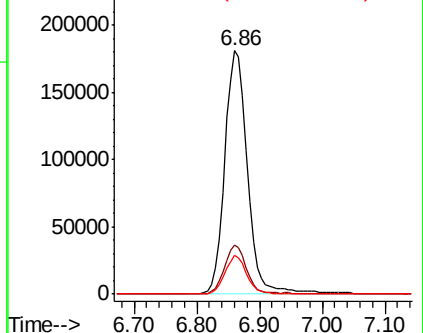
88 15.7 0.0 27.0

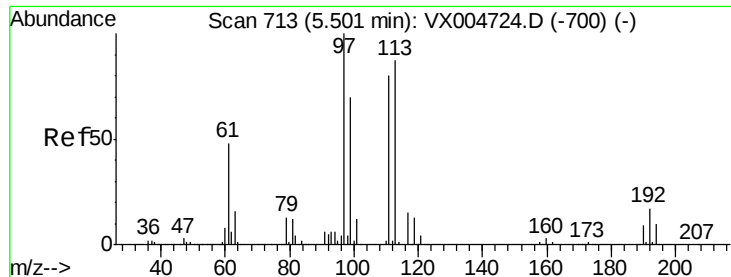


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

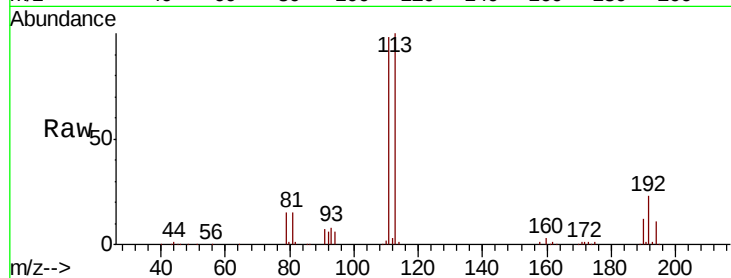




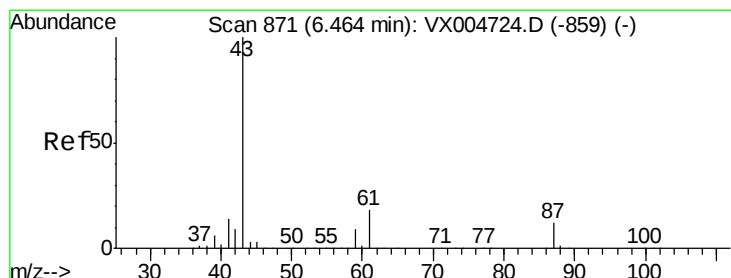
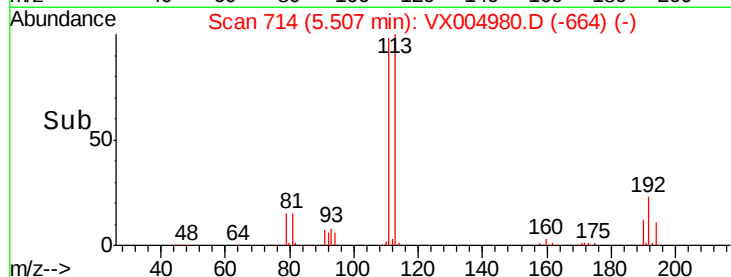
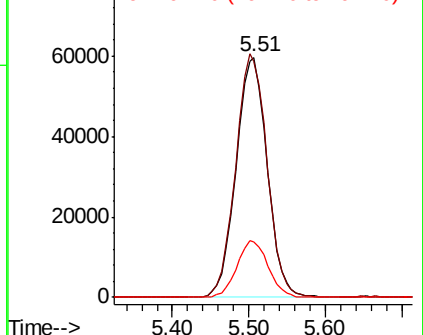
#35
 Dibromofluoromethane
 Concen: 43.686 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX004980.D
 Acq: 03 Oct 2018 20:14

Instrument :
 MSVOA_X
 ClientSampleId :
 PB113446ZHE#06

Tot Ion:113 Resp: 168660
 Ion Ratio Lower Upper
 113 100
 111 102.0 77.0 115.4
 192 23.7 17.0 25.6

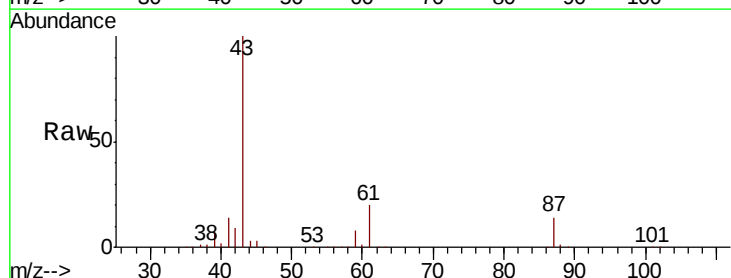


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

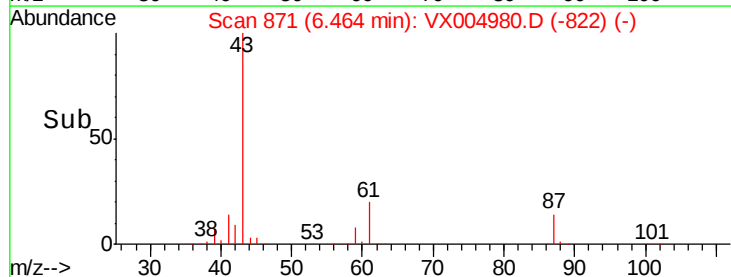
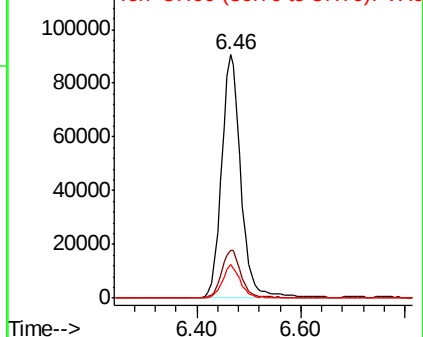


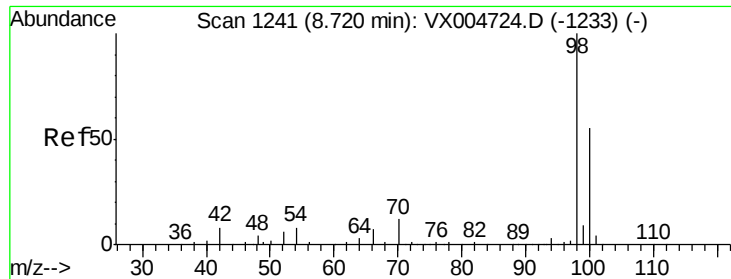
#43
 Isopropyl Acetate
 Concen: 23.585 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. 0.00 min
 Lab File: VX004980.D
 Acq: 03 Oct 2018 20:14

Tgt Ion: 43 Resp: 238023
 Ion Ratio Lower Upper
 43 100
 61 19.8 14.2 21.4
 87 12.7 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: 50.187 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. 0.00 min

Lab File: VX004980.D

Acq: 03 Oct 2018 20:14

Instrument :

MSVOA_X

ClientSampleId :

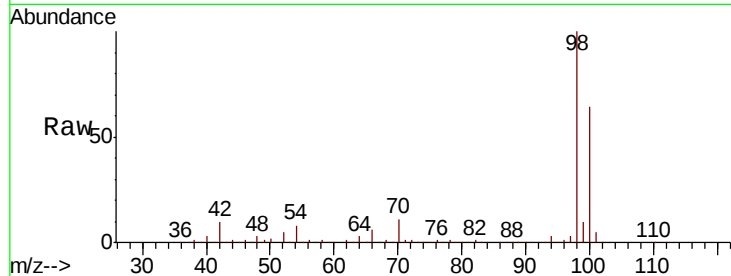
PB113446ZHE#06

Tot Ion: 98 Resp: 644141

Ion Ratio Lower Upper

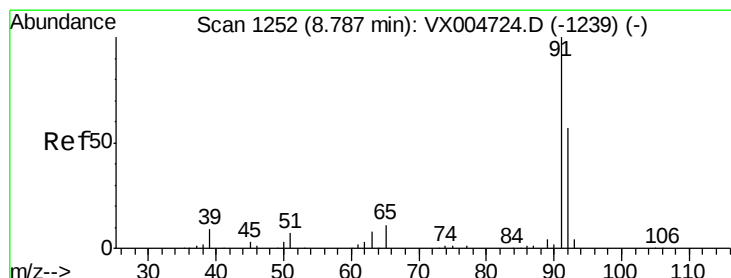
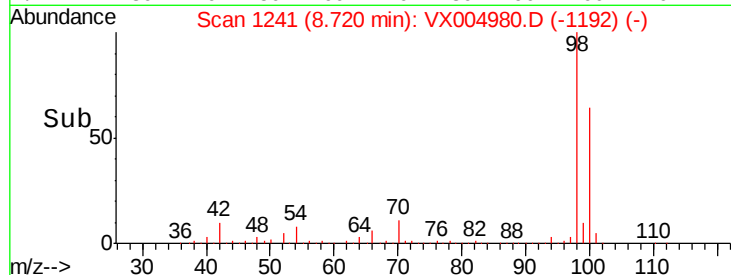
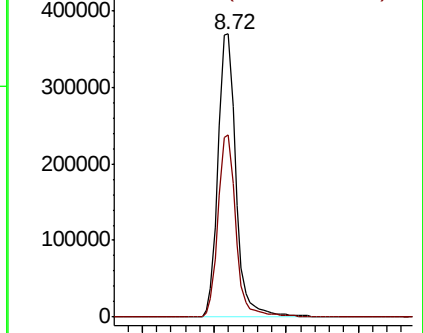
98 100

100 63.8 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#52

Toluene

Concen: 1.017 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX004980.D

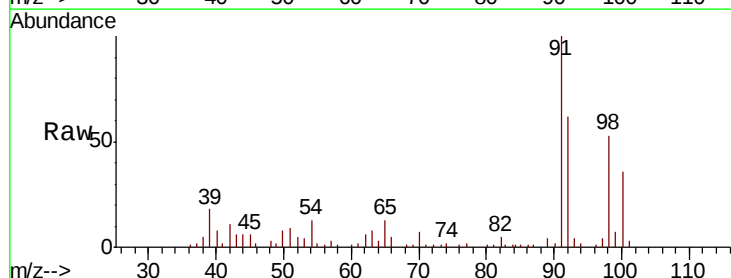
Acq: 03 Oct 2018 20:14

Tgt Ion: 92 Resp: 9219

Ion Ratio Lower Upper

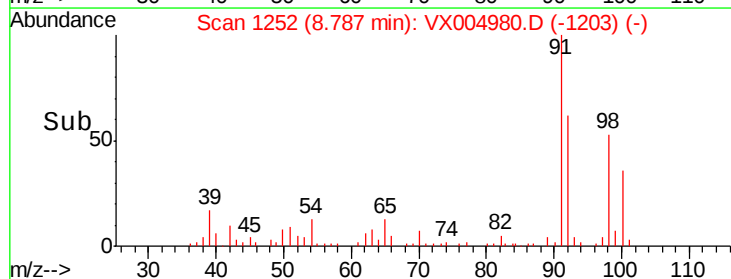
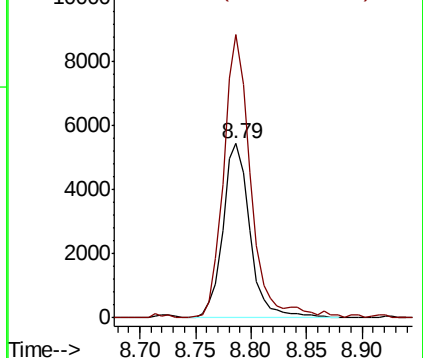
92 100

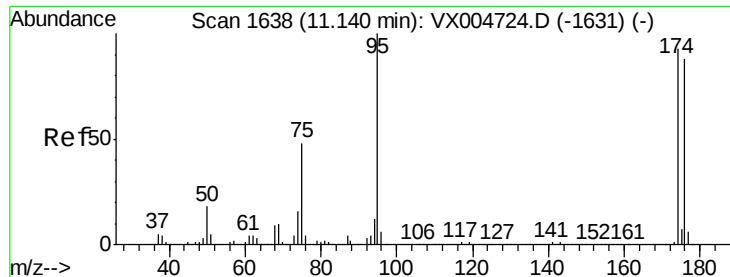
91 160.9 136.7 205.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#62

4-Bromofluorobenzene

Concen: 53.456 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX004980.D

Acq: 03 Oct 2018 20:14

Instrument :

MSVOA_X

ClientSampleId :

PB113446ZHE#06

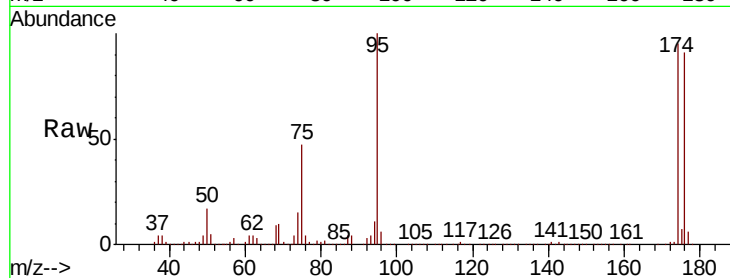
Tot Ion: 95 Resp: 247172

Ion Ratio Lower Upper

95 100

174 91.1 0.0 185.0

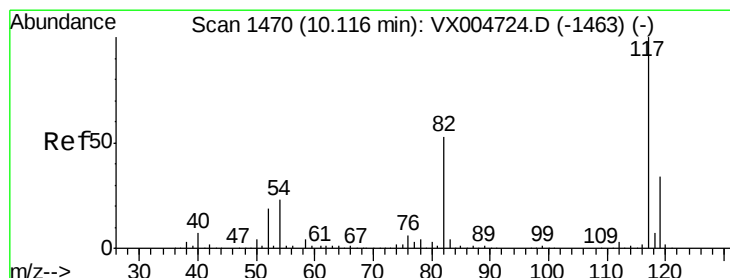
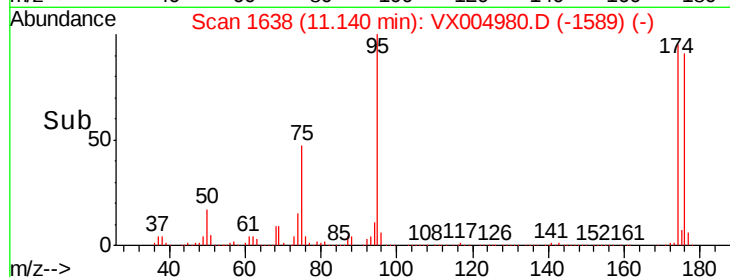
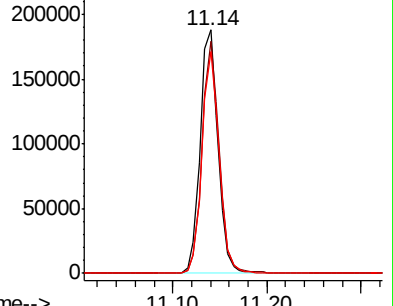
176 88.0 0.0 180.2



Abundance Ion 94.90 (94.60 to 95.60): VX004724.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX004724.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX004724.D (-1631) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX004980.D

Acq: 03 Oct 2018 20:14

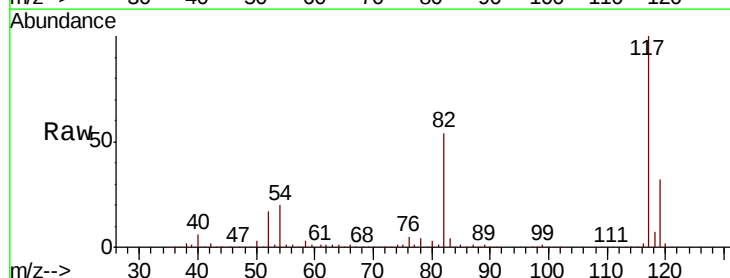
Tgt Ion: 117 Resp: 444210

Ion Ratio Lower Upper

117 100

82 54.0 42.2 63.4

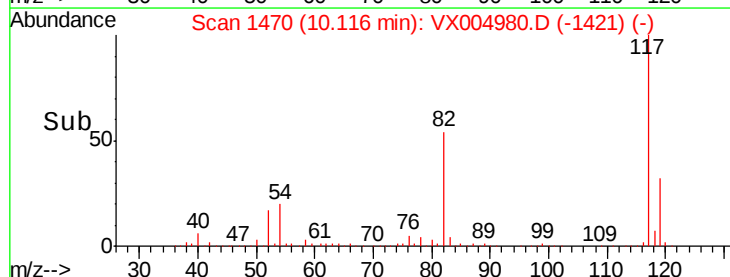
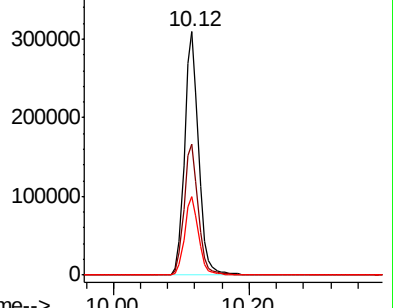
119 32.1 27.4 41.0

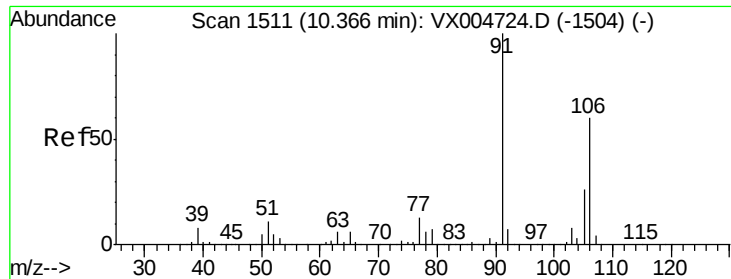


Abundance Ion 116.90 (116.60 to 117.60): VX004724.D (-1463) (-)

Ion 82.00 (81.70 to 82.70): VX004724.D (-1463) (-)

Ion 118.90 (118.60 to 119.60): VX004724.D (-1463) (-)

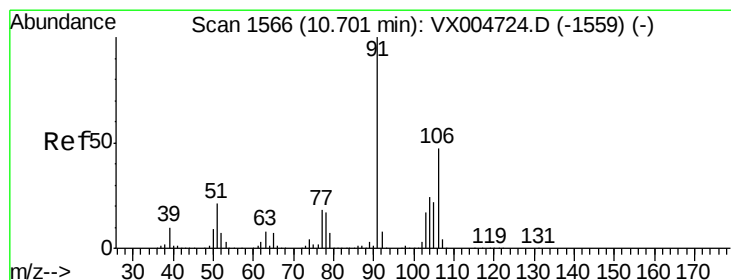
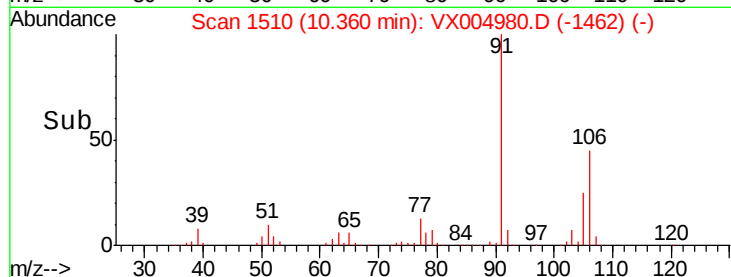
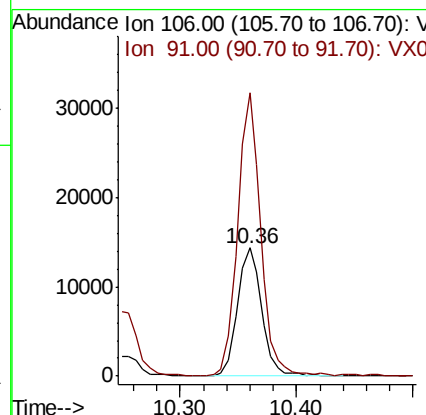
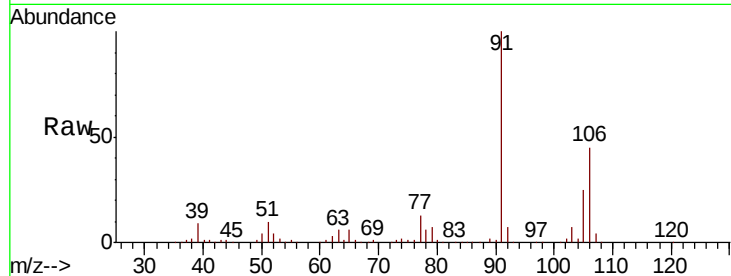




#68
m/p-Xylenes
Concen: 2.984 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX004980.D
Acq: 03 Oct 2018 20:14

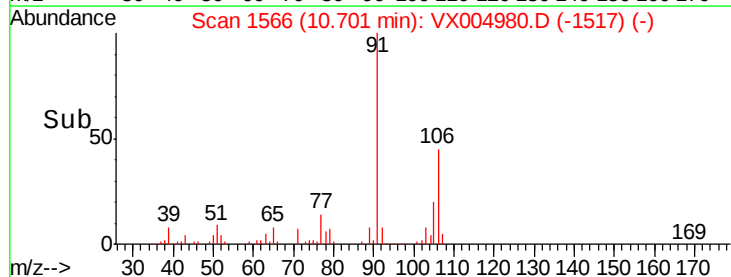
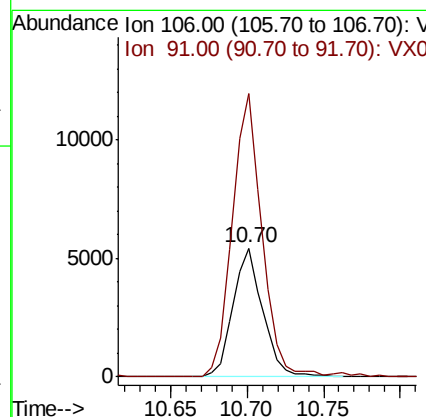
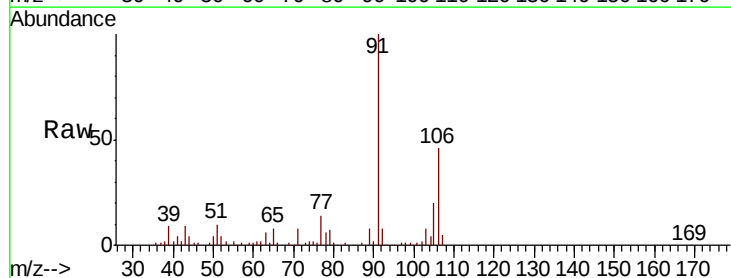
Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#06

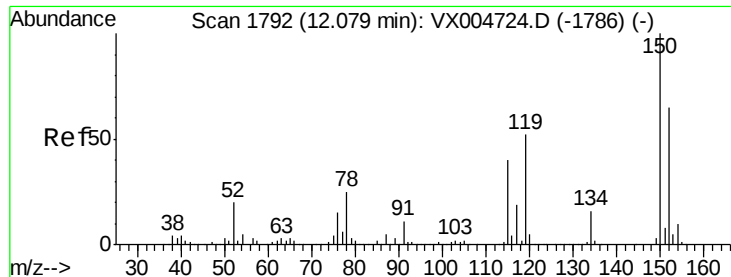
Tot Ion:106 Resp: 21086
Ion Ratio Lower Upper
106 100
91 206.4 157.5 236.3



#69
o-Xylene
Concen: 1.128 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX004980.D
Acq: 03 Oct 2018 20:14

Tgt Ion:106 Resp: 7321
Ion Ratio Lower Upper
106 100
91 219.4 108.3 324.8



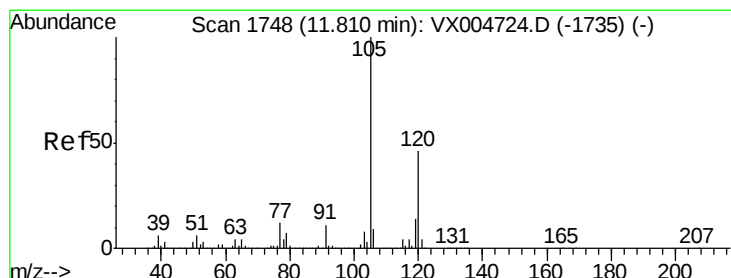
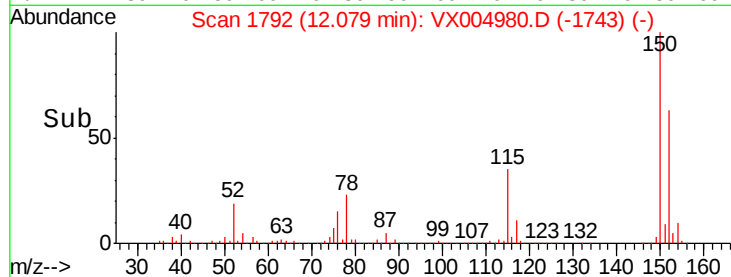
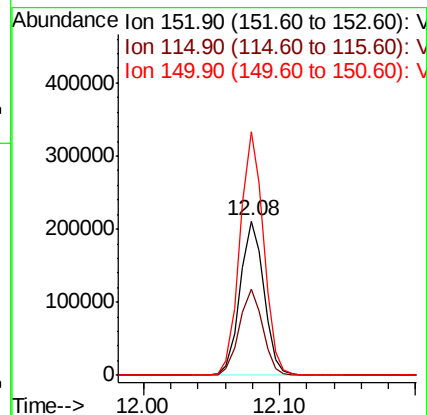
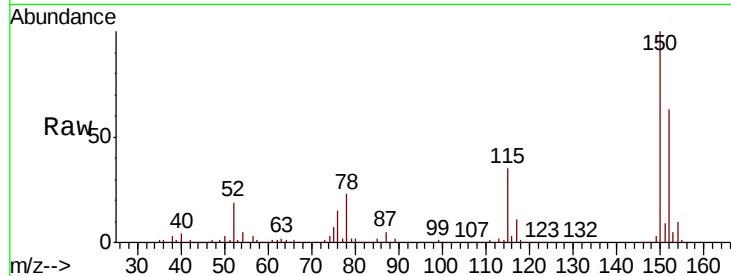


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX004980.D
Acq: 03 Oct 2018 20:14

Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#06

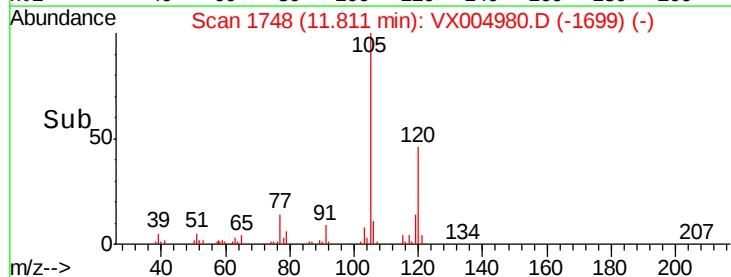
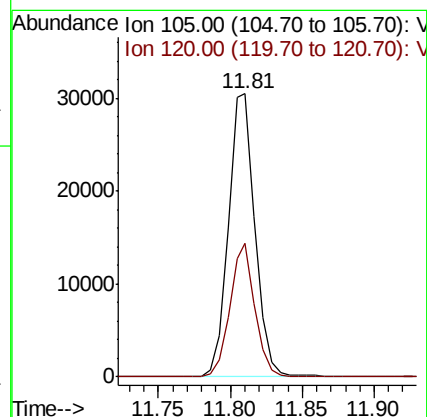
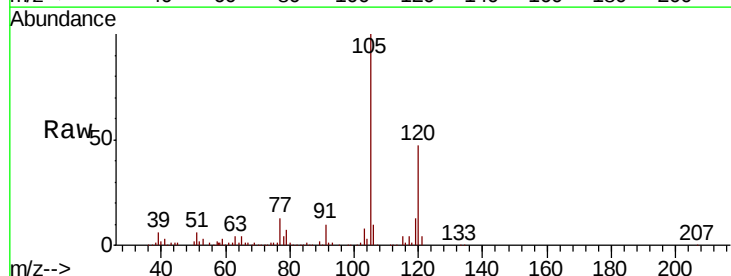
Tot Ion:152 Resp: 256600
Ion Ratio Lower Upper
152 100
115 55.2 40.2 120.6
150 157.1 0.0 351.0

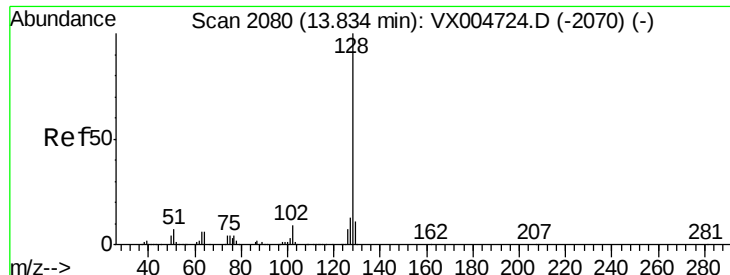


#84

1,2,4-Trimethylbenzene
Concen: 2.414 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. 0.00 min
Lab File: VX004980.D
Acq: 03 Oct 2018 20:14

Tgt Ion:105 Resp: 39782
Ion Ratio Lower Upper
105 100
120 43.9 22.8 68.3





#95
Naphthalene
Concen: 1.255 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX004980.D
Acq: 03 Oct 2018 20:14

Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#06

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.4	15.6
129	11.3	8.7	13.1

