

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100418\
 Data File : VX005010.D
 Acq On : 04 Oct 2018 10:28
 Operator : JC/MD
 Sample : PB113446ZHE#02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB113446ZHE#02

Quant Time: Oct 04 12:02:14 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	264642	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	429409	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	420999	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	243606	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	196539	51.99	ug/l	0.00
Spiked Amount			Recovery	=	103.98%	
35) Dibromofluoromethane	5.50	113	172407	47.37	ug/l	0.00
Spiked Amount			Recovery	=	94.74%	
50) Toluene-d8	8.72	98	615090	50.84	ug/l	0.00
Spiked Amount			Recovery	=	101.68%	
62) 4-Bromofluorobenzene	11.14	95	231350	53.08	ug/l	0.00
Spiked Amount			Recovery	=	106.16%	

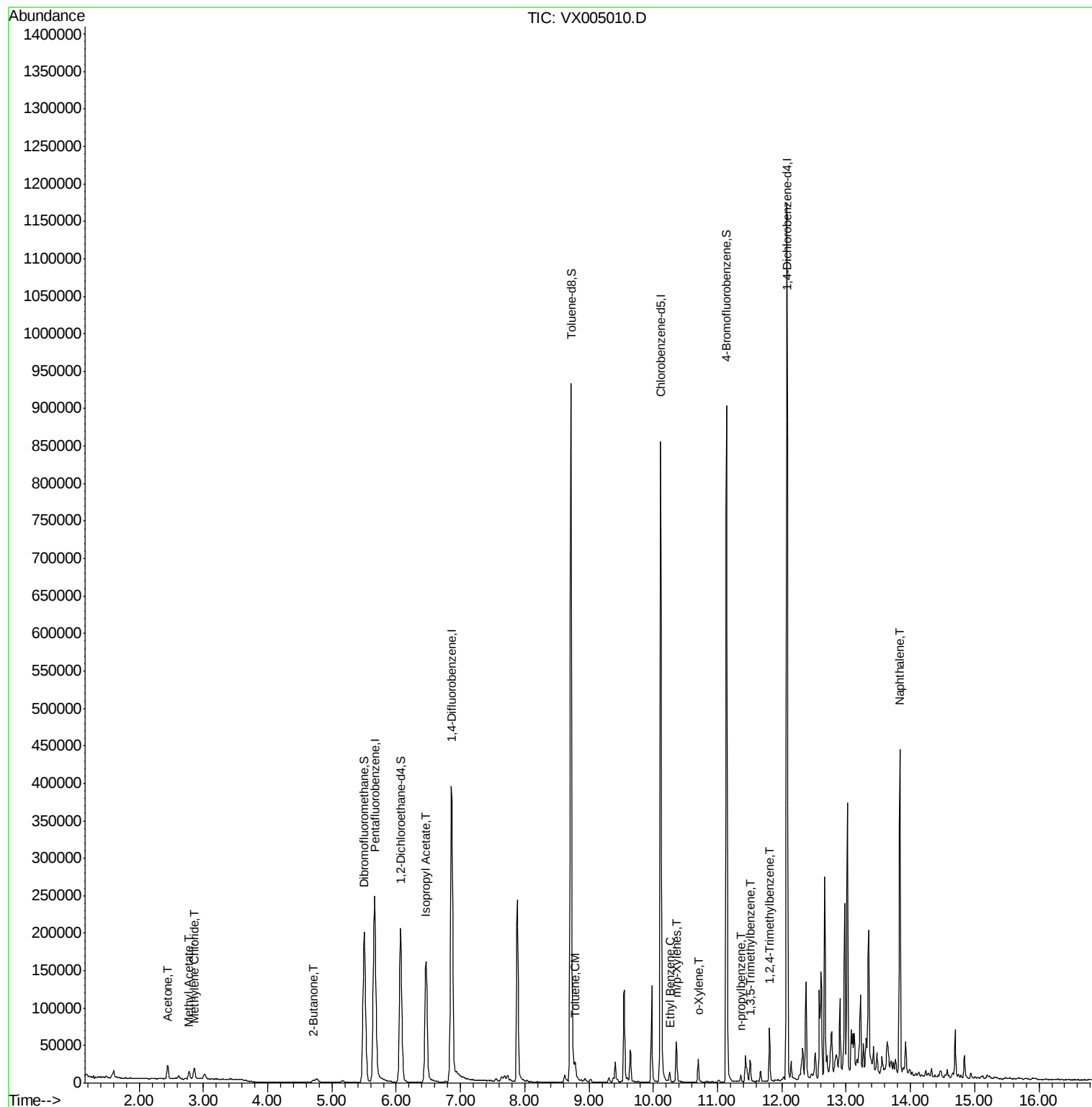
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.44	43	20592	9.330	ug/l	93
18) Methyl Acetate	2.78	43	12634	2.259	ug/l	100
20) Methylene Chloride	2.86	84	6754	1.287	ug/l	98
25) 2-Butanone	4.71	43	5798	1.782	ug/l	99
43) Isopropyl Acetate	6.46	43	231020	24.284	ug/l	97
52) Toluene	8.79	92	4015	0.470	ug/l	96
67) Ethyl Benzene	10.26	91	7031	0.410	ug/l	90
68) m/p-Xylenes	10.36	106	12548	1.874	ug/l	90
69) o-Xylene	10.70	106	5709	0.928	ug/l	100
78) n-propylbenzene	11.36	91	5319	0.302	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	11782	0.642	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	31942	2.011	ug/l	99
95) Naphthalene	13.83	128	261827	13.455	ug/l	100

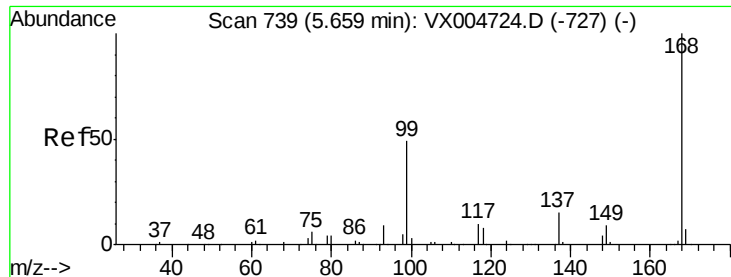
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX005010.D

Acq: 04 Oct 2018 10:28

Instrument :

MSVOA_X

ClientSampleId :

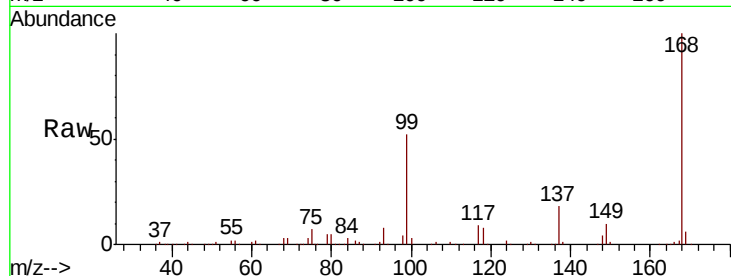
PB113446ZHE#02

Tot Ion:168 Resp: 264642

Ion Ratio Lower Upper

168 100

99 52.0 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

80000

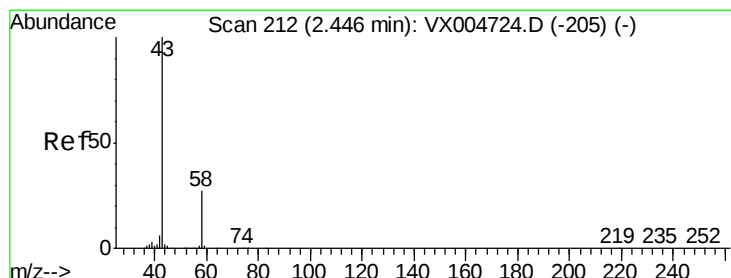
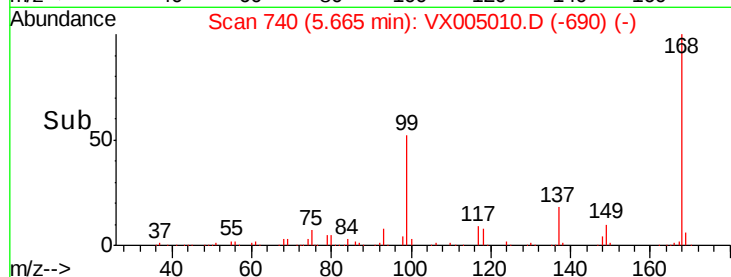
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 9.330 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX005010.D

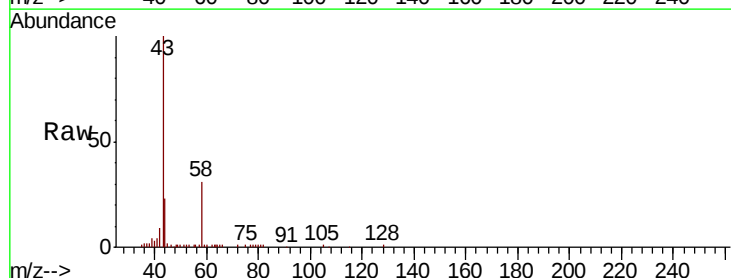
Acq: 04 Oct 2018 10:28

Tgt Ion: 43 Resp: 20592

Ion Ratio Lower Upper

43 100

58 31.1 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

12000

10000

8000

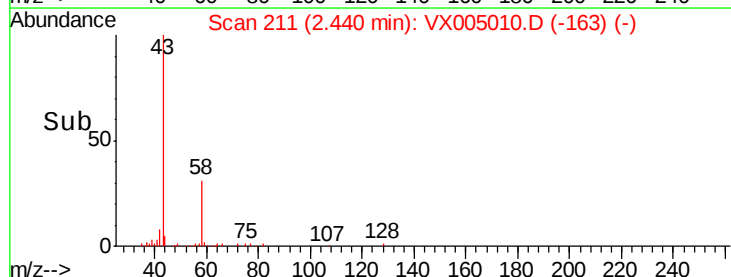
6000

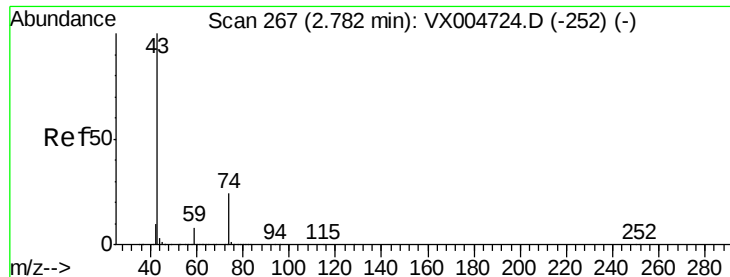
4000

2000

0

Time--> 2.40 2.45 2.50

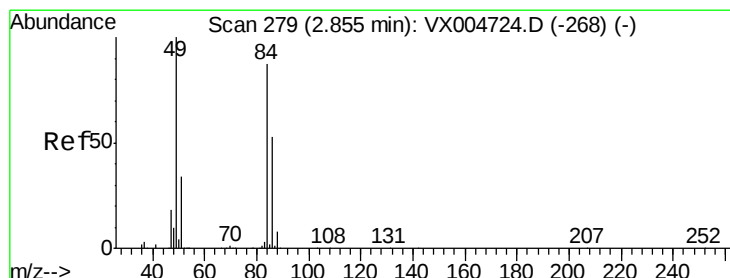
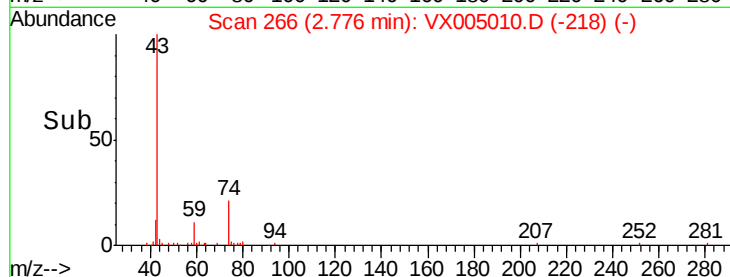
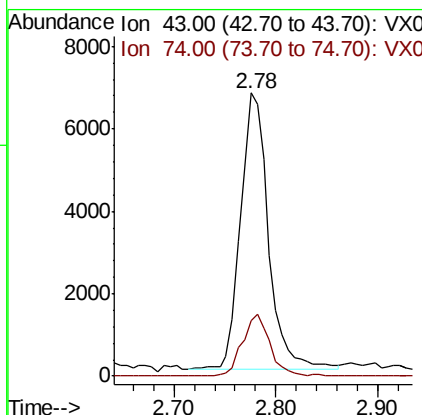
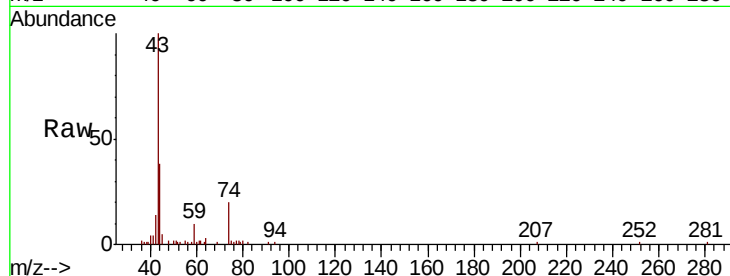




#18
Methvl Acetate
Concen: 2.259 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005010.D
Acq: 04 Oct 2018 10:28

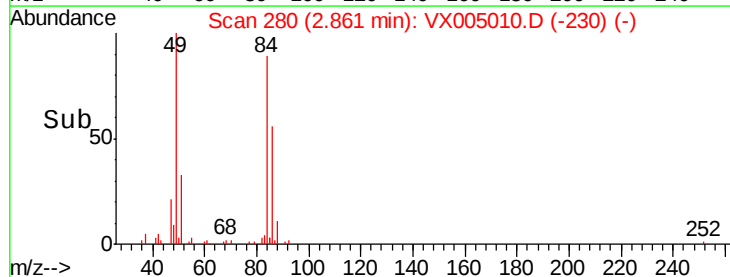
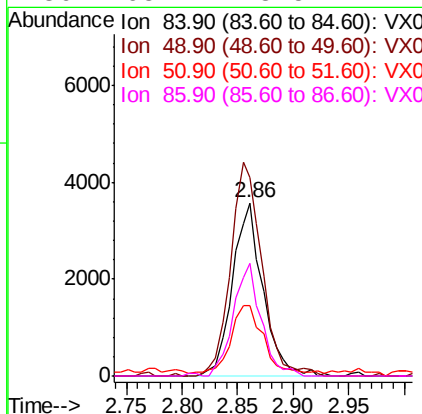
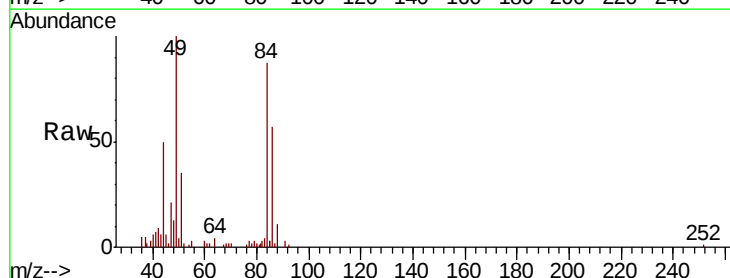
Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#02

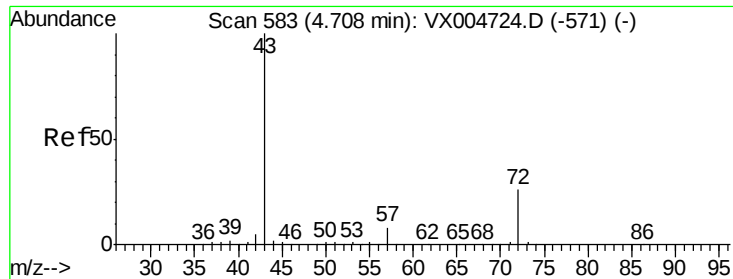
Tot Ion: 43 Resp: 12634
Ion Ratio Lower Upper
43 100
74 22.1 17.8 26.8



#20
Methylene Chloride
Concen: 1.287 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX005010.D
Acq: 04 Oct 2018 10:28

Tgt Ion: 84 Resp: 6754
Ion Ratio Lower Upper
84 100
49 114.8 92.3 138.5
51 39.1 31.8 47.6
86 65.2 48.5 72.7

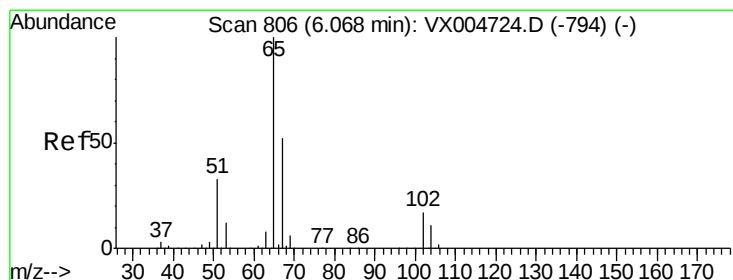
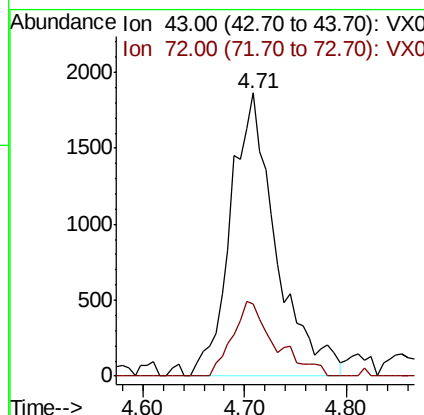
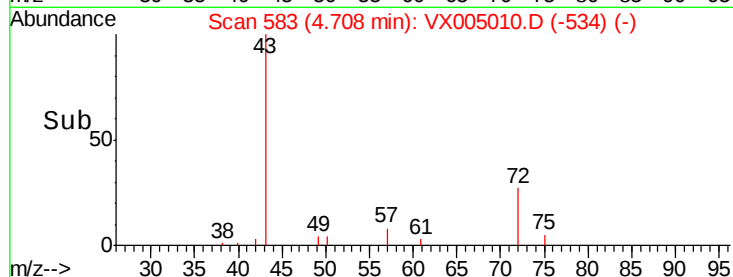
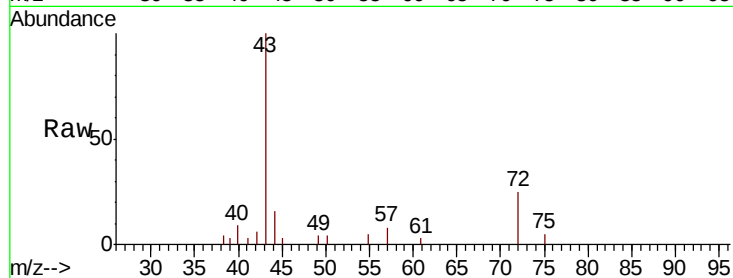




#25
 2-Butanone
 Concen: 1.782 ug/l
 RT: 4.71 min Scan# 583
 Delta R.T. 0.00 min
 Lab File: VX005010.D
 Acq: 04 Oct 2018 10:28

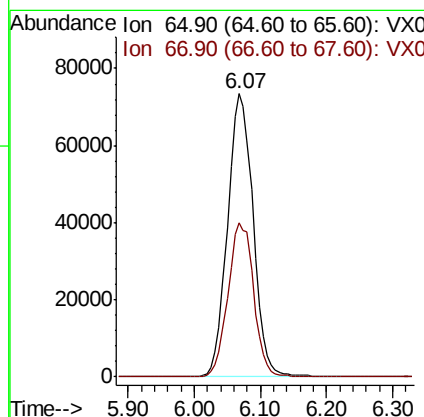
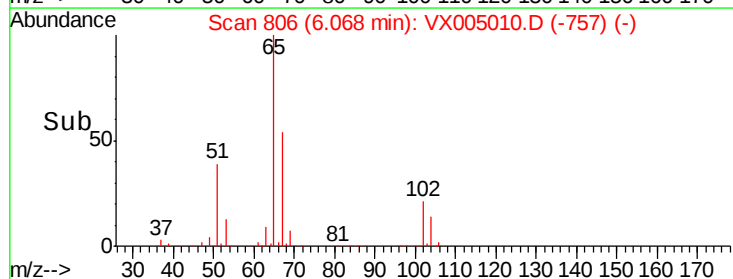
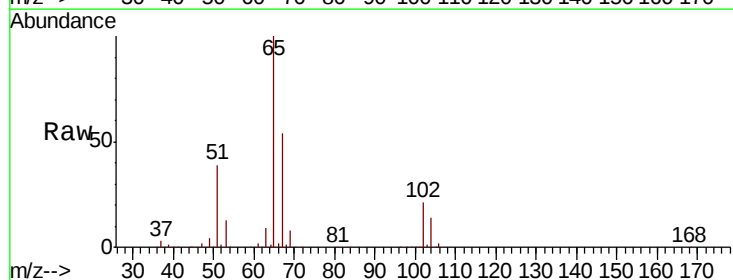
Instrument :
 MSVOA_X
 ClientSampleId :
 PB113446ZHE#02

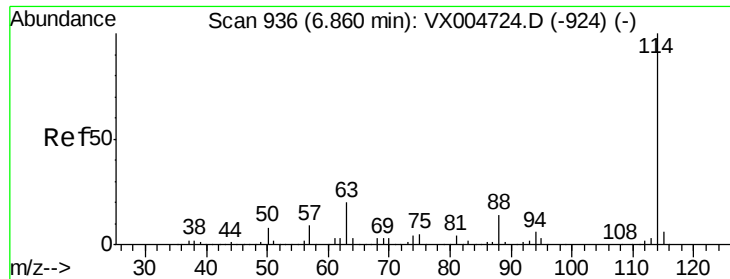
Tot Ion: 43.00 Resp: 5798
 Ion Ratio Lower Upper
 43 100
 72 25.4 20.8 31.2



#33
 1,2-Dichloroethane-d4
 Concen: 51.989 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX005010.D
 Acq: 04 Oct 2018 10:28

Tgt Ion: 65 Resp: 196539
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 107.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX005010.D

Acq: 04 Oct 2018 10:28

Instrument :

MSVOA_X

ClientSampleId :

PB113446ZHE#02

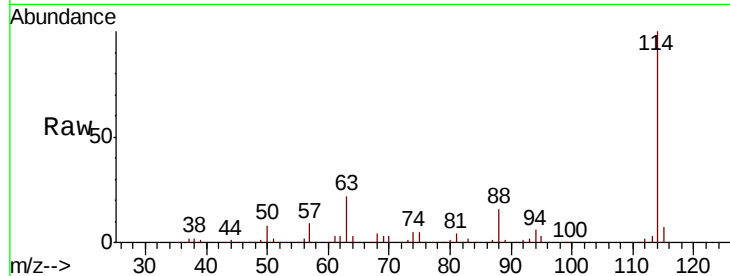
Tot Ion:114 Resp: 429409

Ion Ratio Lower Upper

114 100

63 21.8 0.0 39.8

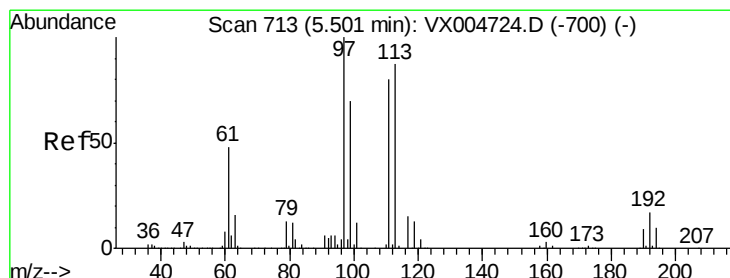
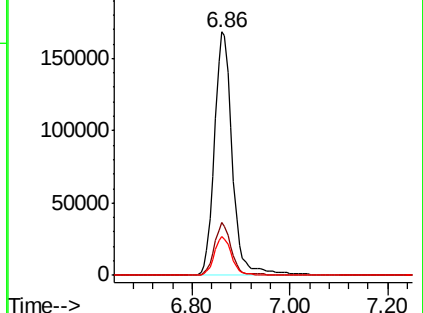
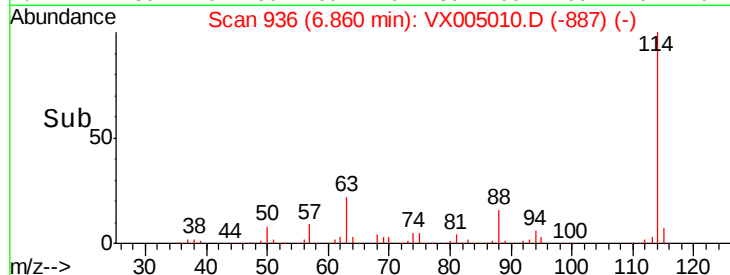
88 16.0 0.0 27.0



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: 47.374 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX005010.D

Acq: 04 Oct 2018 10:28

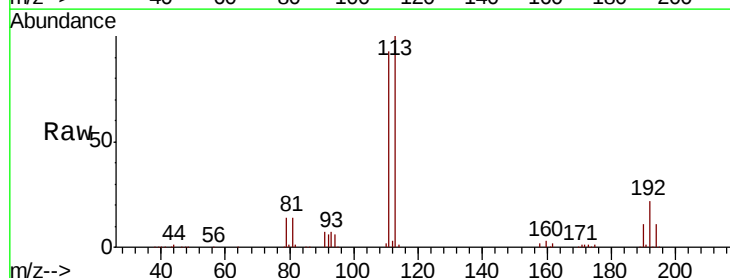
Tgt Ion:113 Resp: 172407

Ion Ratio Lower Upper

113 100

111 101.6 77.0 115.4

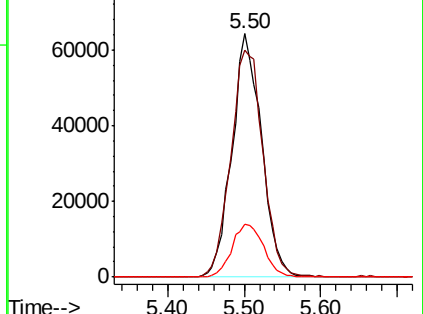
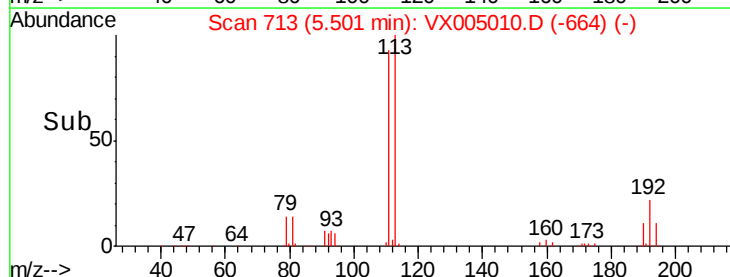
192 23.3 17.0 25.6

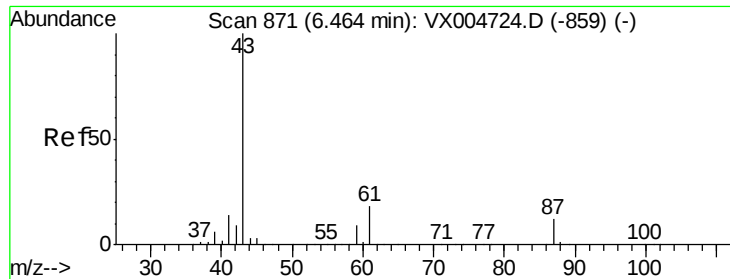


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 24.284 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.00 min

Lab File: VX005010.D

Acq: 04 Oct 2018 10:28

Instrument :

MSVOA_X

ClientSampleId :

PB113446ZHE#02

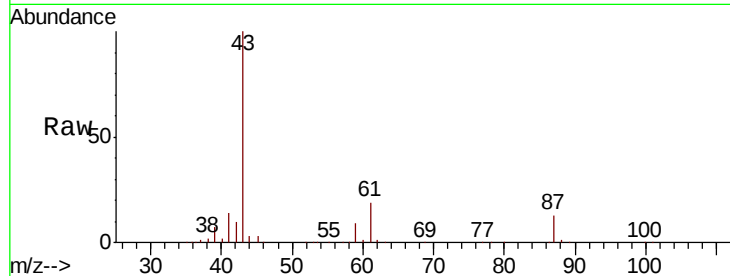
Tot Ion: 43 Resp: 231020

Ion Ratio Lower Upper

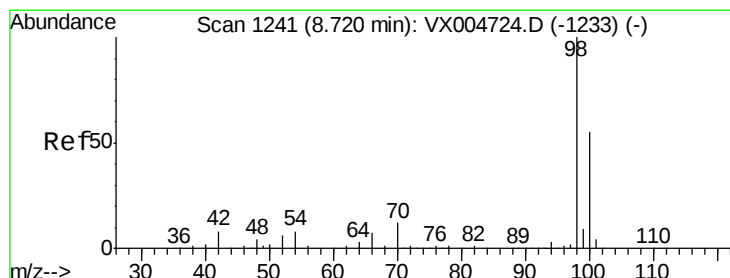
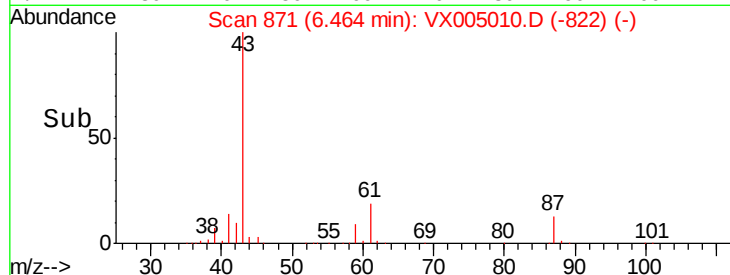
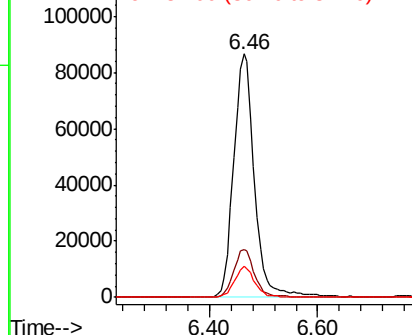
43 100

61 19.2 14.2 21.4

87 12.2 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: 50.839 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. 0.00 min

Lab File: VX005010.D

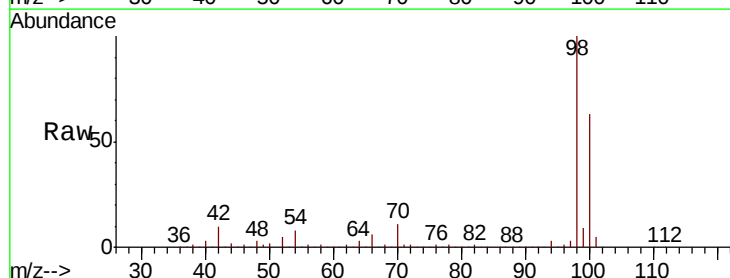
Acq: 04 Oct 2018 10:28

Tgt Ion: 98 Resp: 615090

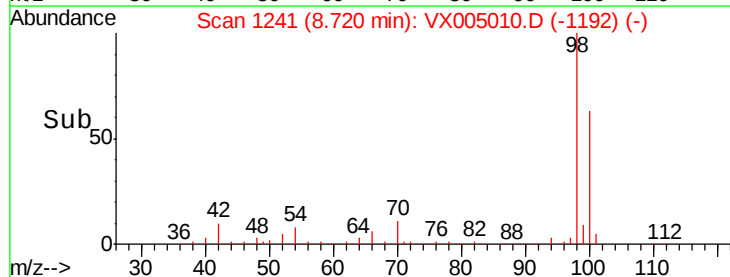
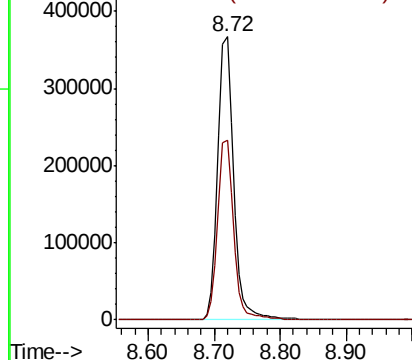
Ion Ratio Lower Upper

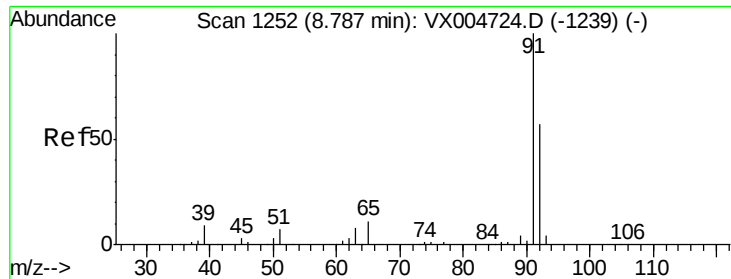
98 100

100 63.7 51.9 77.9



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





#52

Toluene

Concen: 0.470 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX005010.D

Acq: 04 Oct 2018 10:28

Instrument :

MSVOA_X

ClientSampleId :

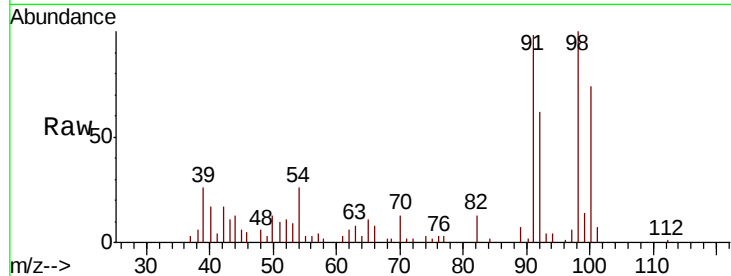
PB113446ZHE#02

Tot Ion: 92 Resp: 4015

Ion Ratio Lower Upper

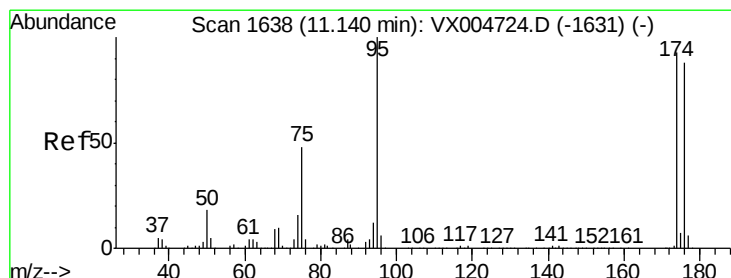
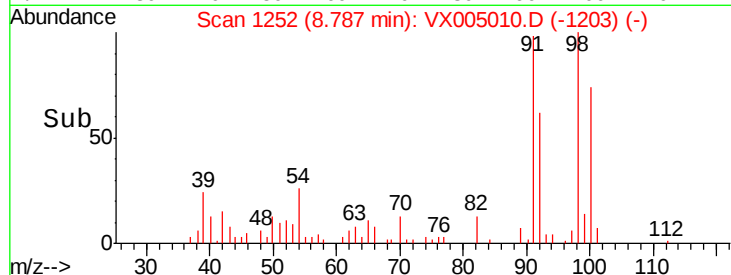
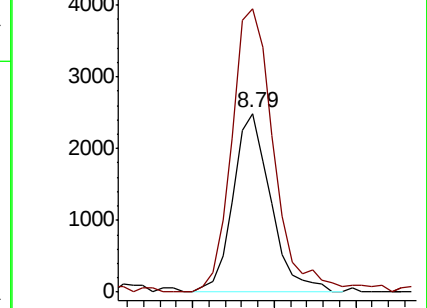
92 100

91 176.3 136.7 205.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 53.078 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX005010.D

Acq: 04 Oct 2018 10:28

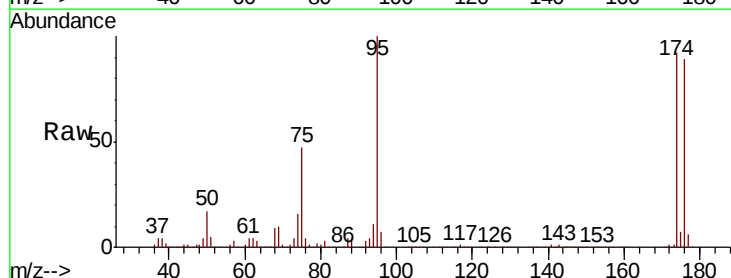
Tgt Ion: 95 Resp: 231350

Ion Ratio Lower Upper

95 100

174 91.0 0.0 185.0

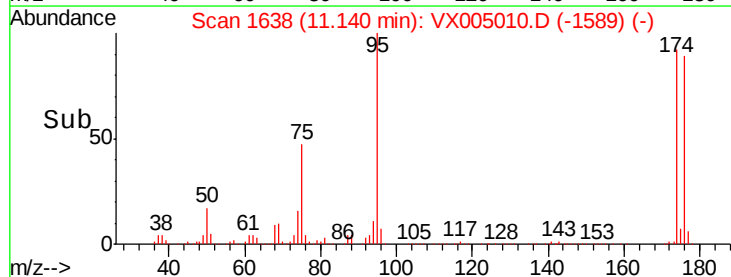
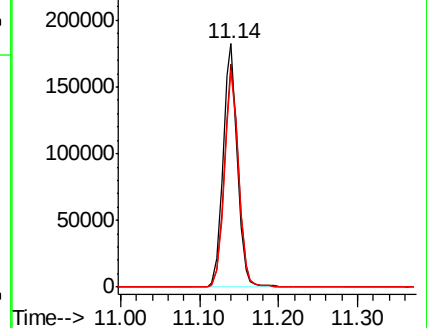
176 87.9 0.0 180.2

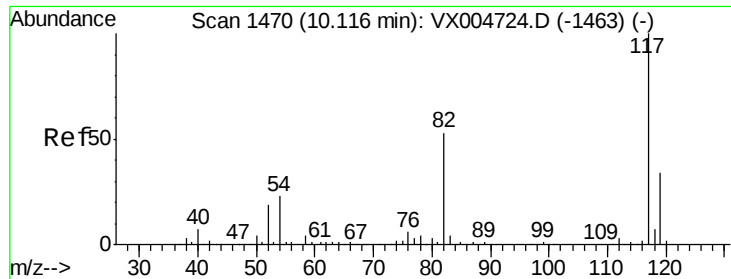


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

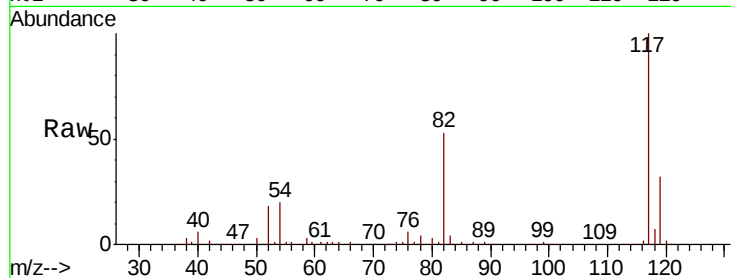




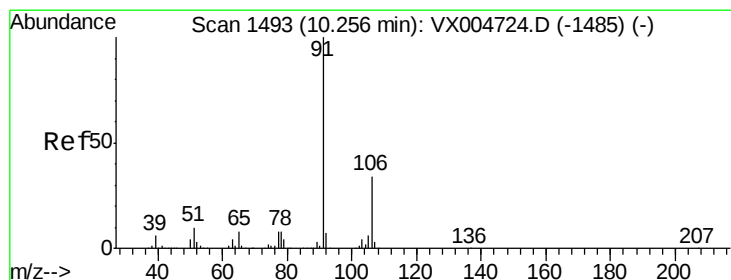
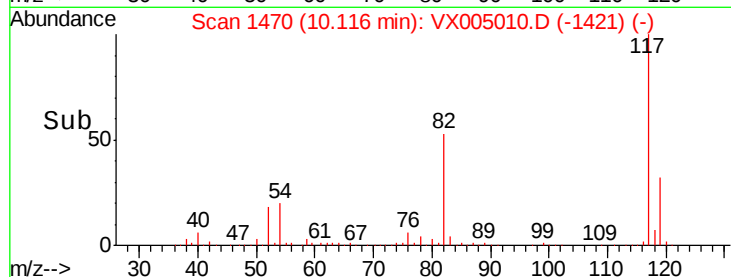
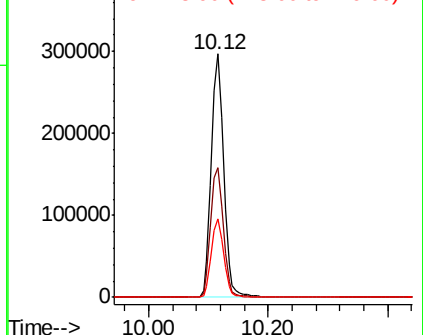
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005010.D
Acq: 04 Oct 2018 10:28

Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#02

Tot Ion:117 Resp: 420999
Ion Ratio Lower Upper
117 100
82 53.3 42.2 63.4
119 32.1 27.4 41.0

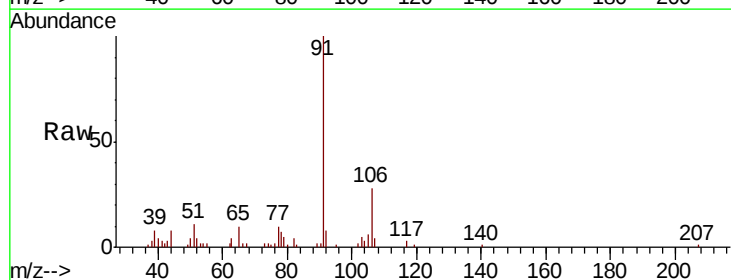


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

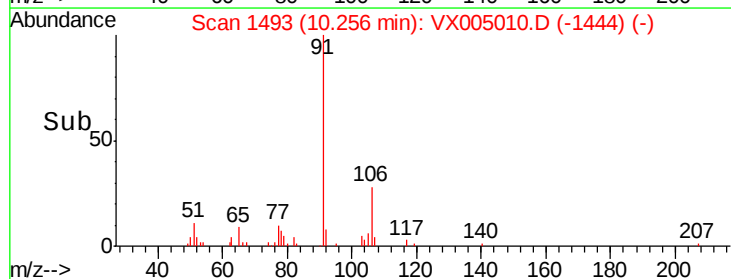
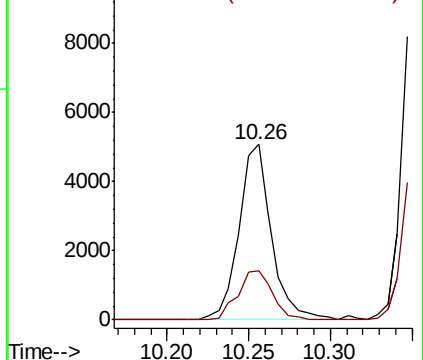


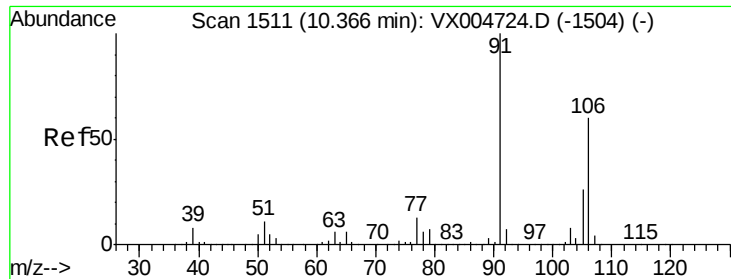
#67
Ethyl Benzene
Concen: 0.410 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VX005010.D
Acq: 04 Oct 2018 10:28

Tgt Ion: 91 Resp: 7031
Ion Ratio Lower Upper
91 100
106 27.6 26.9 40.3



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

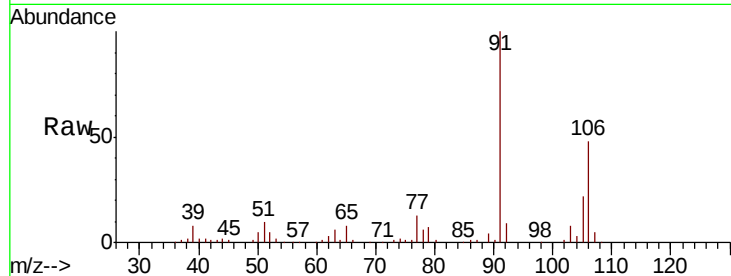




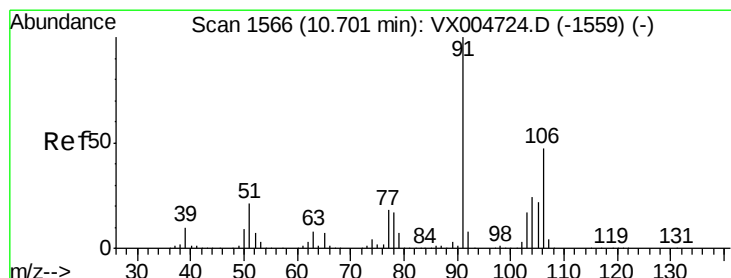
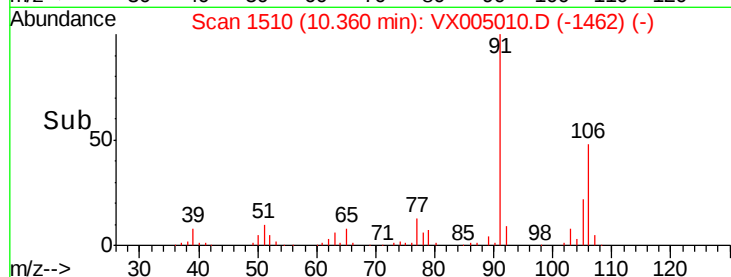
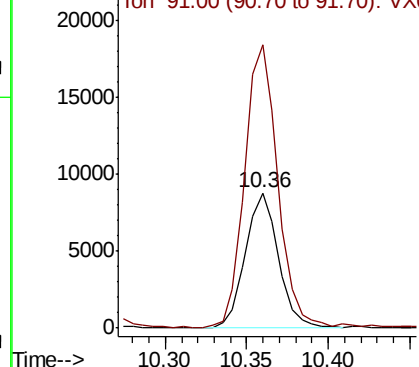
#68
m/p-Xvlenes
Concen: 1.874 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX005010.D
Acq: 04 Oct 2018 10:28

Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#02

Tot Ion:106 Resp: 12548
Ion Ratio Lower Upper
106 100
91 211.8 157.5 236.3

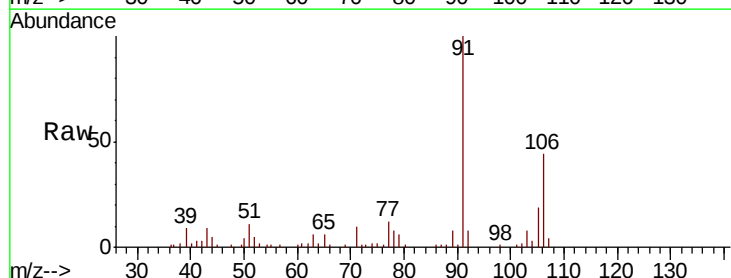


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

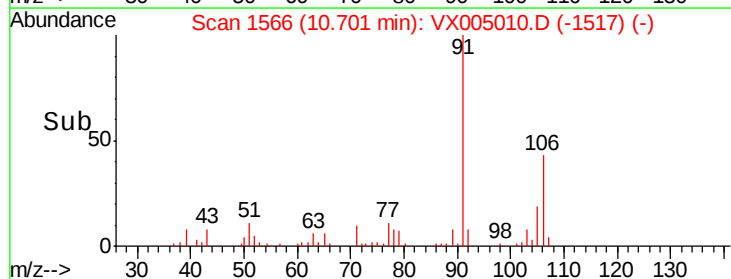
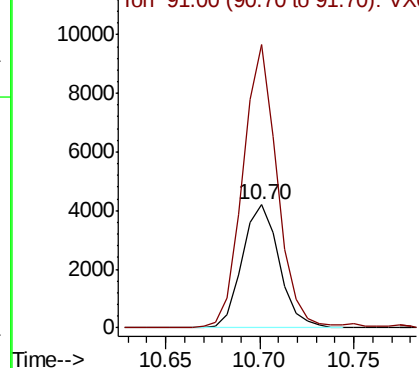


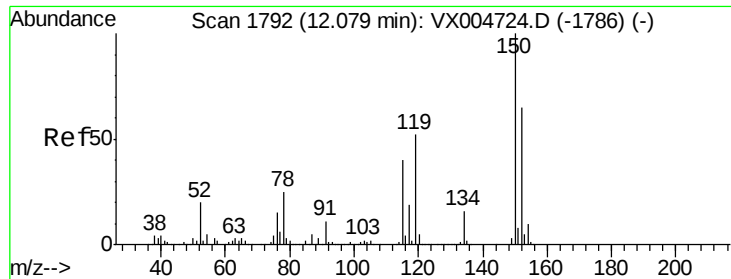
#69
o-Xylene
Concen: 0.928 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX005010.D
Acq: 04 Oct 2018 10:28

Tgt Ion:106 Resp: 5709
Ion Ratio Lower Upper
106 100
91 217.0 108.3 324.8



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: VX005010.D

Acq: 04 Oct 2018 10:28

Instrument :

MSVOA_X

ClientSampleId :

PB113446ZHE#02

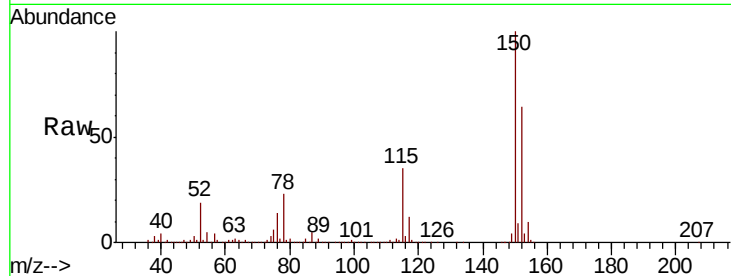
Tot Ion:152 Resp: 243606

Ion Ratio Lower Upper

152 100

115 55.4 40.2 120.6

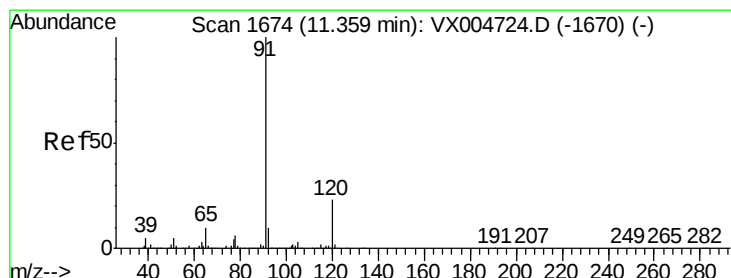
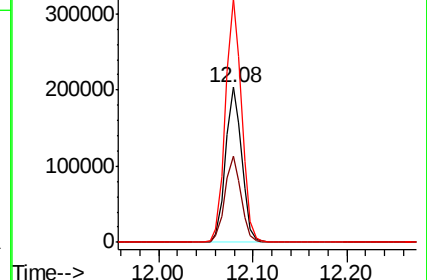
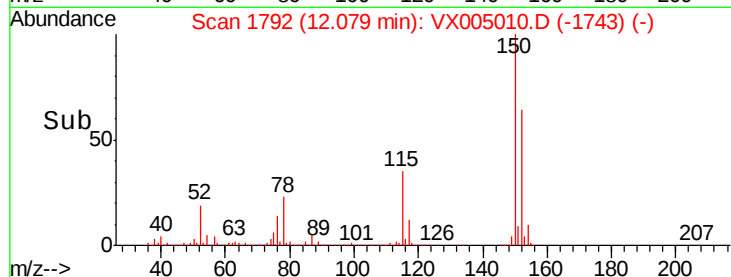
150 156.3 0.0 351.0



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



#78

n-propylbenzene

Concen: 0.302 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX005010.D

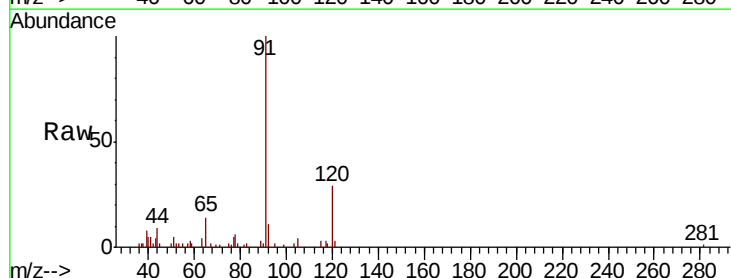
Acq: 04 Oct 2018 10:28

Tgt Ion: 91 Resp: 5319

Ion Ratio Lower Upper

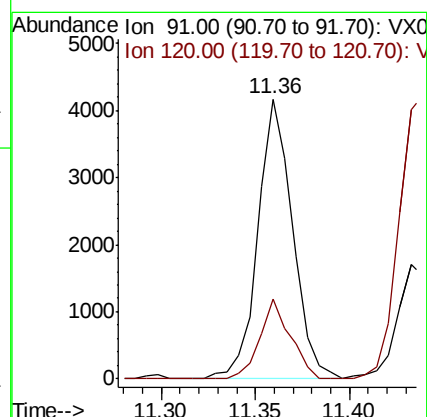
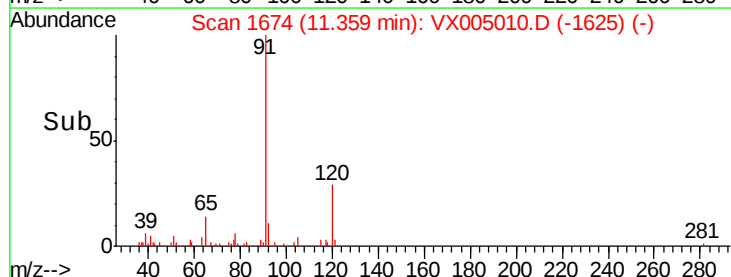
91 100

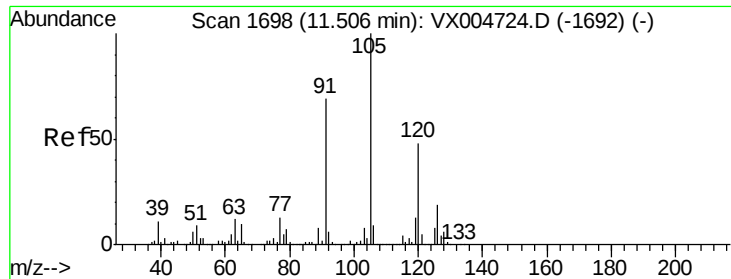
120 25.0 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

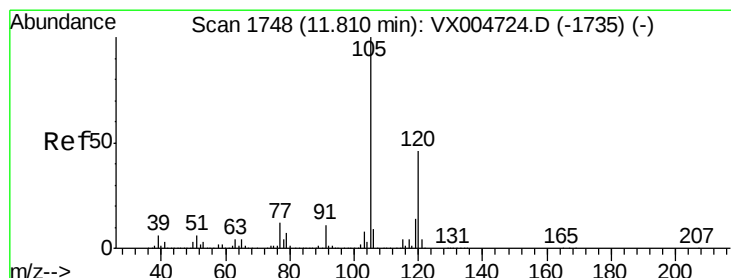
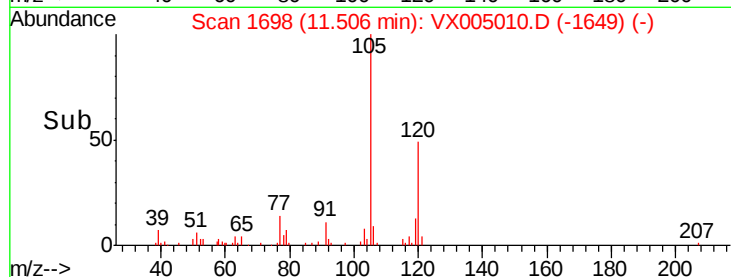
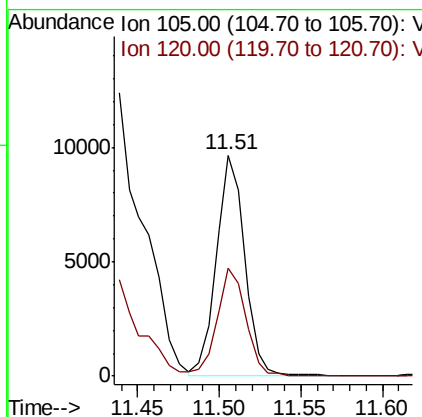
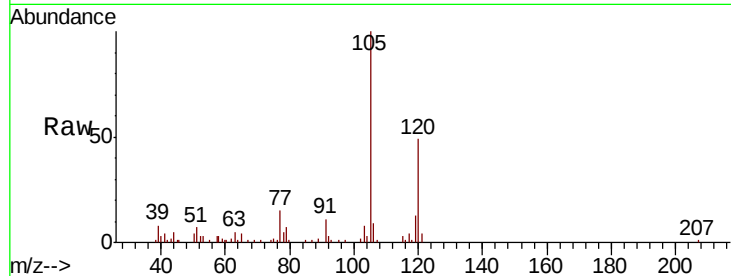




#80
 1,3,5-Trimethylbenzene
 Concen: 0.642 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX005010.D
 Acq: 04 Oct 2018 10:28

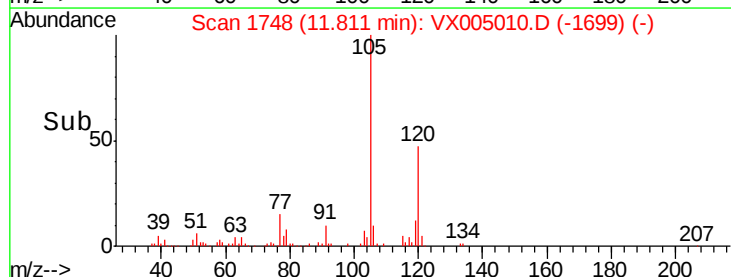
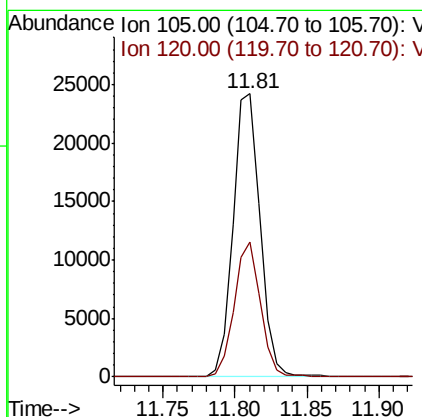
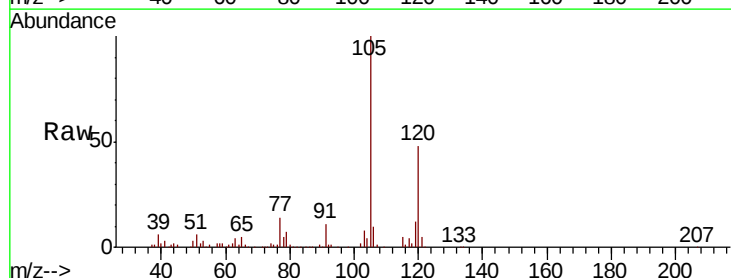
Instrument :
 MSVOA_X
 ClientSampleId :
 PB113446ZHE#02

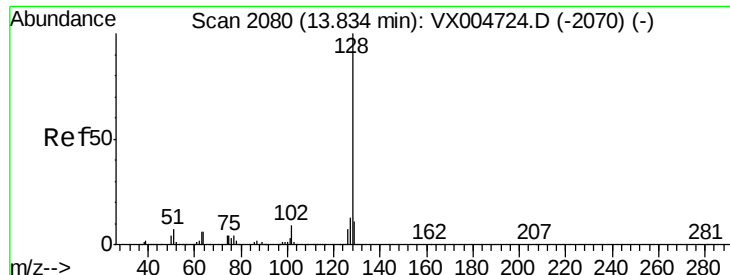
Tot Ion:105 Resp: 11782
 Ion Ratio Lower Upper
 105 100
 120 49.0 24.3 72.8



#84
 1,2,4-Trimethylbenzene
 Concen: 2.011 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX005010.D
 Acq: 04 Oct 2018 10:28

Tgt Ion:105 Resp: 31942
 Ion Ratio Lower Upper
 105 100
 120 45.9 22.8 68.3





#95

Naphthalene

Concen: 13.455 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX005010.D

Acq: 04 Oct 2018 10:28

Instrument :

MSVOA_X

ClientSampleId :

PB113446ZHE#02

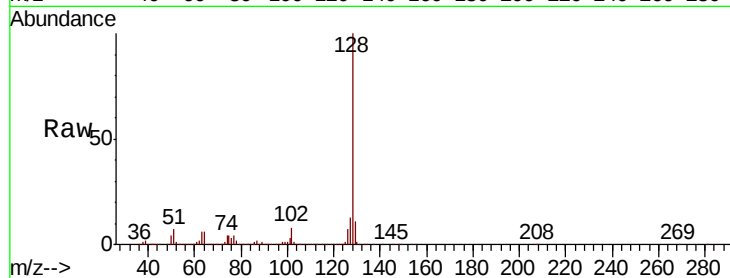
Tot Ion:128 Resp: 261827

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

129 10.9 8.7 13.1



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

