

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100418\
 Data File : VX005009.D
 Acq On : 04 Oct 2018 10:01
 Operator : JC/MD
 Sample : PB113446ZHE#01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB113446ZHE#01

Quant Time: Oct 04 11:58:53 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	263520	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	429739	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	408457	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	231252	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	188334	50.03	ug/l	0.00
Spiked Amount			Recovery	=	100.06%	
35) Dibromofluoromethane	5.51	113	161711	44.40	ug/l	0.00
Spiked Amount			Recovery	=	88.80%	
50) Toluene-d8	8.72	98	596081	49.23	ug/l	0.00
Spiked Amount			Recovery	=	98.46%	
62) 4-Bromofluorobenzene	11.14	95	219842	50.40	ug/l	0.00
Spiked Amount			Recovery	=	100.80%	

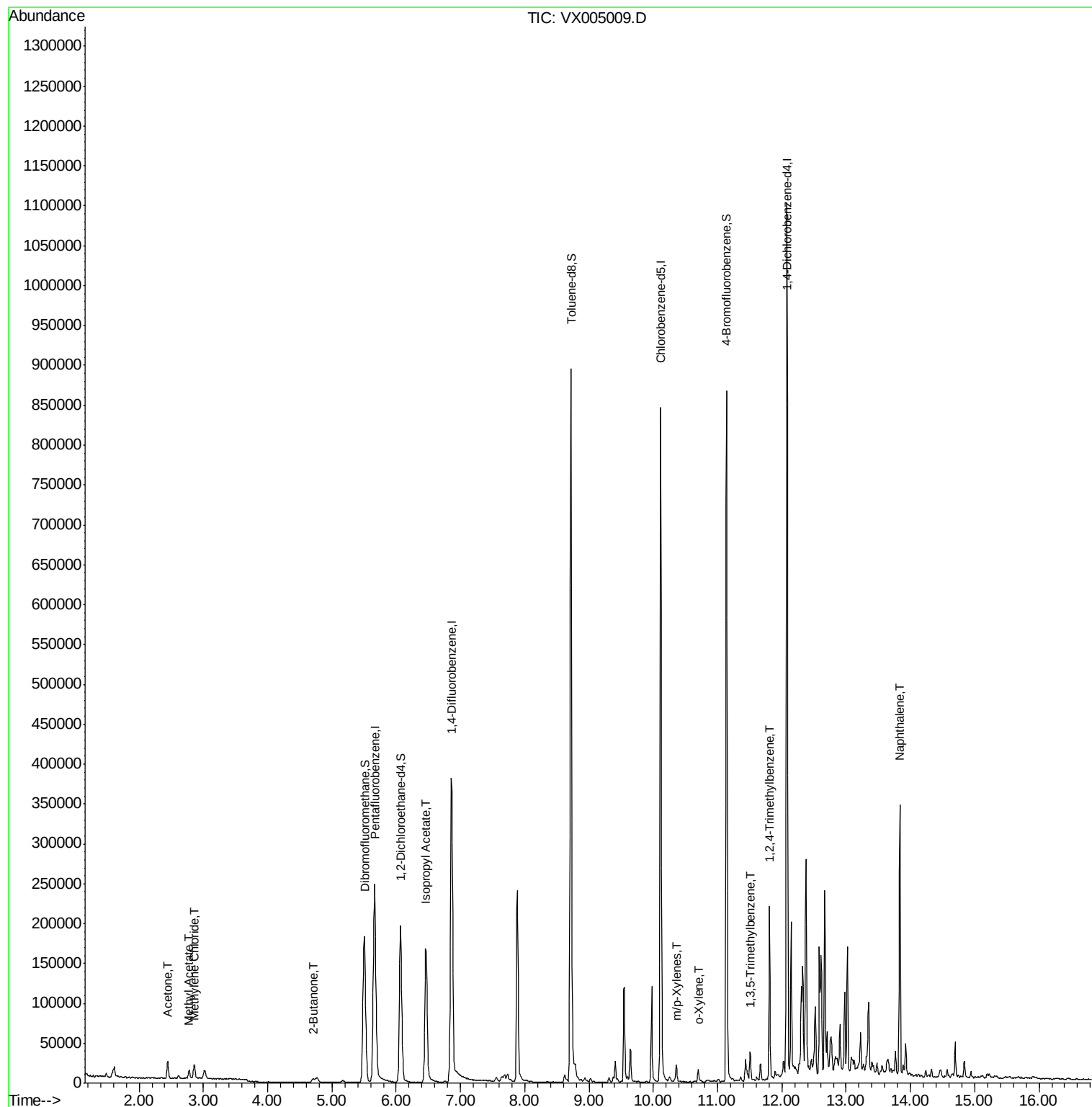
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	22925	10.431	ug/l	95
18) Methyl Acetate	2.78	43	13989	2.512	ug/l	99
20) Methylene Chloride	2.86	84	8123	1.732	ug/l	92
25) 2-Butanone	4.71	43	8209	2.534	ug/l	99
43) Isopropyl Acetate	6.46	43	239654	25.173	ug/l	96
68) m/p-Xylenes	10.36	106	5101	0.785	ug/l	96
69) o-Xylene	10.70	106	2718	0.455	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	14577	0.897	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	98039	6.946	ug/l	99
95) Naphthalene	13.83	128	202265	11.083	ug/l	100

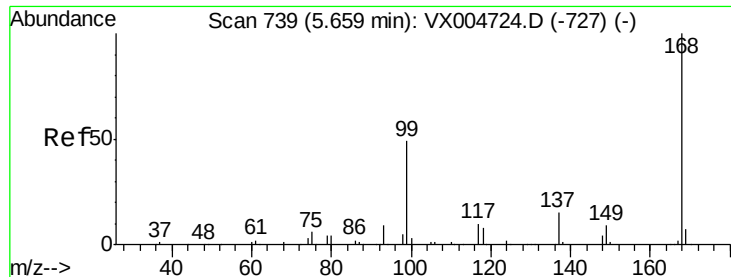
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 04 11:58:53 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
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: VX005009.D

Acq: 04 Oct 2018 10:01

Instrument :

MSVOA_X

ClientSampleId :

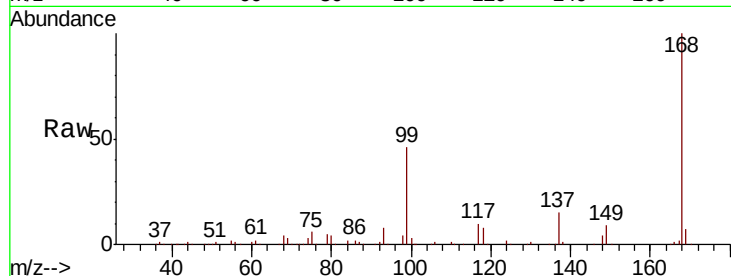
PB113446ZHE#01

Tot Ion:168 Resp: 263520

Ion Ratio Lower Upper

168 100

99 46.3 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): VX004724.D (-727) (-)

Ion 98.90 (98.60 to 99.60): VX004724.D (-727) (-)

5.67

100000

80000

60000

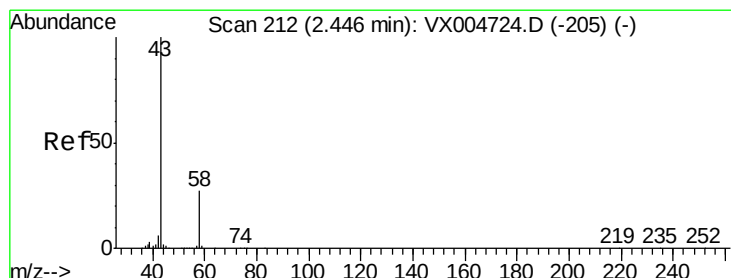
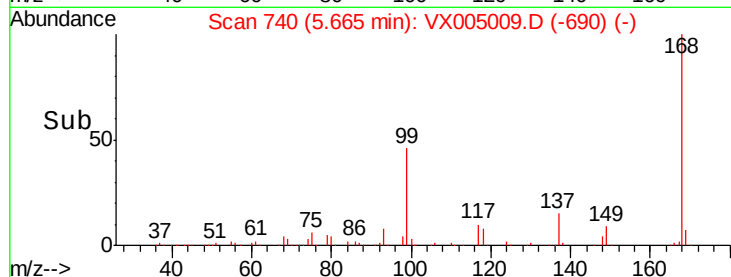
40000

20000

0

5.50 5.60 5.70 5.80 5.90

Time-->



#16

Acetone

Concen: 10.431 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX005009.D

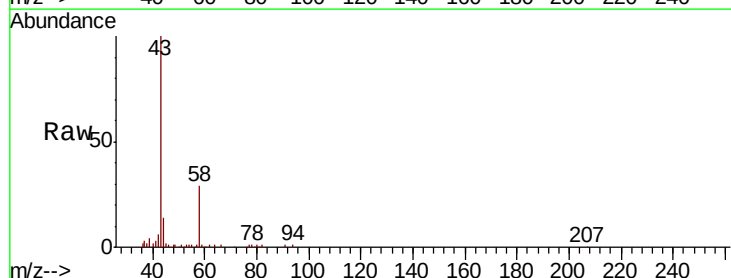
Acq: 04 Oct 2018 10:01

Tgt Ion: 43 Resp: 22925

Ion Ratio Lower Upper

43 100

58 29.7 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VX004724.D (-205) (-)

Ion 58.00 (57.70 to 58.70): VX004724.D (-205) (-)

2.45

15000

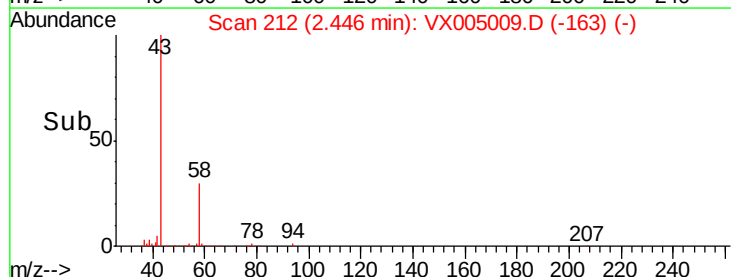
10000

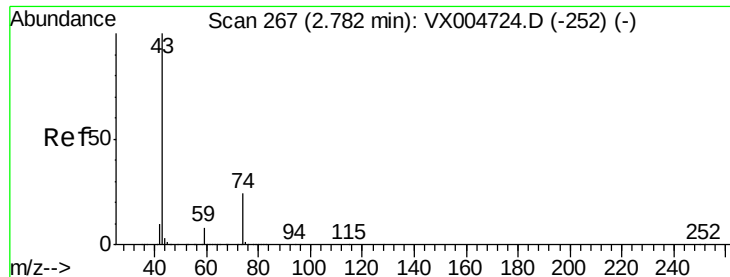
5000

0

2.35 2.40 2.45 2.50

Time-->

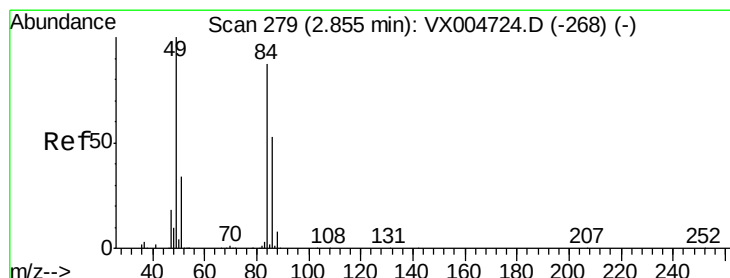
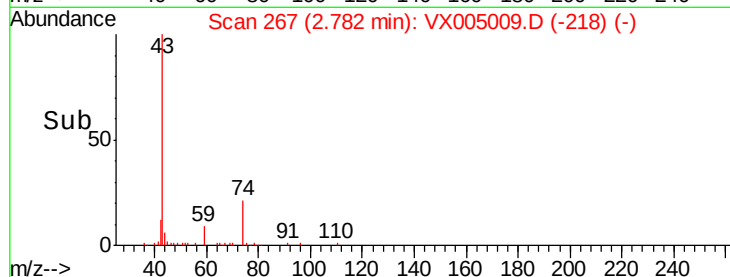
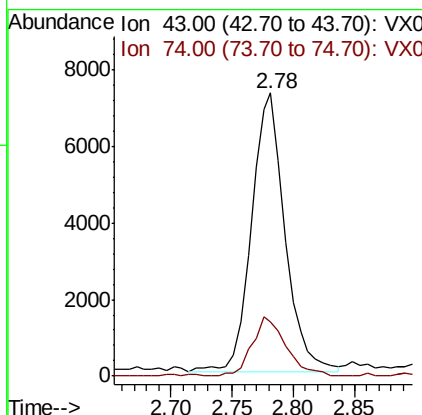
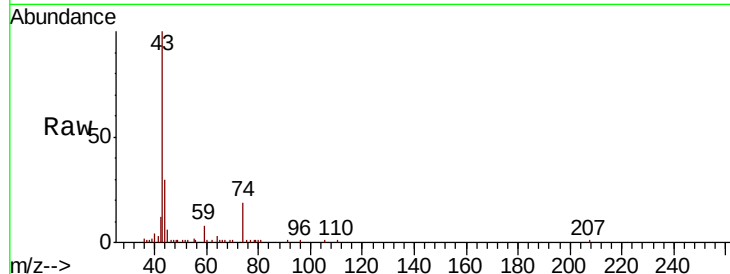




#18
Methvl Acetate
Concen: 2.512 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX005009.D
Acq: 04 Oct 2018 10:01

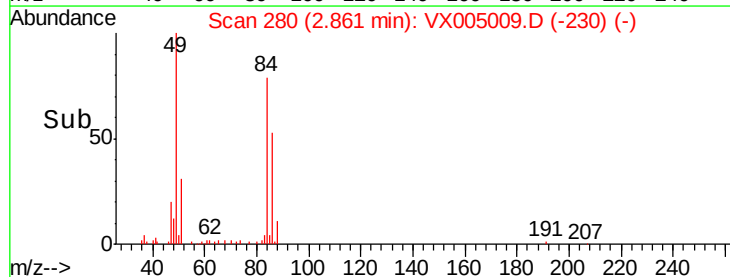
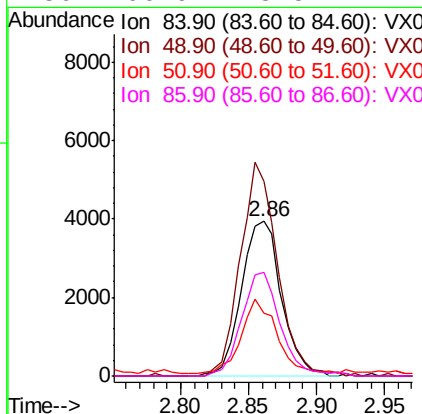
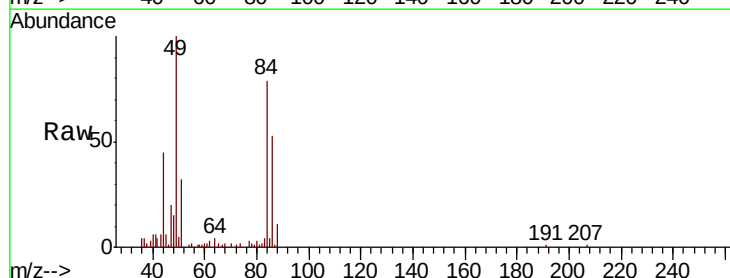
Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#01

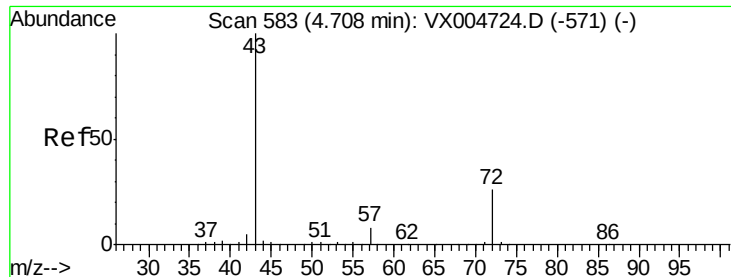
Tot Ion: 43 Resp: 13989
Ion Ratio Lower Upper
43 100
74 21.7 17.8 26.8



#20
Methylene Chloride
Concen: 1.732 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX005009.D
Acq: 04 Oct 2018 10:01

Tgt Ion: 84 Resp: 8123
Ion Ratio Lower Upper
84 100
49 126.4 92.3 138.5
51 38.7 31.8 47.6
86 66.9 48.5 72.7





#25

2-Butanone

Concen: 2.534 ug/l

RT: 4.71 min Scan# 583

Delta R.T. 0.00 min

Lab File: VX005009.D

Acq: 04 Oct 2018 10:01

Instrument :

MSVOA_X

ClientSampleId :

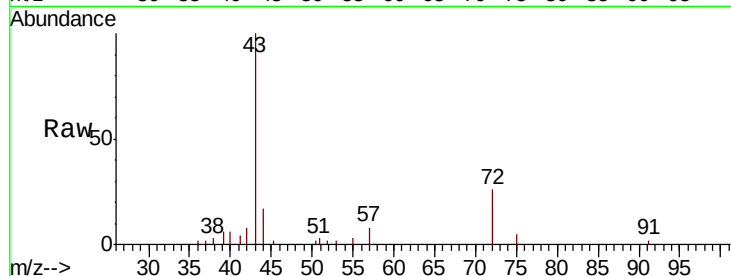
PB113446ZHE#01

Tot Ion: 43 Resp: 8209

Ion Ratio Lower Upper

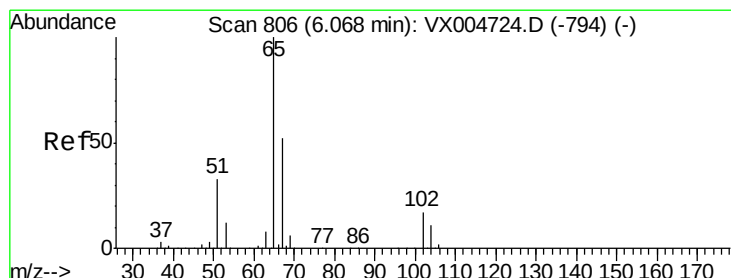
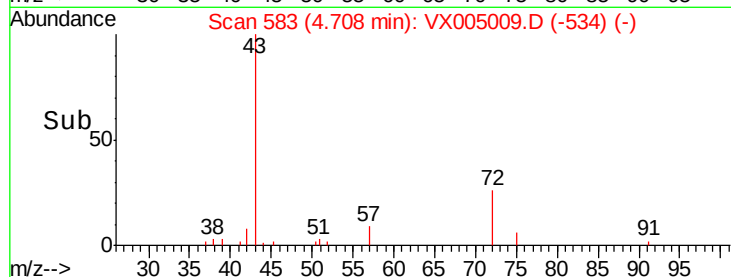
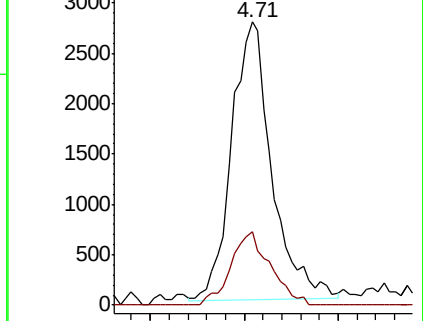
43 100

72 26.6 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: 50.030 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX005009.D

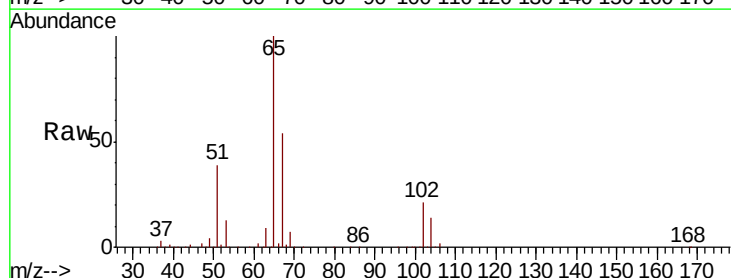
Acq: 04 Oct 2018 10:01

Tgt Ion: 65 Resp: 188334

Ion Ratio Lower Upper

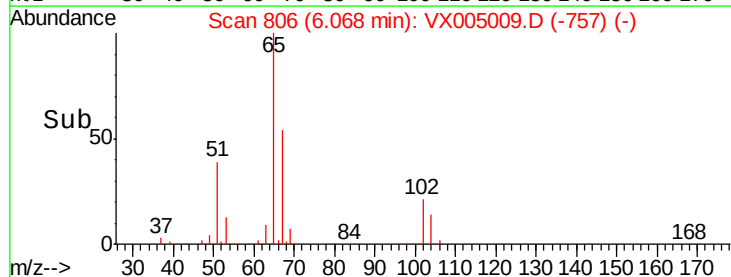
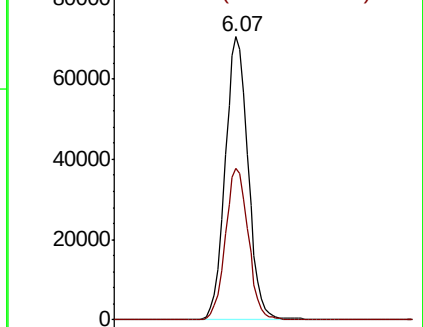
65 100

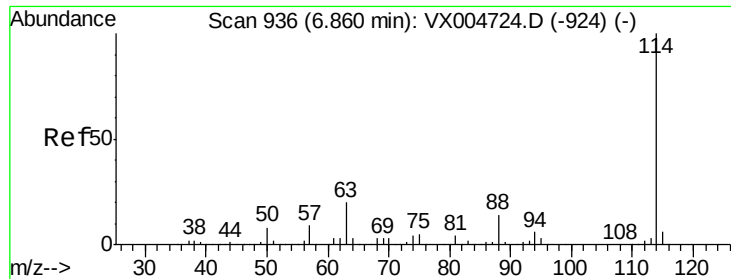
67 53.6 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

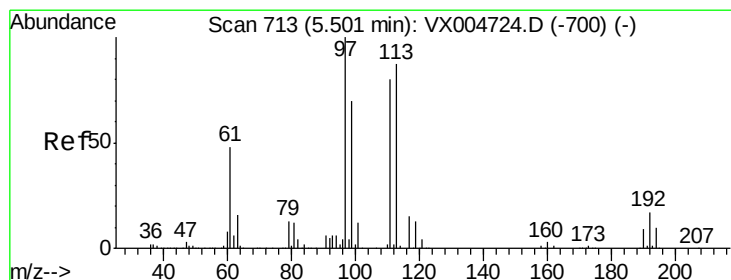
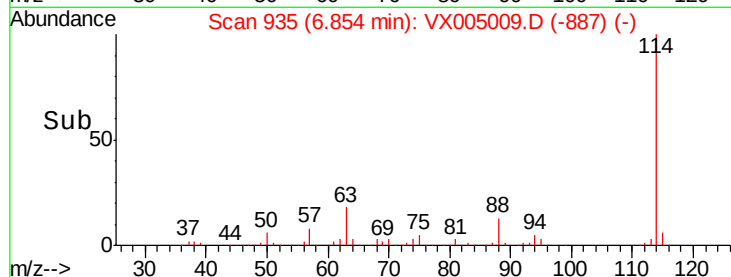
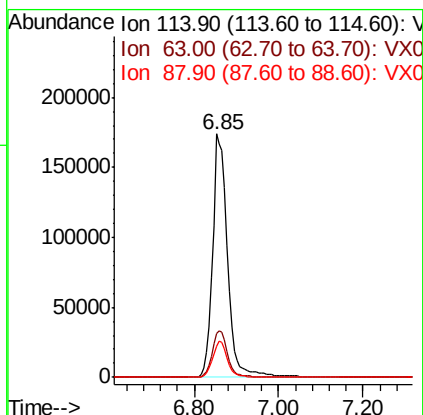
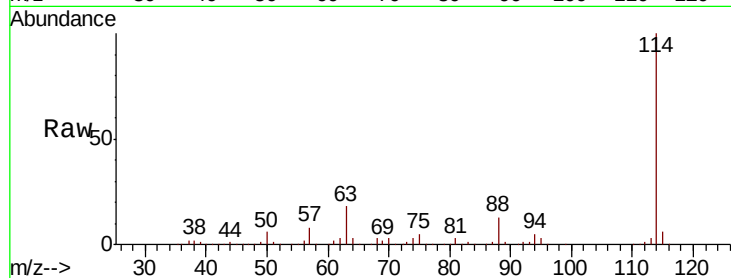




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX005009.D
 Acq: 04 Oct 2018 10:01

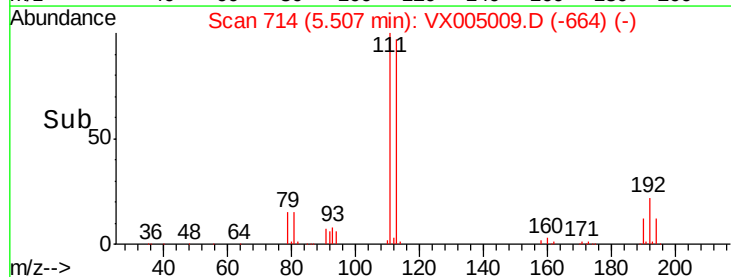
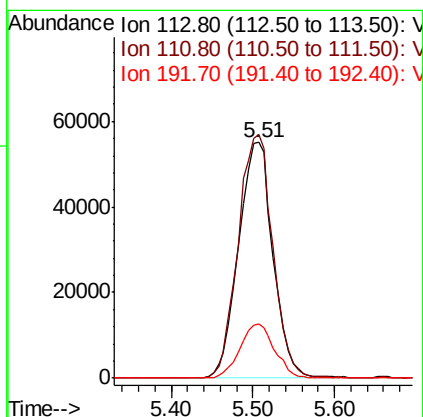
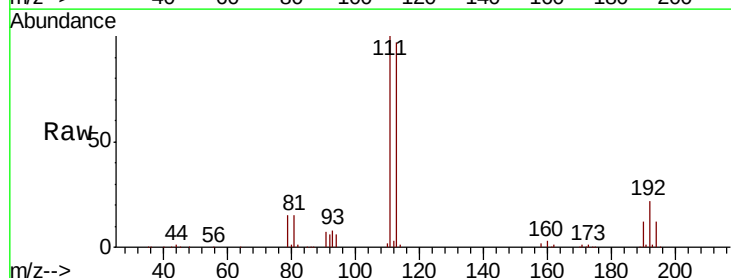
Instrument :
 MSVOA_X
 ClientSampleId :
 PB113446ZHE#01

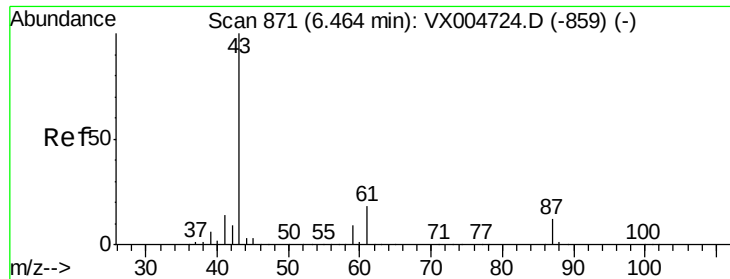
Tot Ion:114 Resp: 429739
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 39.8
 88 12.8 0.0 27.0



#35
 Dibromofluoromethane
 Concen: 44.401 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX005009.D
 Acq: 04 Oct 2018 10:01

Tgt Ion:113 Resp: 161711
 Ion Ratio Lower Upper
 113 100
 111 103.8 77.0 115.4
 192 23.2 17.0 25.6





#43

Isopropyl Acetate

Concen: 25.173 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.01 min

Lab File: VX005009.D

Acq: 04 Oct 2018 10:01

Instrument :

MSVOA_X

ClientSampleId :

PB113446ZHE#01

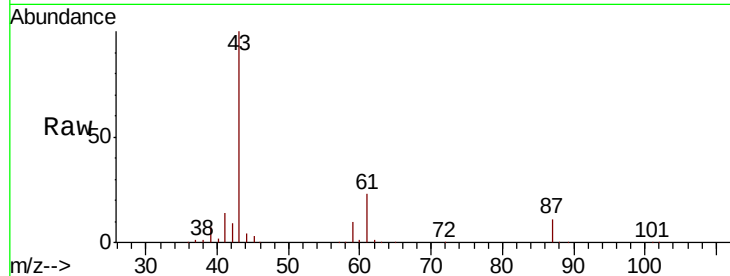
Tot Ion: 43 Resp: 239654

Ion Ratio Lower Upper

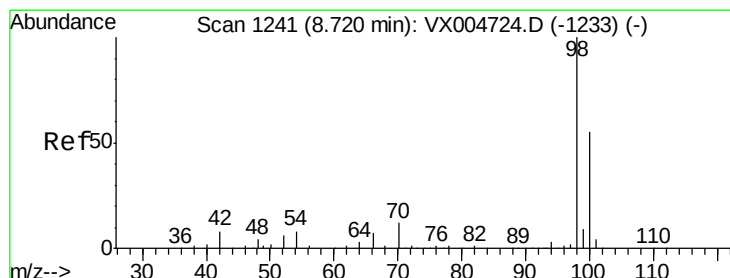
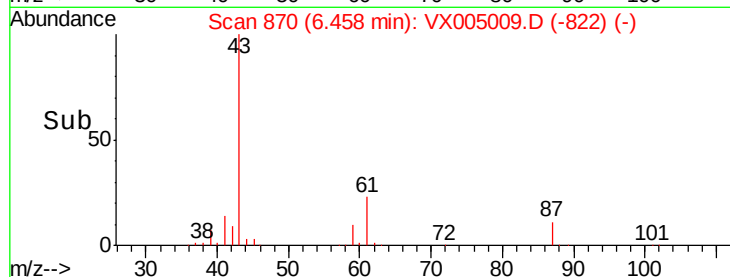
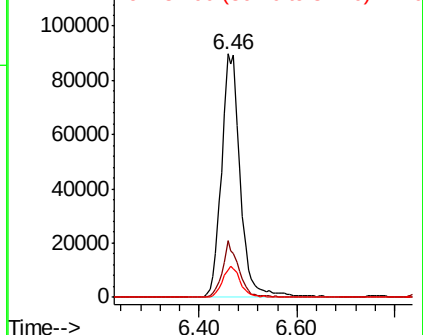
43 100

61 20.0 14.2 21.4

87 12.0 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: 49.230 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. 0.00 min

Lab File: VX005009.D

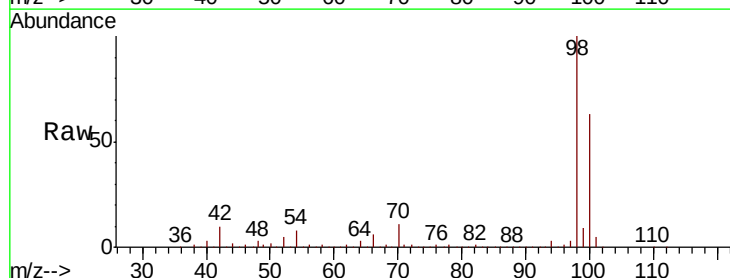
Acq: 04 Oct 2018 10:01

Tgt Ion: 98 Resp: 596081

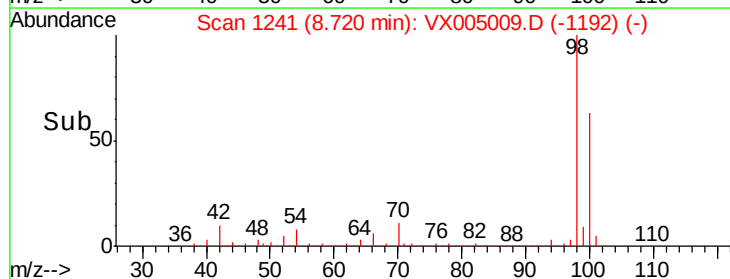
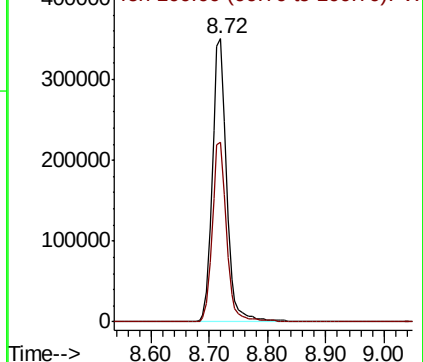
Ion Ratio Lower Upper

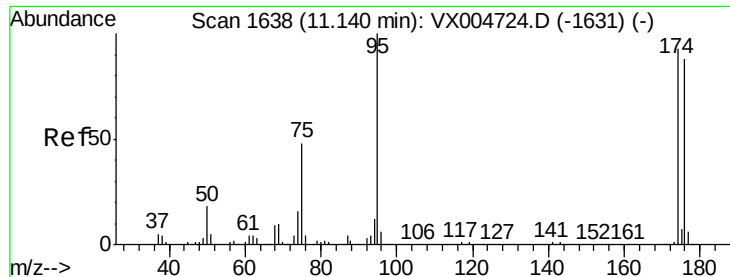
98 100

100 63.6 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 50.399 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX005009.D

Acq: 04 Oct 2018 10:01

Instrument :

MSVOA_X

ClientSampleId :

PB113446ZHE#01

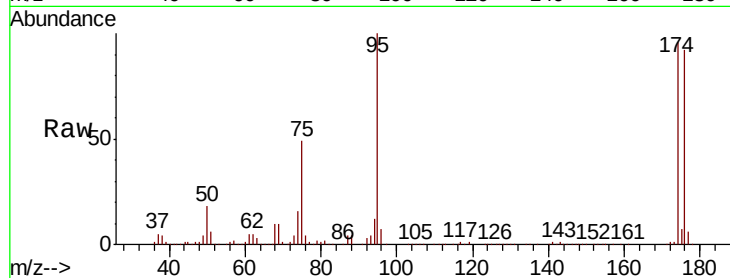
Tot Ion: 95 Resp: 219842

Ion Ratio Lower Upper

95 100

174 92.1 0.0 185.0

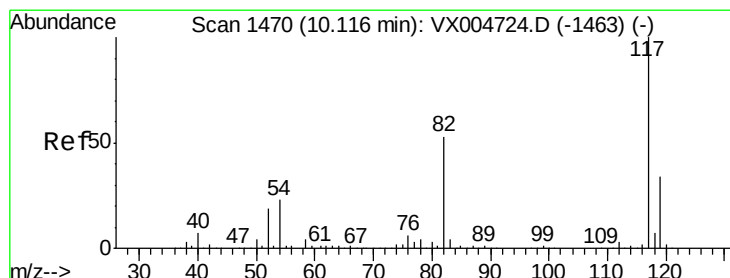
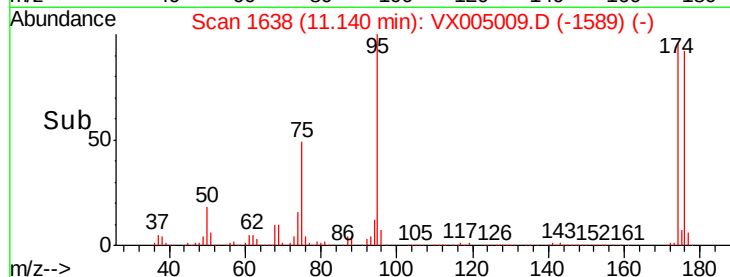
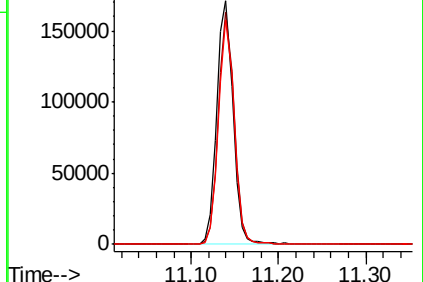
176 88.6 0.0 180.2



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: VX005009.D

Acq: 04 Oct 2018 10:01

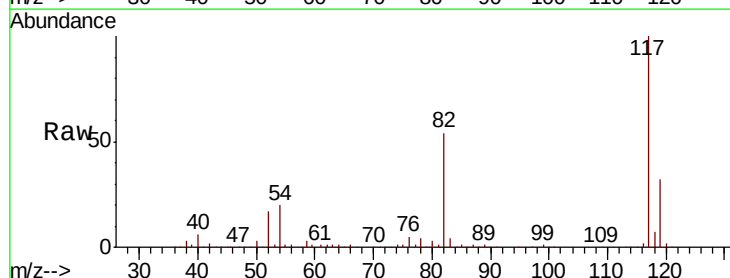
Tgt Ion: 117 Resp: 408457

Ion Ratio Lower Upper

117 100

82 54.3 42.2 63.4

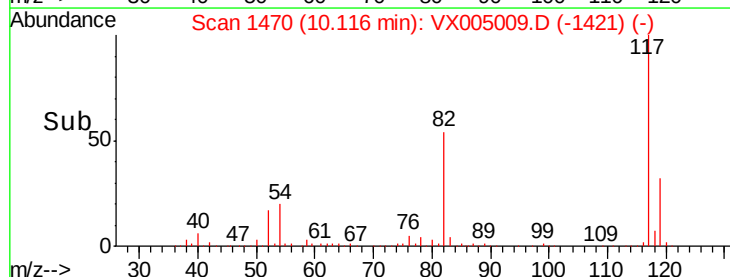
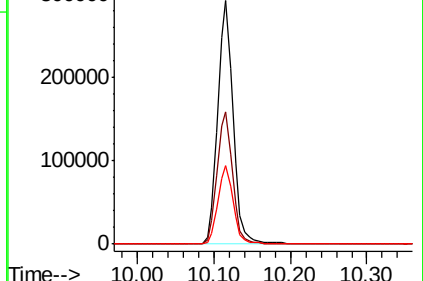
119 32.4 27.4 41.0

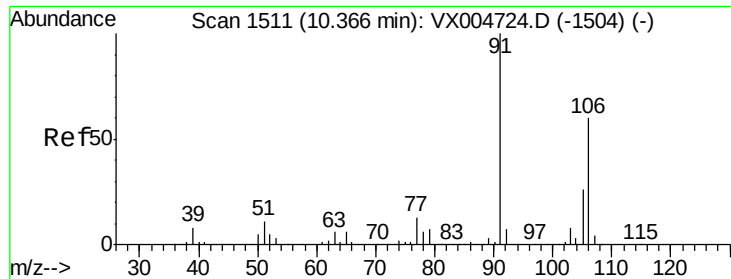


Abundance Ion 116.90 (116.60 to 117.60): VX004724.D (-1463) (-)

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

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

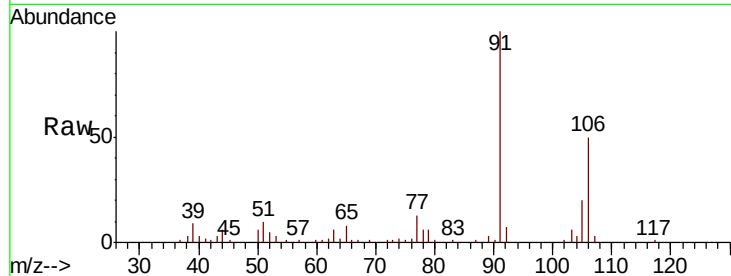




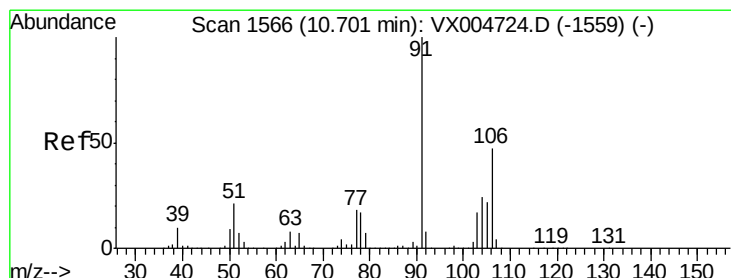
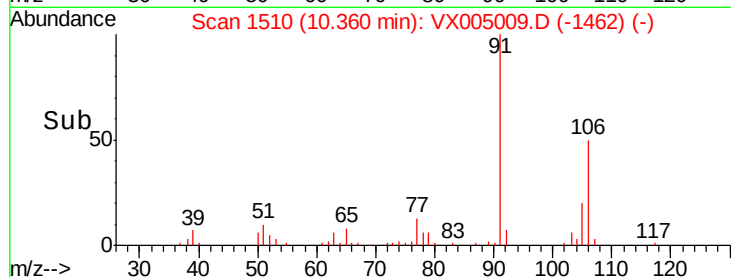
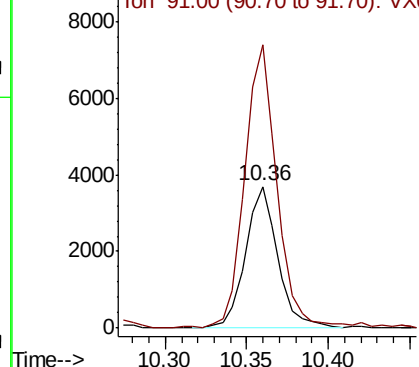
#68
m/p-Xylenes
Concen: 0.785 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX005009.D
Acq: 04 Oct 2018 10:01

Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#01

Tot Ion:106 Resp: 5101
Ion Ratio Lower Upper
106 100
91 203.4 157.5 236.3

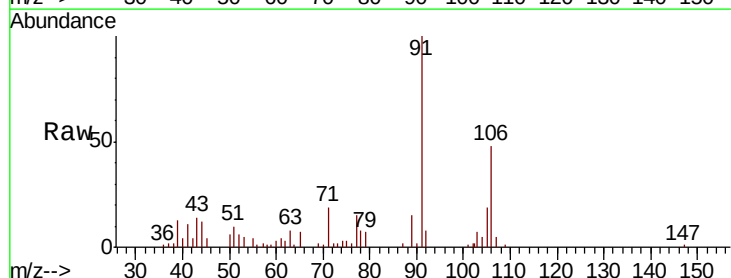


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

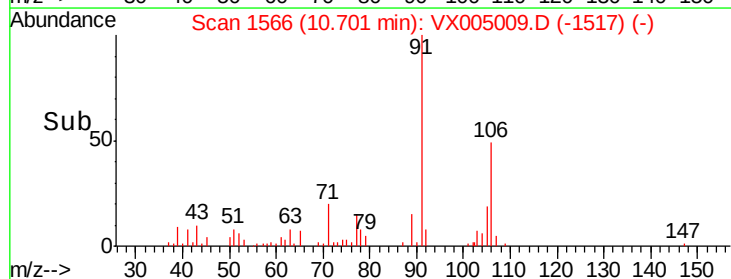
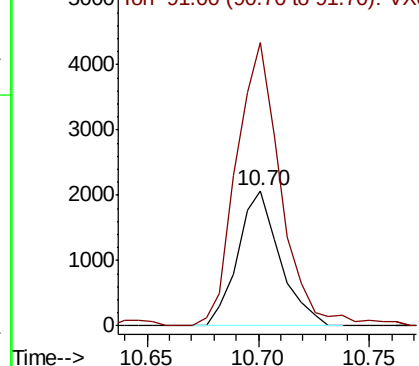


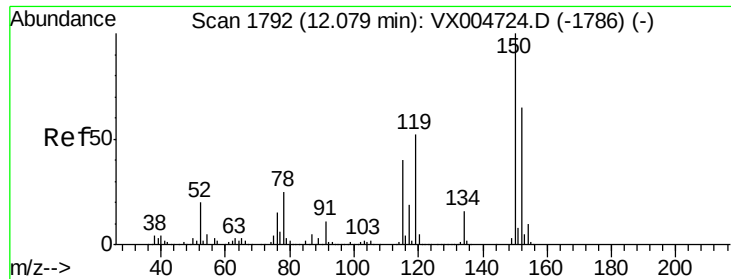
#69
o-Xylene
Concen: 0.455 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX005009.D
Acq: 04 Oct 2018 10:01

Tgt Ion:106 Resp: 2718
Ion Ratio Lower Upper
106 100
91 222.7 108.3 324.8



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX005009.D

Acq: 04 Oct 2018 10:01

Instrument :

MSVOA_X

ClientSampleId :

PB113446ZHE#01

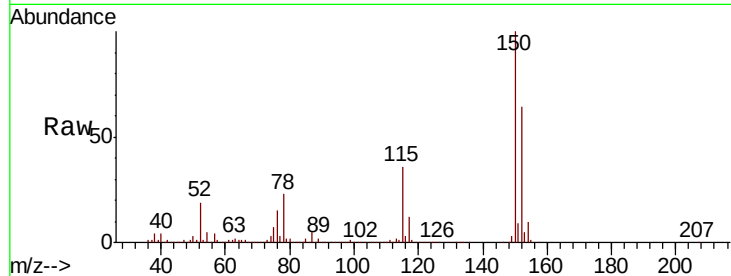
Tot Ion:152 Resp: 231252

Ion Ratio Lower Upper

152 100

115 55.2 40.2 120.6

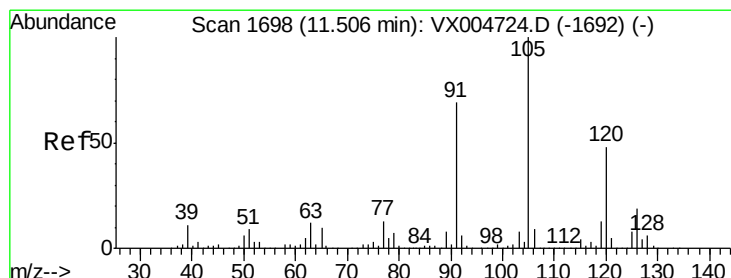
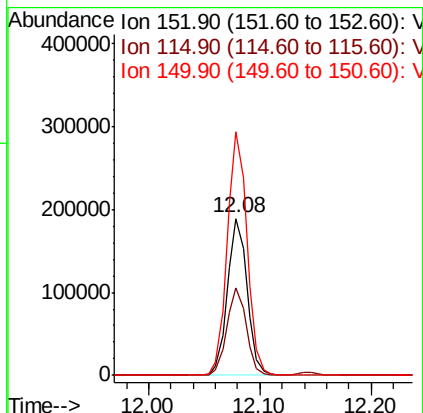
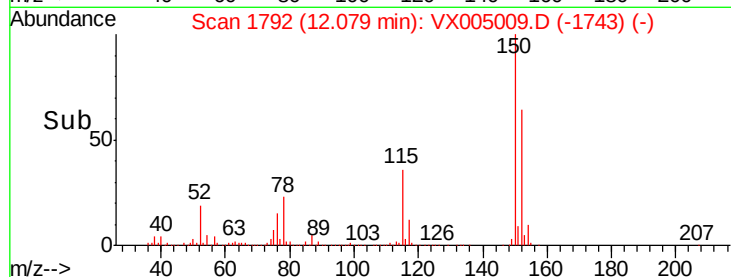
150 155.7 0.0 351.0



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



#80

1,3,5-Trimethylbenzene

Concen: 0.897 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX005009.D

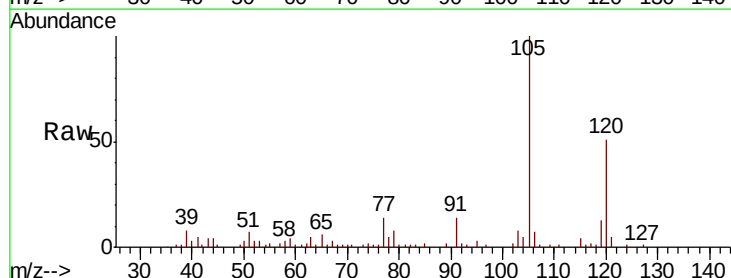
Acq: 04 Oct 2018 10:01

Tgt Ion:105 Resp: 14577

Ion Ratio Lower Upper

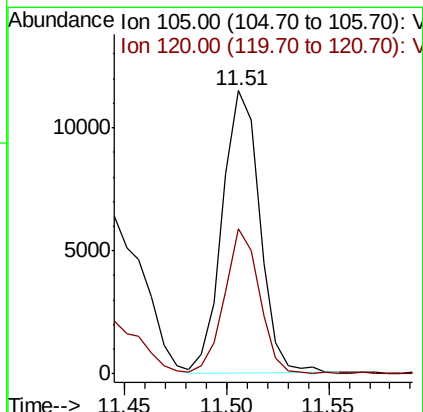
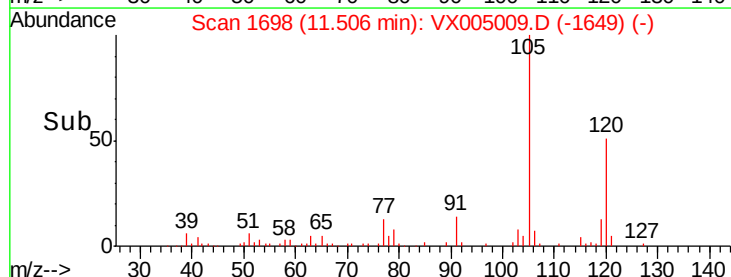
105 100

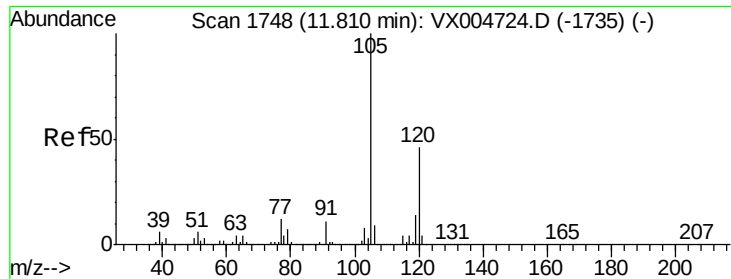
120 47.9 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

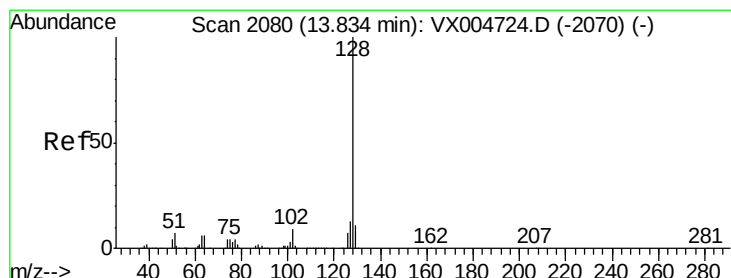
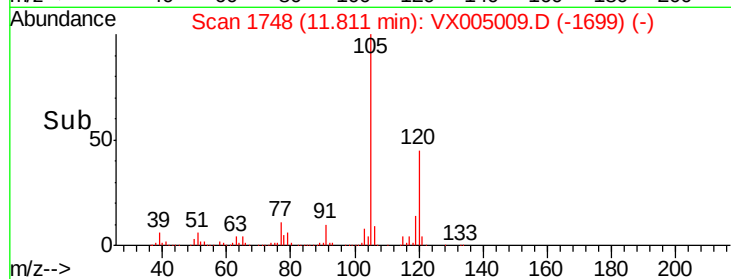
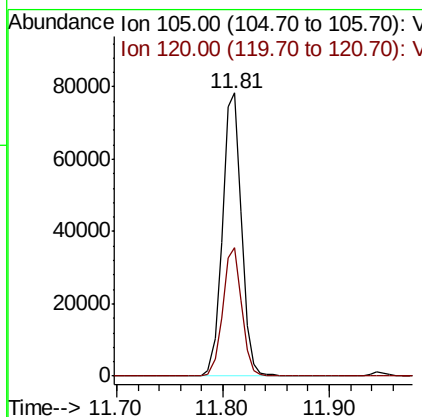
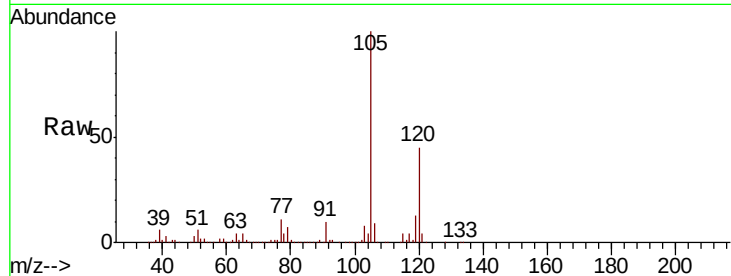




#84
 1,2,4-Trimethylbenzene
 Concen: 6.946 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX005009.D
 Acq: 04 Oct 2018 10:01

Instrument :
 MSVOA_X
 ClientSampleId :
 PB113446ZHE#01

Tot Ion:105 Resp: 98039
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.8 68.3



#95
 Naphthalene
 Concen: 11.083 ug/l
 RT: 13.83 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX005009.D
 Acq: 04 Oct 2018 10:01

Tgt Ion:128 Resp: 202265
 Ion Ratio Lower Upper
 128 100
 127 12.8 10.4 15.6
 129 11.0 8.7 13.1

