

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032618\
 Data File : VX000447.D
 Acq On : 26 Mar 2018 17:55
 Operator : JC/MD
 Sample : J2050-06 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-3-DB

Quant Time: Mar 27 09:40:40 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	107235	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	192433	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	179932	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	85256	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.08	65	78759	56.26	ug/l	0.00
Spiked Amount			Recovery	=	112.52%	
35) Dibromofluoromethane	5.52	113	61726	50.91	ug/l	0.00
Spiked Amount			Recovery	=	101.82%	
50) Toluene-d8	8.73	98	235878	46.97	ug/l	0.00
Spiked Amount			Recovery	=	93.94%	
62) 4-Bromofluorobenzene	11.15	95	76235	37.67	ug/l	0.00
Spiked Amount			Recovery	=	75.34%	

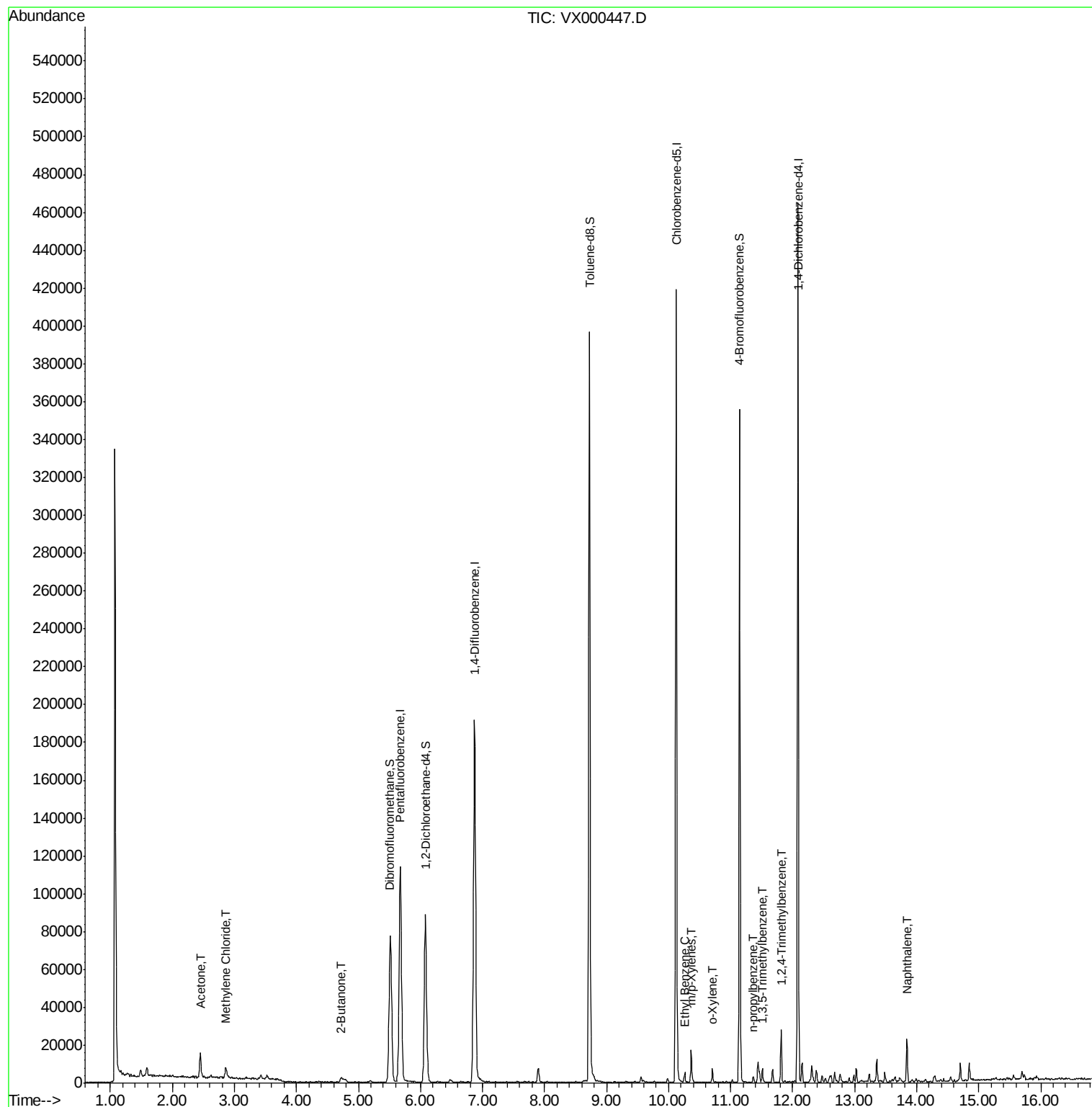
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	13937	11.97	ug/l	96
20) Methylene Chloride	2.86	84	2341	1.74	ug/l	# 84
25) 2-Butanone	4.72	43	4018	3.07	ug/l	96
67) Ethyl Benzene	10.26	91	3040	0.45	ug/l	93
68) m/p-Xylenes	10.37	106	3597	1.35	ug/l	92
69) o-Xylene	10.71	106	1374	0.53	ug/l	95
78) n-propylbenzene	11.37	91	1901	0.28	ug/l	86
80) 1,3,5-Trimethylbenzene	11.51	105	3156	0.66	ug/l	92
84) 1,2,4-Trimethylbenzene	11.81	105	10920	2.19	ug/l	95
95) Naphthalene	13.84	128	11867	1.70	ug/l	95

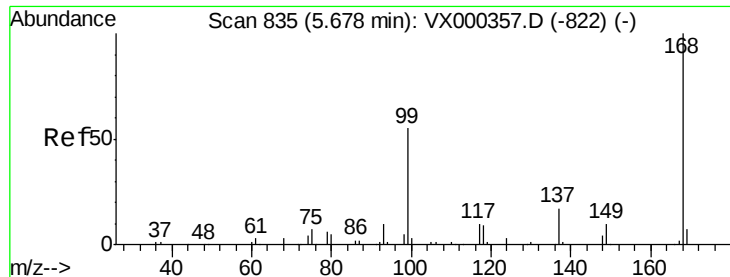
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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ClientSampleId :
TP-3-DB

Quant Time: Mar 27 09:40:40 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 21 04:52:42 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000447.D

Acq: 26 Mar 2018 17:55

Instrument :

MSVOA_X

ClientSampleId :

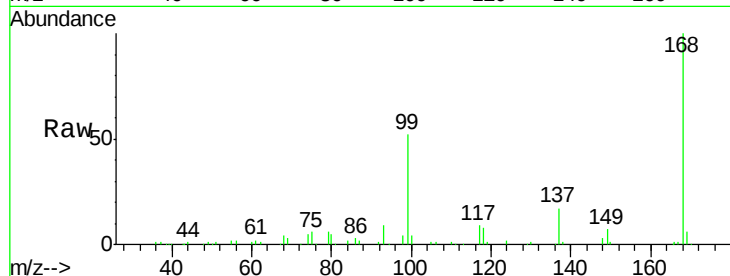
TP-3-DB

Tot Ion:168 Resp: 107235

Ion Ratio Lower Upper

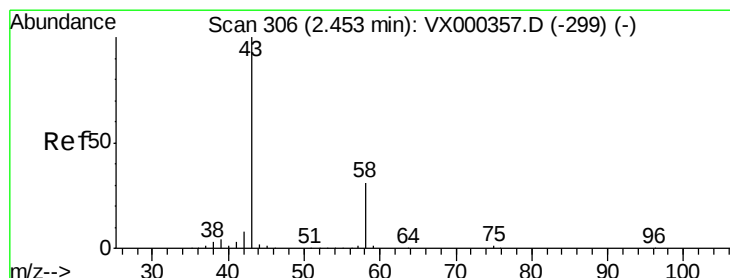
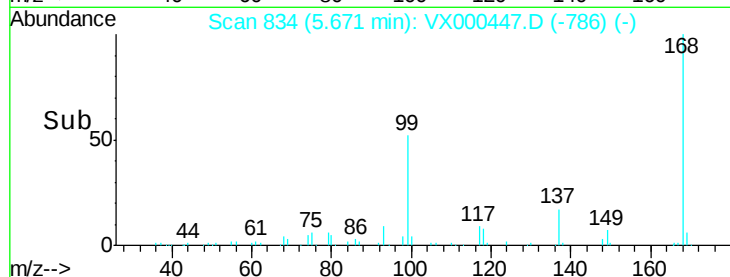
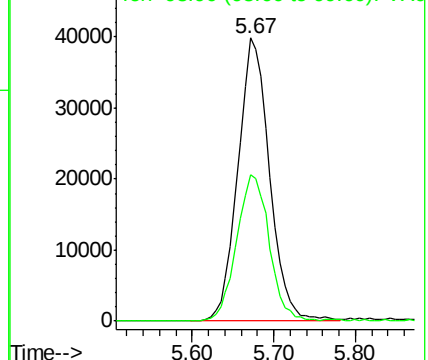
168 100

99 51.8 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 11.97 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX000447.D

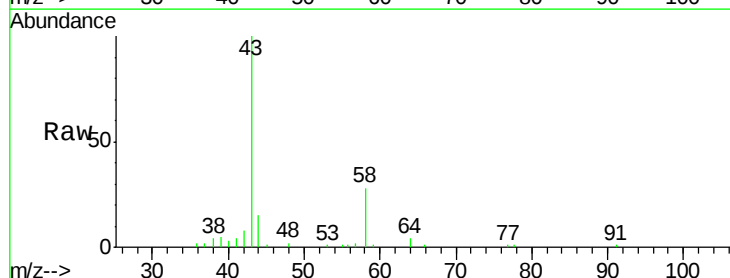
Acq: 26 Mar 2018 17:55

Tgt Ion: 43 Resp: 13937

Ion Ratio Lower Upper

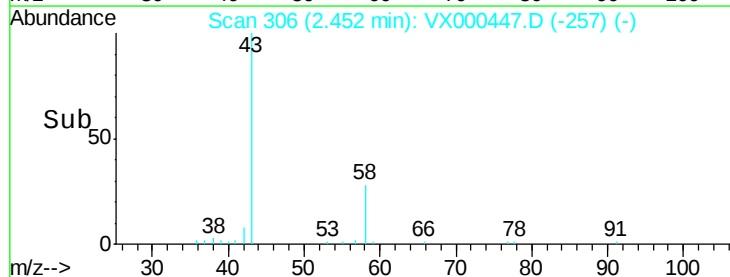
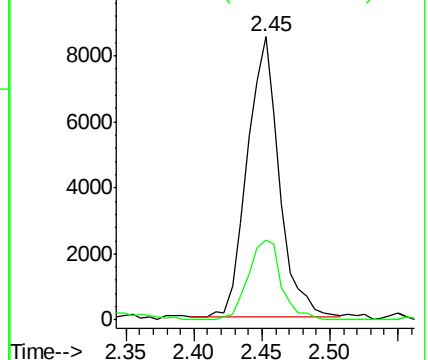
43 100

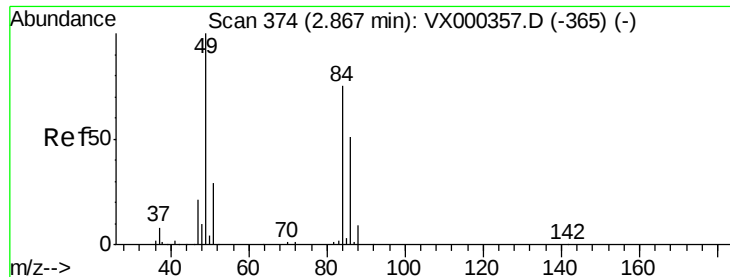
58 28.5 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

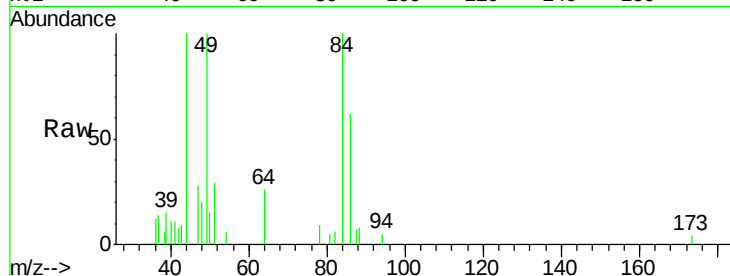




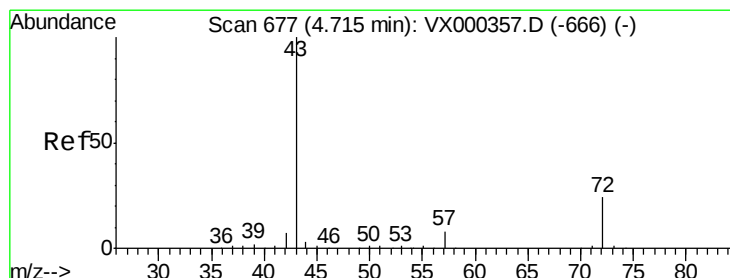
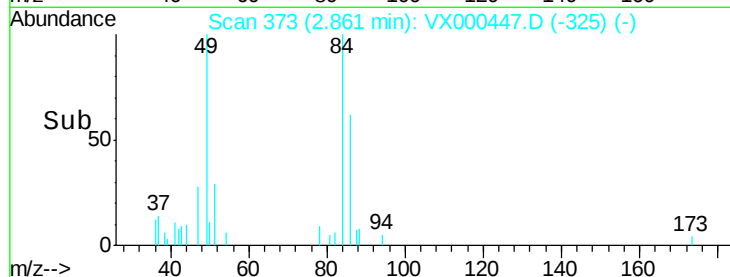
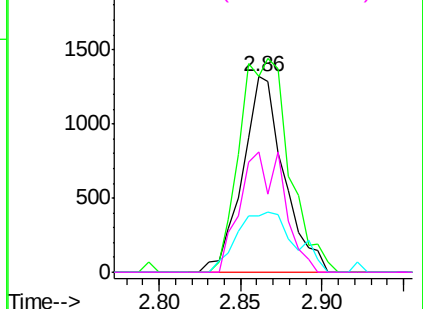
#20
Methvlene Chloride
Concen: 1.74 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.01 min
Lab File: VX000447.D
Acq: 26 Mar 2018 17:55

Instrument :
MSVOA_X
ClientSampleId :
TP-3-DB

Tot Ion: 84 Resp: 2341
Ion Ratio Lower Upper
84 100
49 100.4 100.6 151.0#
51 28.9 31.6 47.4#
86 61.8 52.6 78.8

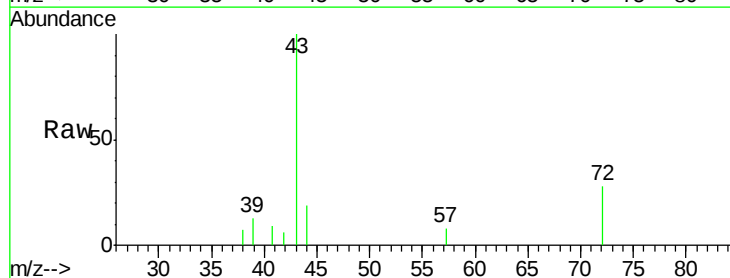


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

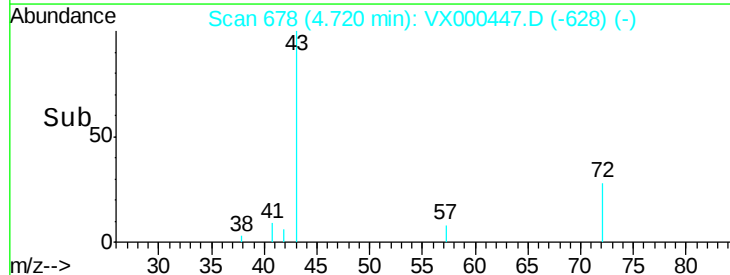
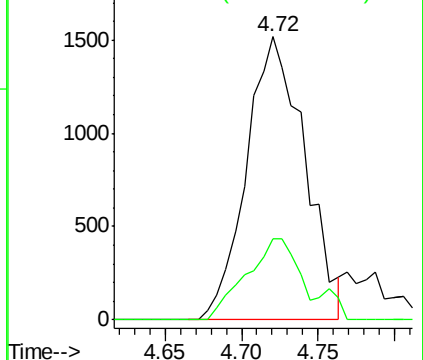


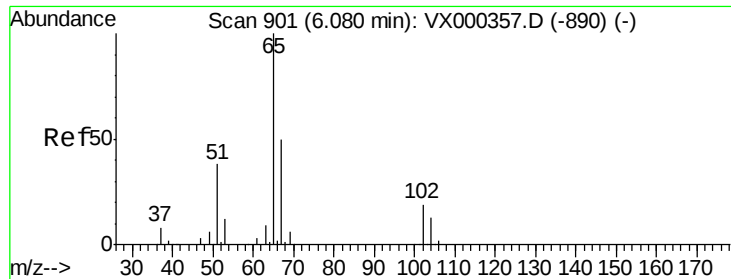
#25
2-Butanone
Concen: 3.07 ug/l
RT: 4.72 min Scan# 678
Delta R.T. 0.01 min
Lab File: VX000447.D
Acq: 26 Mar 2018 17:55

Tgt Ion: 43 Resp: 4018
Ion Ratio Lower Upper
43 100
72 28.5 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 72.00 (71.70 to 72.70): VX0

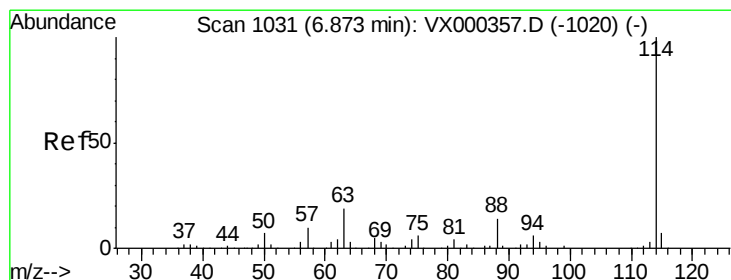
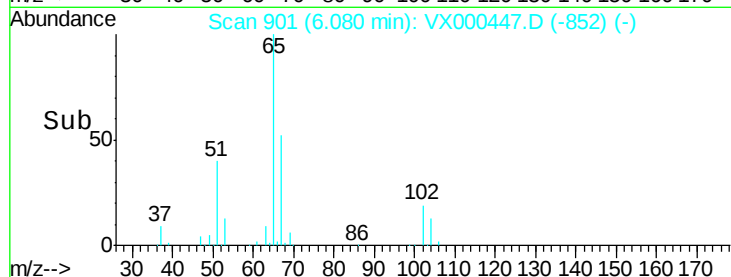
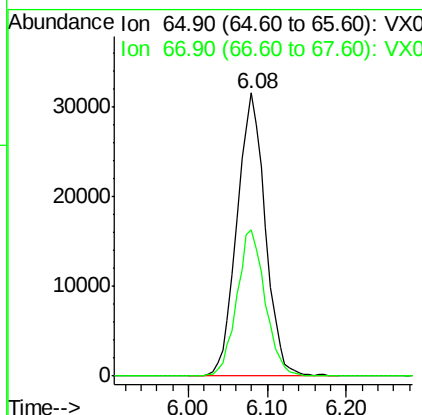
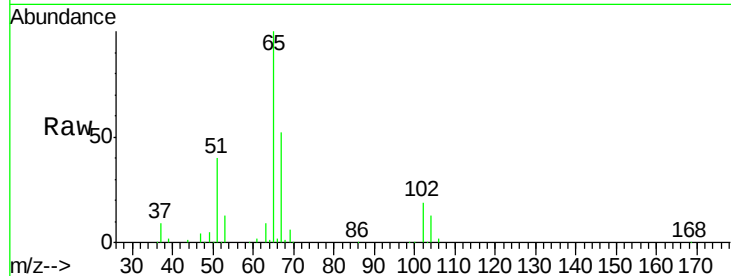




#33
 1,2-Dichloroethane-d4
 Concen: 56.26 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: VX000447.D
 Acq: 26 Mar 2018 17:55

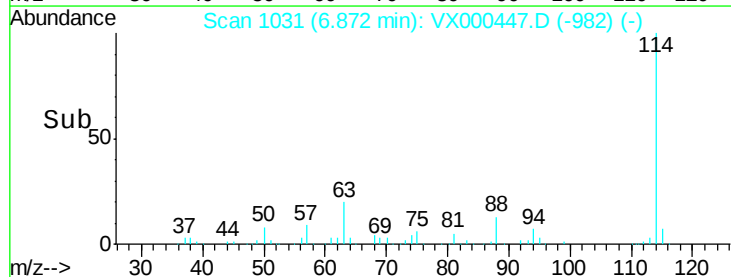
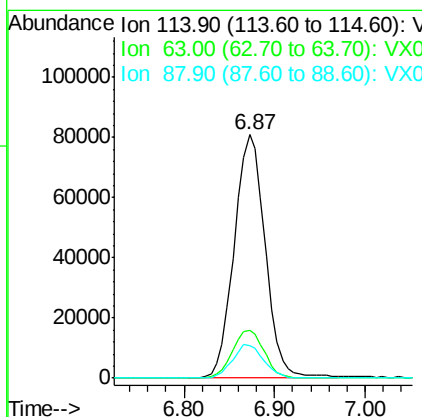
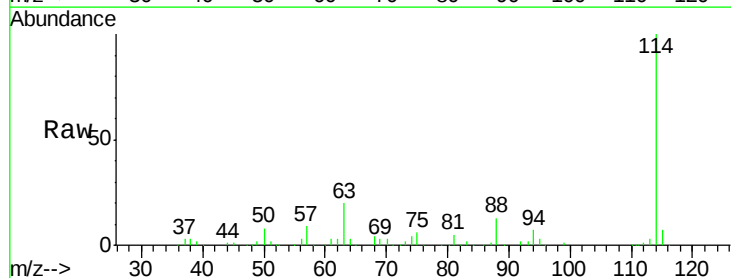
Instrument :
 MSVOA_X
 ClientSampleId :
 TP-3-DB

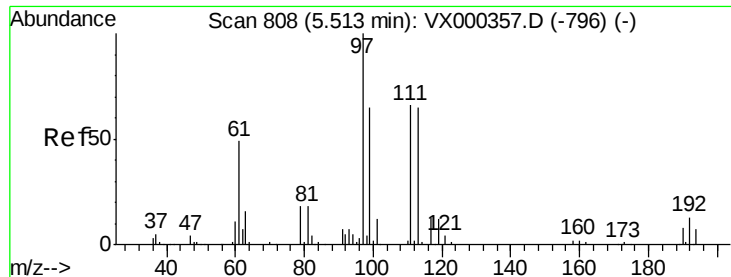
Tot Ion: 65 Resp: 78759
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000447.D
 Acq: 26 Mar 2018 17:55

Tgt Ion: 114 Resp: 192433
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 38.4
 88 13.3 0.0 27.0

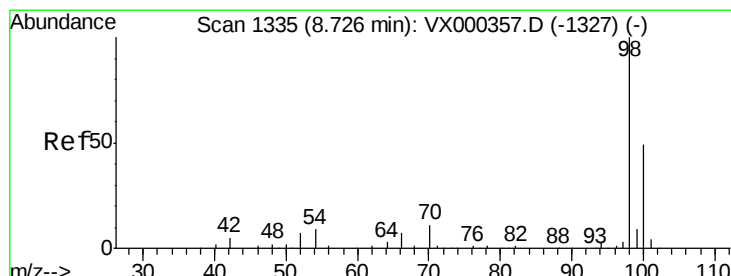
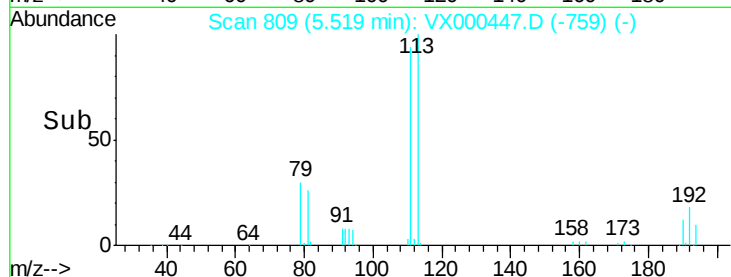
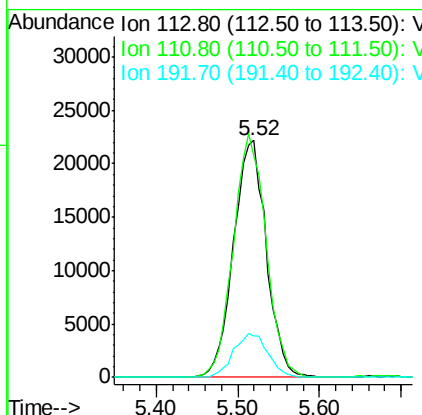
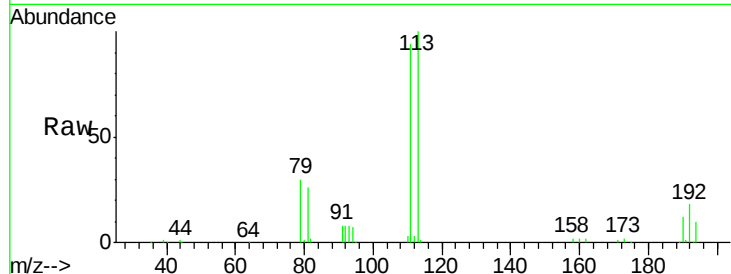




#35
 Dibromofluoromethane
 Concen: 50.91 ug/l
 RT: 5.52 min Scan# 809
 Delta R.T. 0.01 min
 Lab File: VX000447.D
 Acq: 26 Mar 2018 17:55

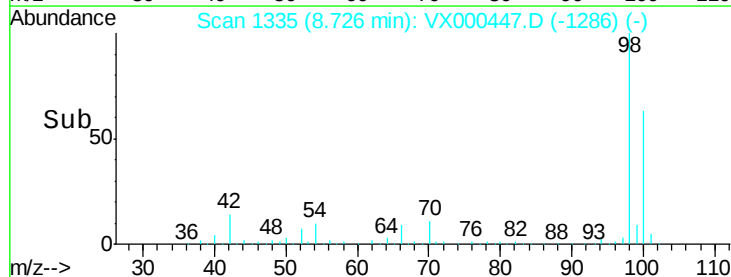
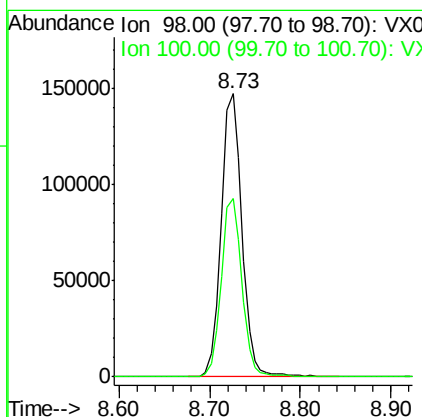
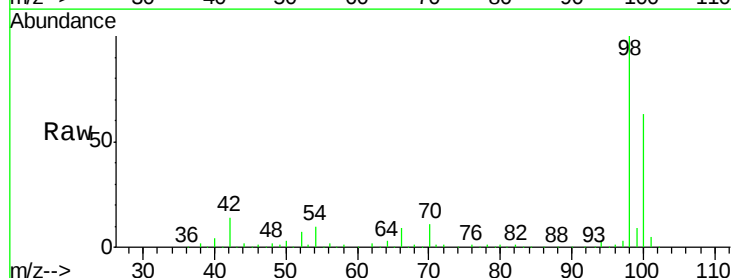
Instrument :
 MSVOA_X
 ClientSampleId :
 TP-3-DB

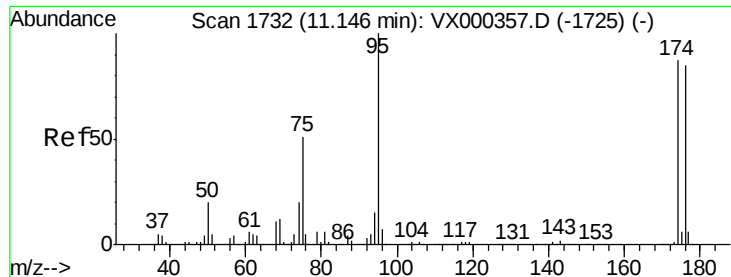
Tot Ion:113 Resp: 61726
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.4 123.6
 192 19.3 15.8 23.6



#50
 Toluene-d8
 Concen: 46.97 ug/l
 RT: 8.73 min Scan# 1335
 Delta R.T. -0.00 min
 Lab File: VX000447.D
 Acq: 26 Mar 2018 17:55

Tgt Ion: 98 Resp: 235878
 Ion Ratio Lower Upper
 98 100
 100 63.3 51.2 76.8





#62

4-Bromofluorobenzene

Concen: 37.67 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000447.D

Acq: 26 Mar 2018 17:55

Instrument :

MSVOA_X

ClientSampleId :

TP-3-DB

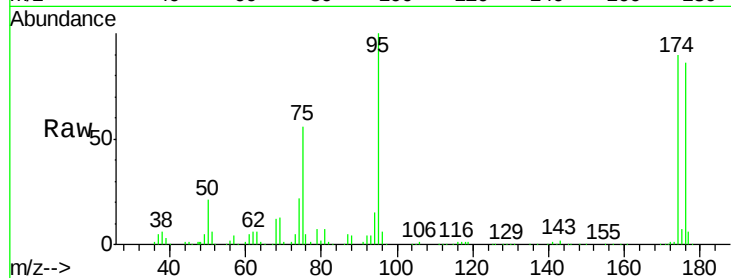
Tot Ion: 95 Resp: 76235

Ion Ratio Lower Upper

95 100

174 92.4 0.0 173.6

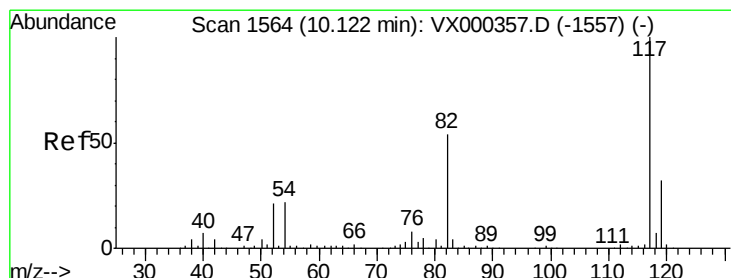
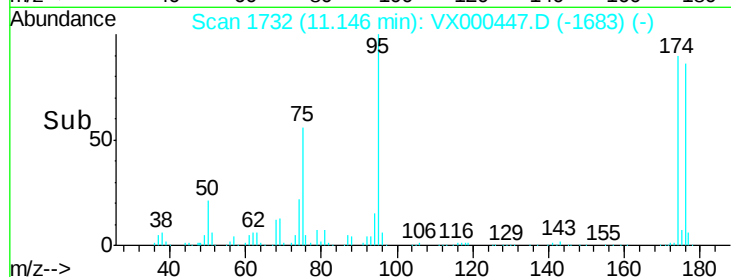
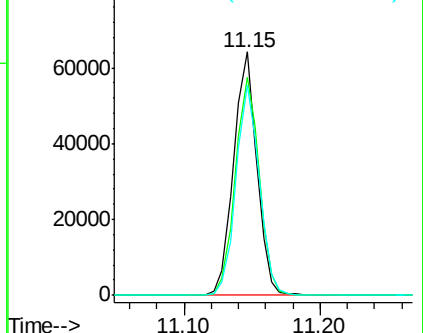
176 87.0 0.0 164.6



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# 1564

Delta R.T. -0.00 min

Lab File: VX000447.D

Acq: 26 Mar 2018 17:55

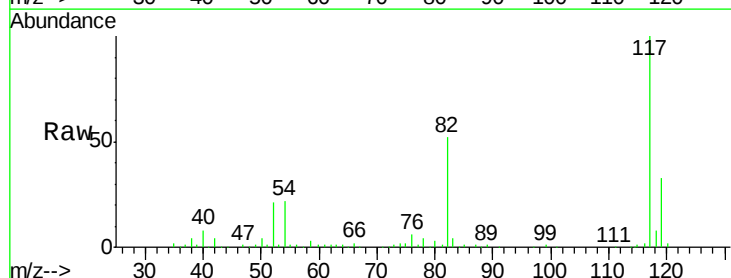
Tgt Ion: 117 Resp: 179932

Ion Ratio Lower Upper

117 100

82 51.8 43.8 65.8

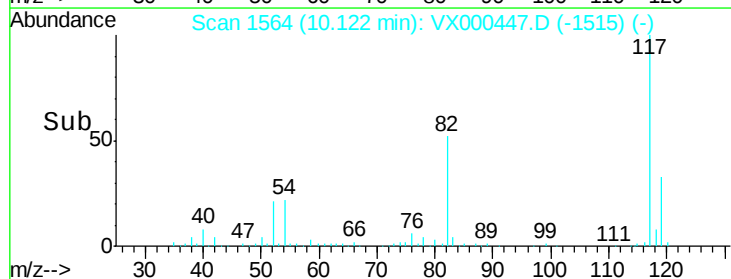
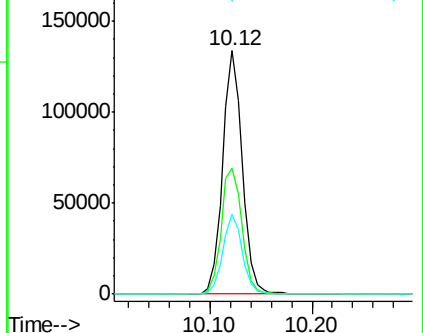
119 32.7 24.9 37.3

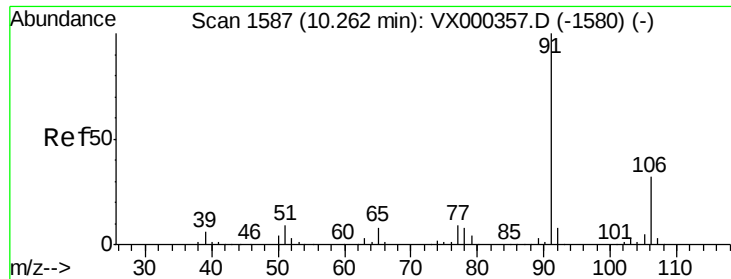


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#67

Ethyl Benzene

Concen: 0.45 ug/l

RT: 10.26 min Scan# 1587

Delta R.T. -0.00 min

Lab File: VX000447.D

Acq: 26 Mar 2018 17:55

Instrument :

MSVOA_X

ClientSampled :

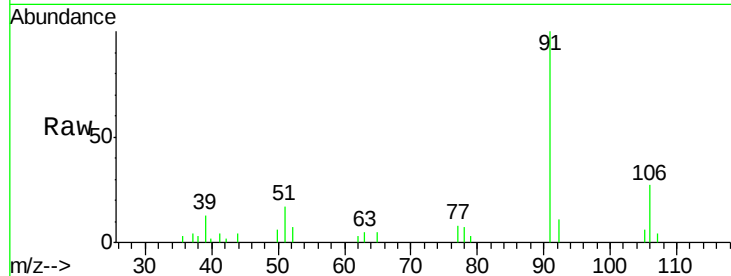
TP-3-DB

Tot Ion: 91 Resp: 3040

Ion Ratio Lower Upper

91 100

106 27.2 25.0 37.6



Abundance Ion 91.00 (90.70 to 91.70): VX000357.D (-1580) (-)

Ion 106.00 (105.70 to 106.70): VX000357.D (-1580) (-)

10.26

2500

2000

1500

1000

500

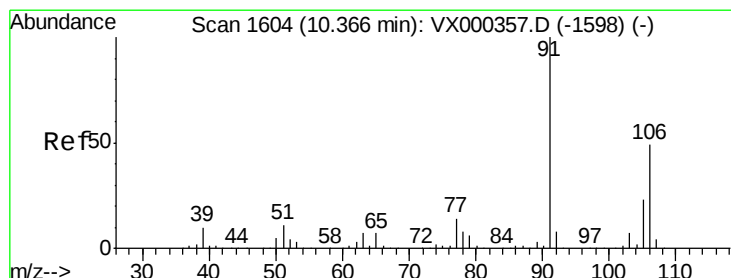
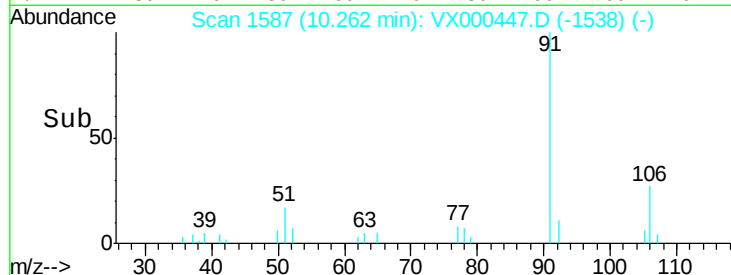
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Time-->

10.20

10.25

10.30



#68

m/p-Xylenes

Concen: 1.35 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX000447.D

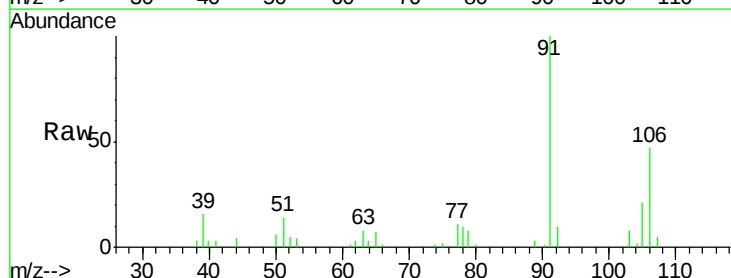
Acq: 26 Mar 2018 17:55

Tgt Ion: 106 Resp: 3597

Ion Ratio Lower Upper

106 100

91 191.9 163.4 245.2



Abundance Ion 106.00 (105.70 to 106.70): VX000357.D (-1598) (-)

Ion 91.00 (90.70 to 91.70): VX000357.D (-1598) (-)

10.37

6000

5000

4000

3000

2000

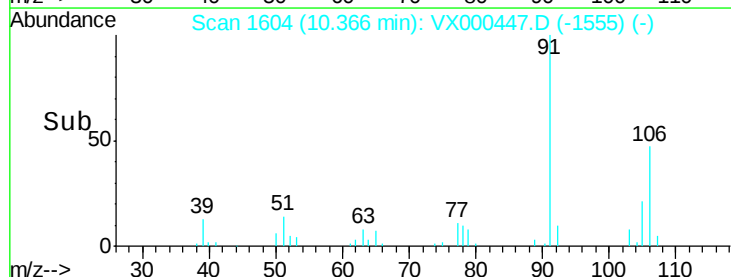
1000

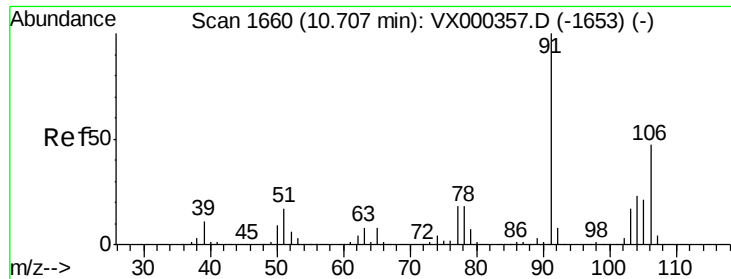
0

Time-->

10.35

10.40

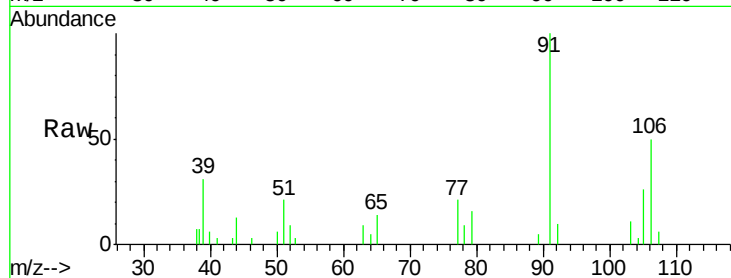




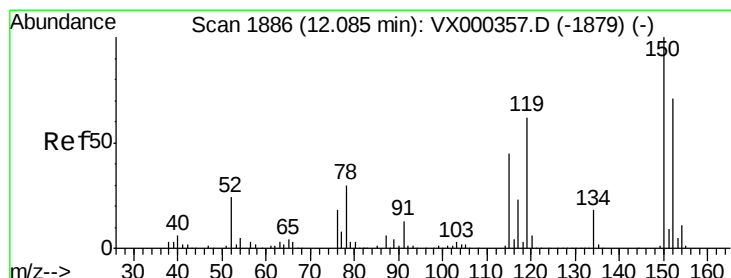
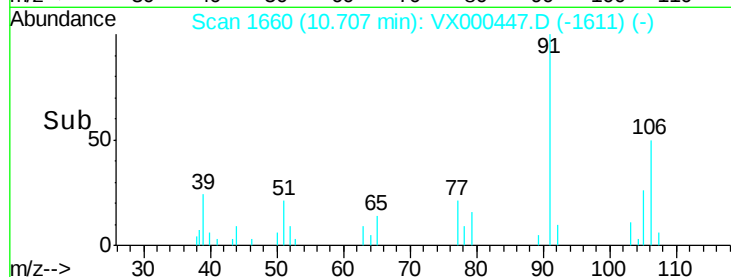
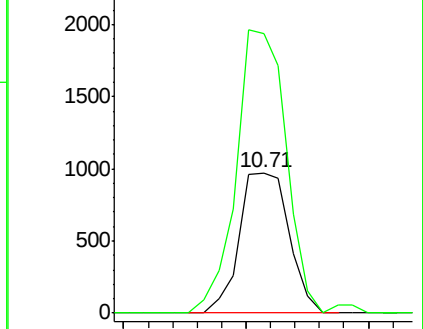
#69
o-Xylene
Concen: 0.53 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000447.D
Acq: 26 Mar 2018 17:55

Instrument :
MSVOA_X
ClientSampled :
TP-3-DB

Tot Ion:106 Resp: 1374
Ion Ratio Lower Upper
106 100
91 204.4 106.5 319.6

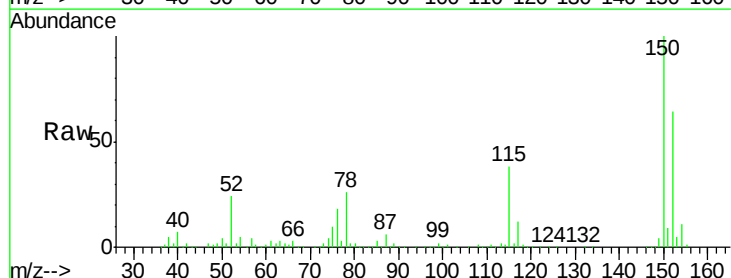


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

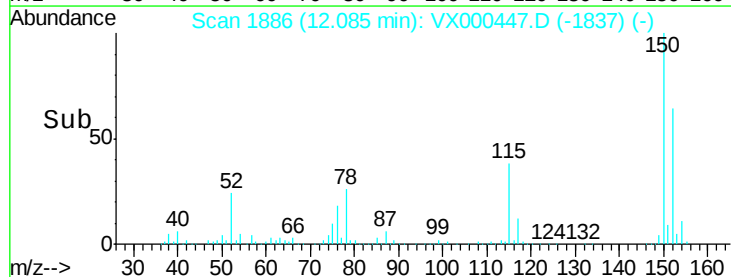
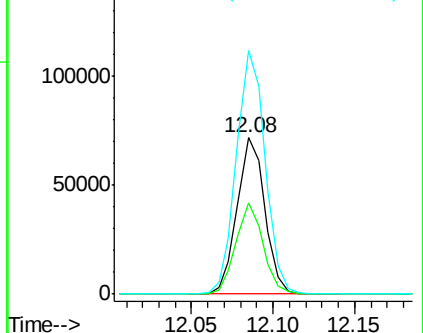


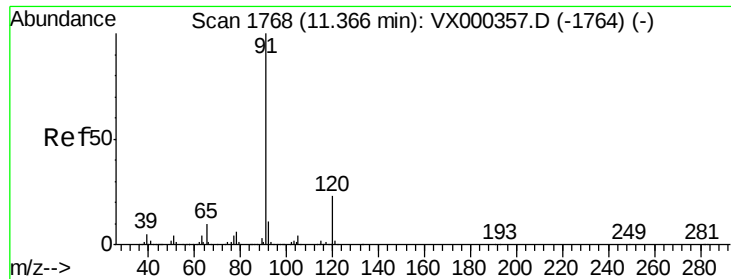
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000447.D
Acq: 26 Mar 2018 17:55

Tgt Ion:152 Resp: 85256
Ion Ratio Lower Upper
152 100
115 57.1 39.8 119.3
150 160.7 0.0 344.4



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: 0.28 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000447.D

Acq: 26 Mar 2018 17:55

Instrument :

MSVOA_X

ClientSampleId :

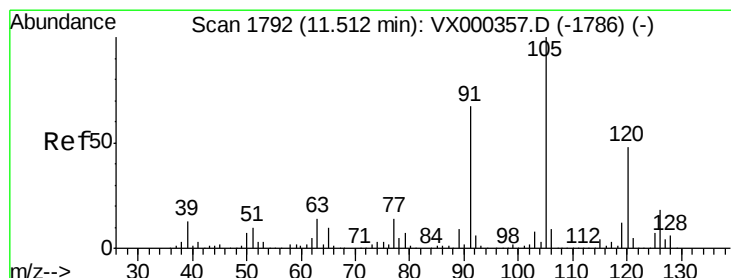
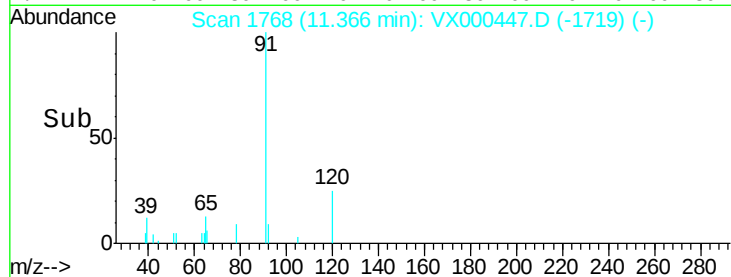
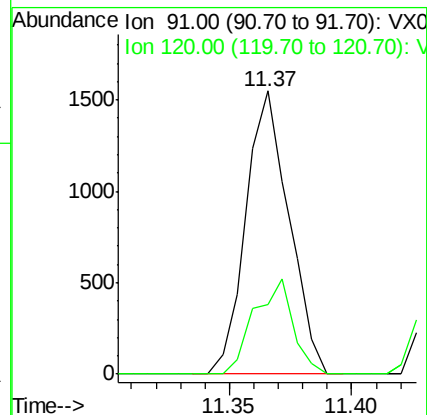
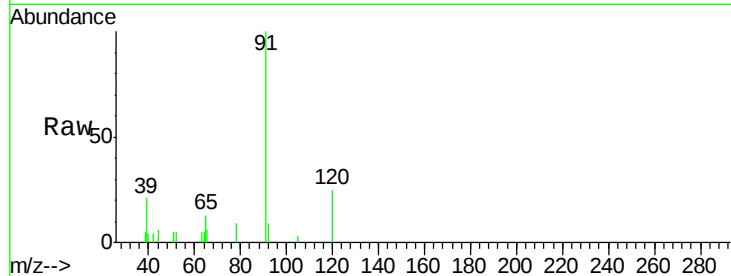
TP-3-DB

Tot Ion: 91 Resp: 1901

Ion Ratio Lower Upper

91 100

120 30.3 11.8 35.3



#80

1,3,5-Trimethylbenzene

Concen: 0.66 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX000447.D

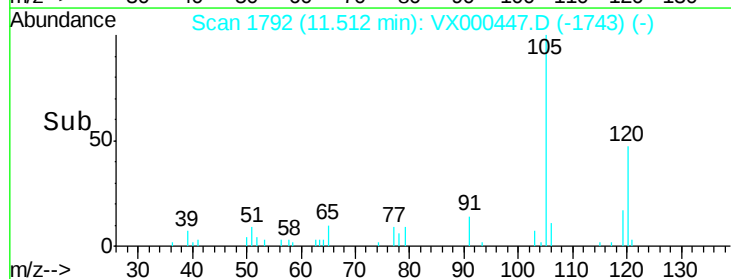
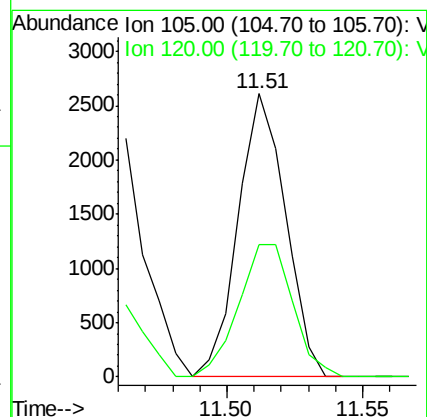
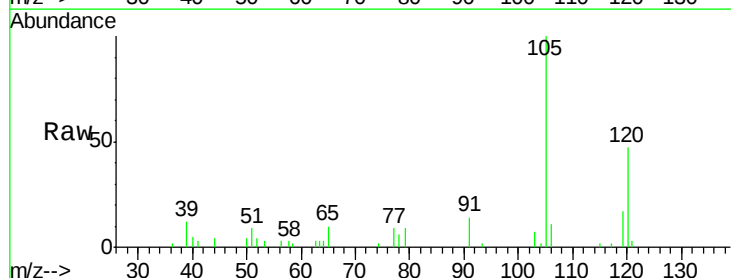
Acq: 26 Mar 2018 17:55

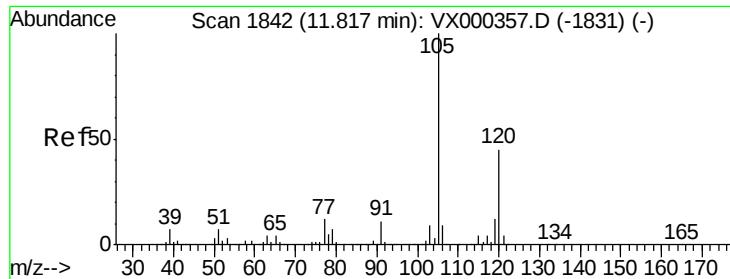
Tgt Ion:105 Resp: 3156

Ion Ratio Lower Upper

105 100

120 53.9 24.1 72.4

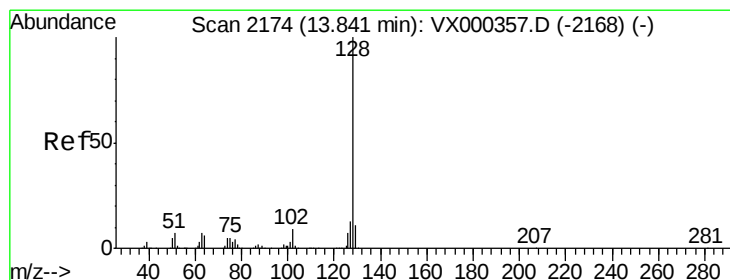
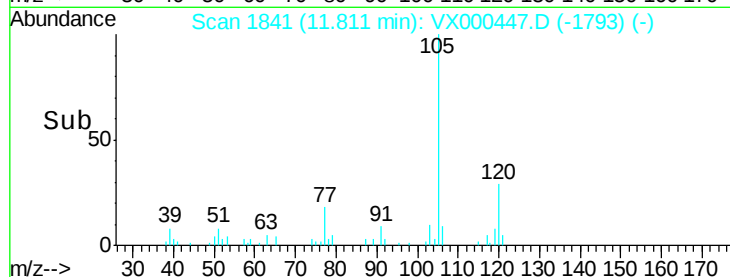
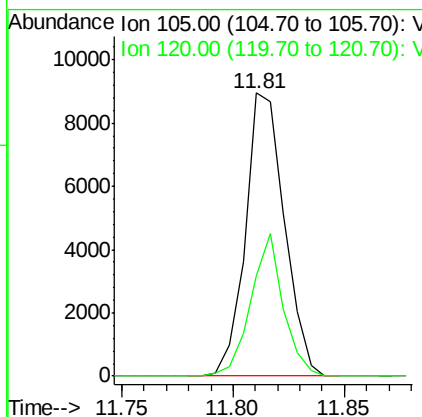
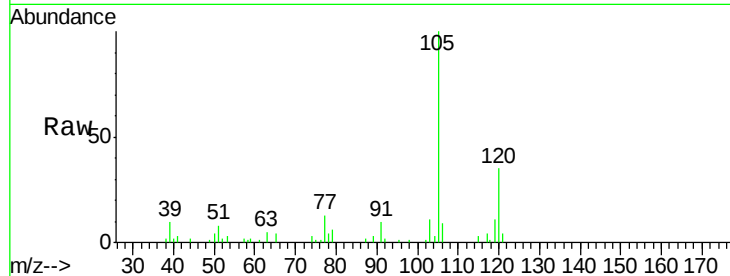




#84
 1,2,4-Trimethylbenzene
 Concen: 2.19 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: VX000447.D
 Acq: 26 Mar 2018 17:55

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-3-DB

Tot Ion:105 Resp: 10920
 Ion Ratio Lower Upper
 105 100
 120 41.6 22.4 67.3



#95
 Naphthalene
 Concen: 1.70 ug/l
 RT: 13.84 min Scan# 2174
 Delta R.T. -0.00 min
 Lab File: VX000447.D
 Acq: 26 Mar 2018 17:55

Tgt Ion:128 Resp: 11867
 Ion Ratio Lower Upper
 128 100
 127 15.4 10.6 15.8
 129 12.5 8.9 13.3

