

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122618\
 Data File : VX006816.D
 Acq On : 26 Dec 2018 14:16
 Operator : JC/MD
 Sample : J6549-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TW-1

Quant Time: Dec 27 09:07:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	673553	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	993688	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	919845	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	470475	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	343230	47.28	ug/l	0.00
Spiked Amount			Recovery	=	94.56%	
35) Dibromofluoromethane	5.50	113	298869	47.56	ug/l	0.00
Spiked Amount			Recovery	=	95.12%	
50) Toluene-d8	8.71	98	1174038	49.56	ug/l	0.00
Spiked Amount			Recovery	=	99.12%	
62) 4-Bromofluorobenzene	11.13	95	430772	49.65	ug/l	0.00
Spiked Amount			Recovery	=	99.30%	

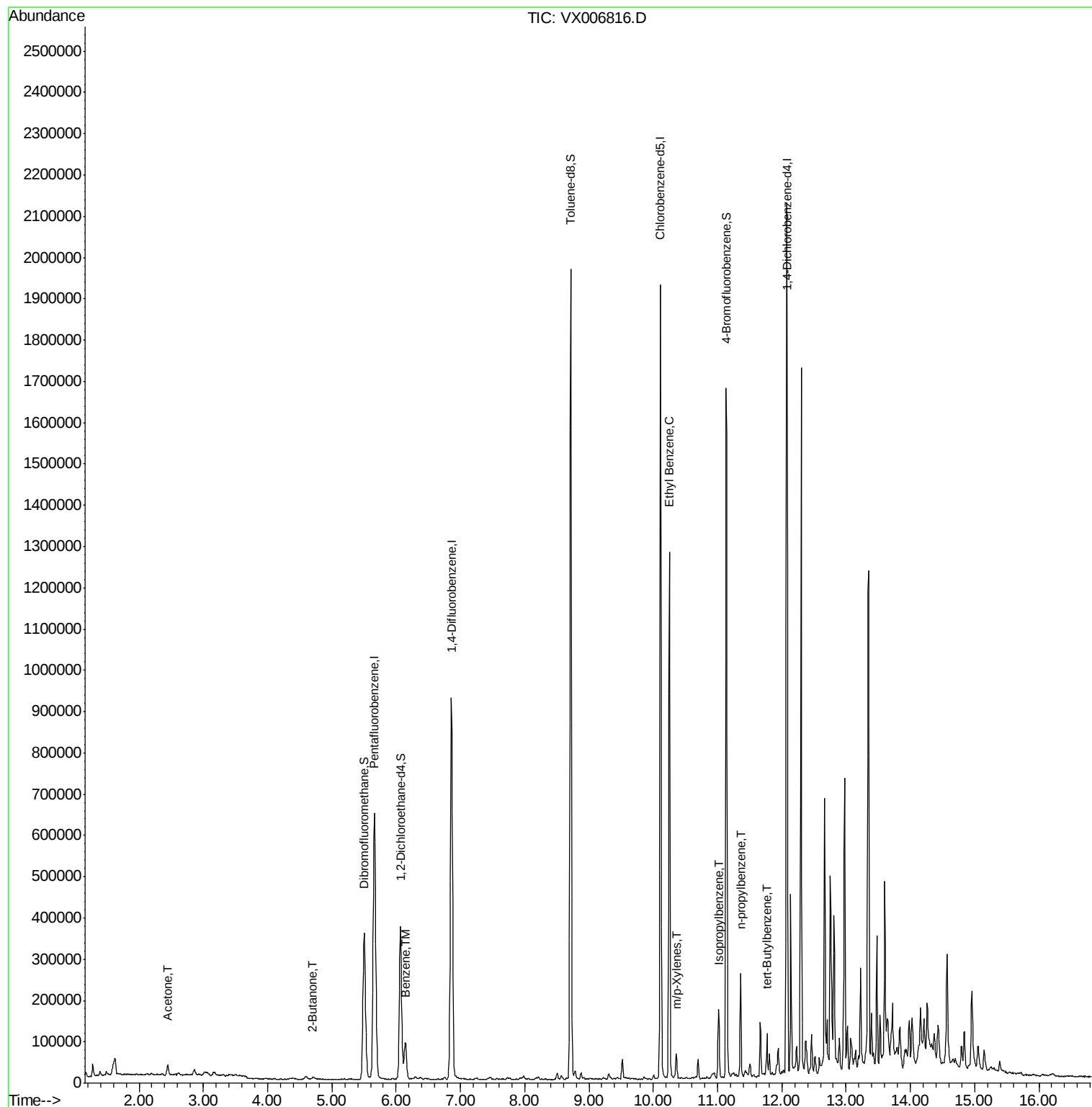
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	27551	8.261	ug/l	94
25) 2-Butanone	4.70	43	10894	2.322	ug/l #	87
40) Benzene	6.14	78	107328	4.290	ug/l	100
67) Ethyl Benzene	10.25	91	713794	22.447	ug/l	98
68) m/p-Xylenes	10.36	106	15924	1.269	ug/l	97
73) Isopropylbenzene	11.02	105	89358	2.776	ug/l	97
78) n-propylbenzene	11.36	91	150048	4.233	ug/l	99
83) tert-Butylbenzene	11.77	119	36503	1.376	ug/l	87

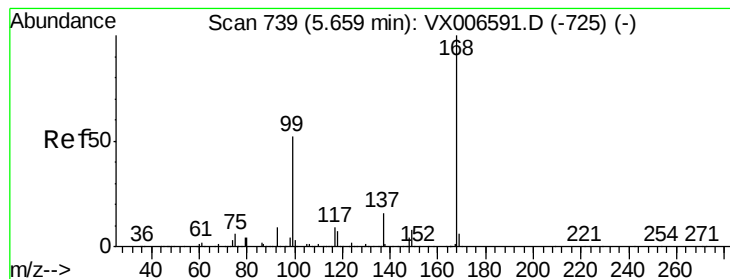
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX122618\
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MSVOA_X
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TW-1

Quant Time: Dec 27 09:07:19 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 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: VX006816.D

Acq: 26 Dec 2018 14:16

Instrument :

MSVOA_X

ClientSampleId :

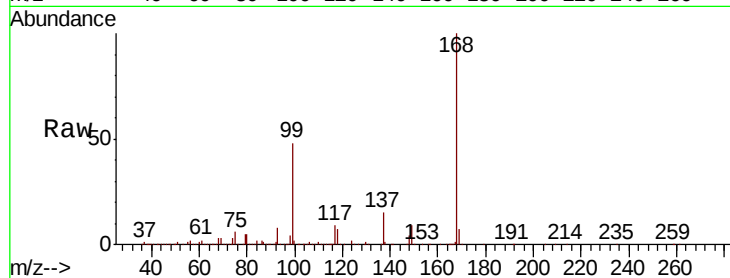
TW-1

Tot Ion:168 Resp: 673553

Ion Ratio Lower Upper

168 100

99 47.4 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

250000

200000

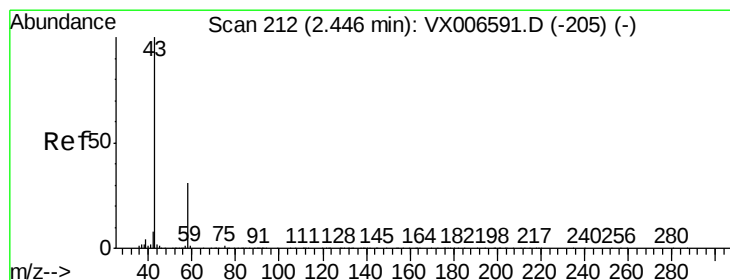
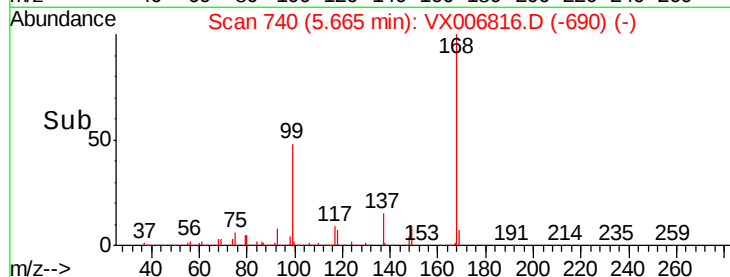
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 8.261 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006816.D

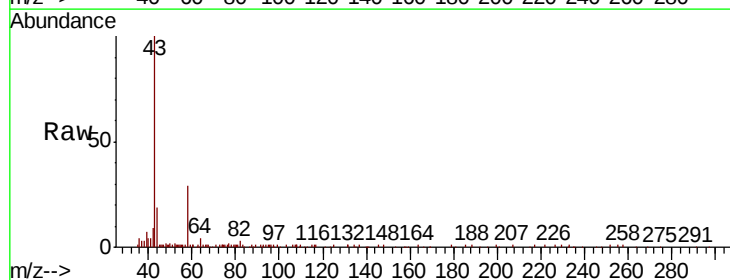
Acq: 26 Dec 2018 14:16

Tgt Ion: 43 Resp: 27551

Ion Ratio Lower Upper

43 100

58 28.0 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

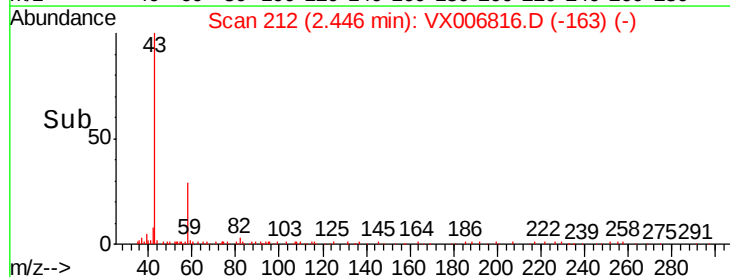
15000

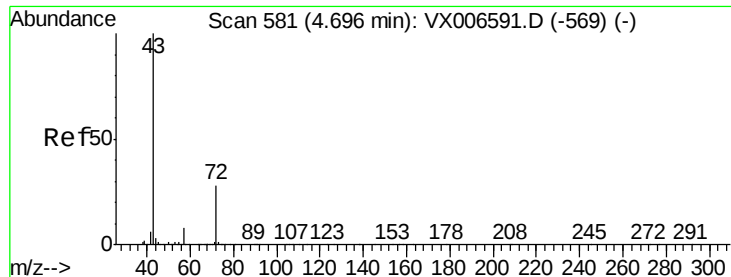
10000

5000

0

Time-->





#25

2-Butanone

Concen: 2.322 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX006816.D

Acq: 26 Dec 2018 14:16

Instrument :

MSVOA_X

ClientSampleId :

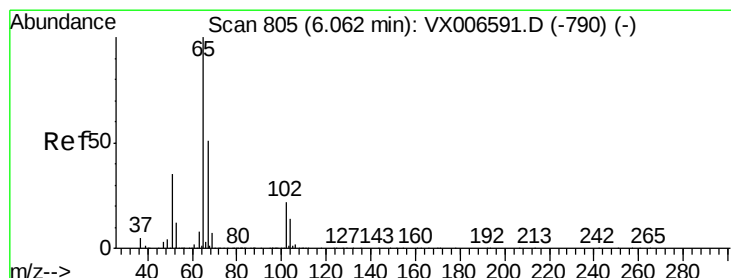
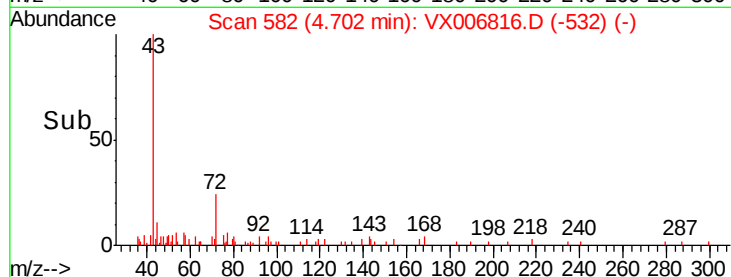
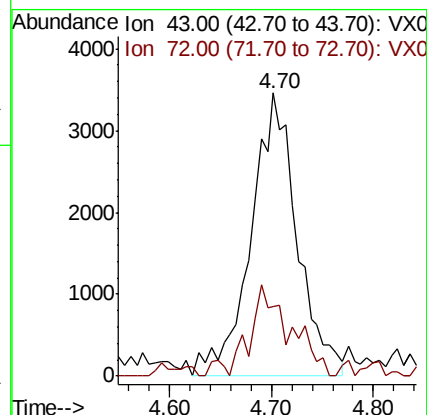
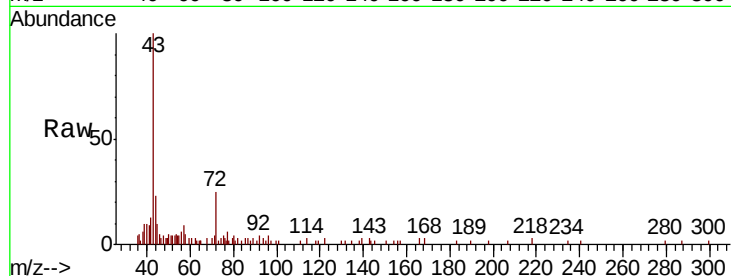
TW-1

Tot Ion: 43 Resp: 10894

Ion Ratio Lower Upper

43 100

72 21.4 22.4 33.6#



#33

1,2-Dichloroethane-d4

Concen: 47.282 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006816.D

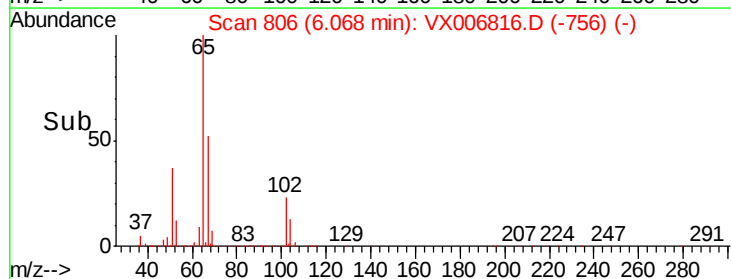
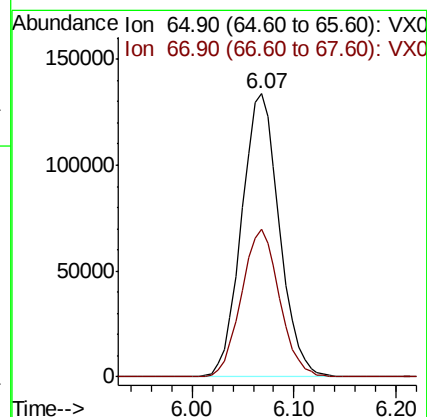
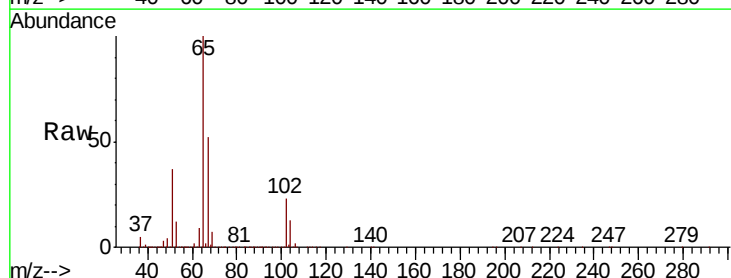
Acq: 26 Dec 2018 14:16

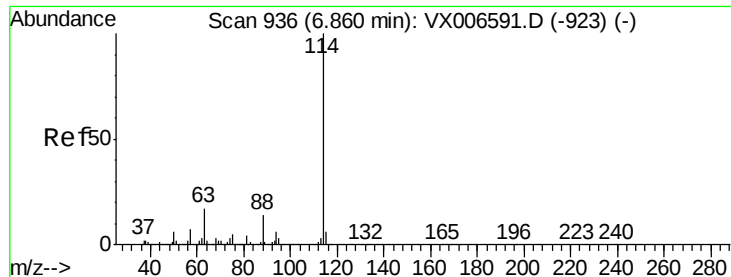
Tgt Ion: 65 Resp: 343230

Ion Ratio Lower Upper

65 100

67 52.7 0.0 105.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006816.D

Acq: 26 Dec 2018 14:16

Instrument :

MSVOA_X

ClientSampled :

TW-1

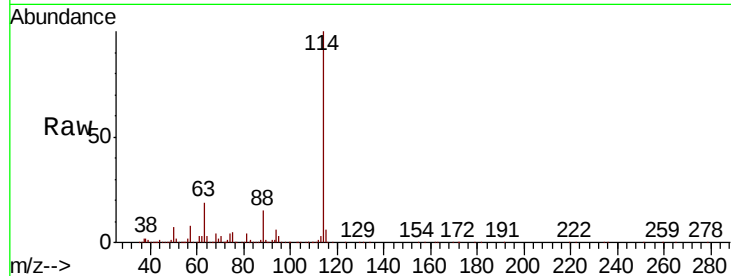
Tot Ion:114 Resp: 993688

Ion Ratio Lower Upper

114 100

63 18.7 0.0 34.8

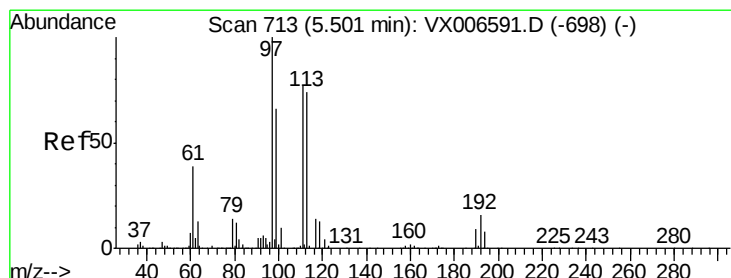
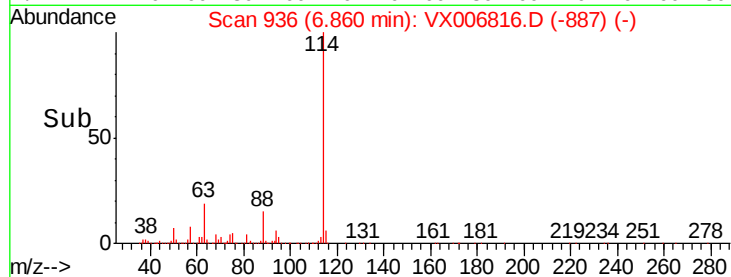
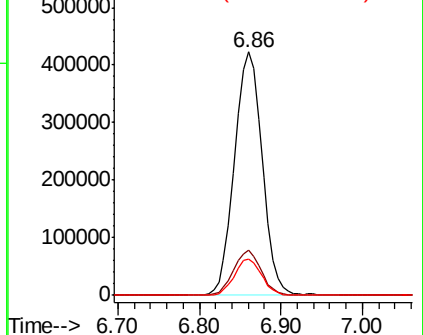
88 14.7 0.0 28.8



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: 47.561 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006816.D

Acq: 26 Dec 2018 14:16

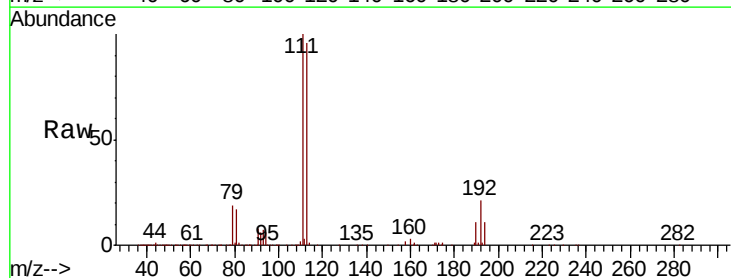
Tgt Ion:113 Resp: 298869

Ion Ratio Lower Upper

113 100

111 101.5 81.6 122.4

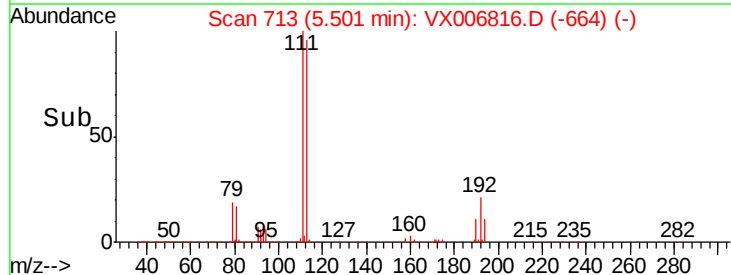
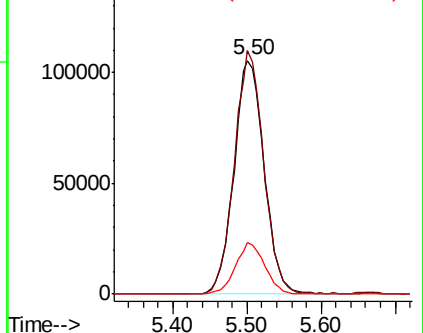
192 21.3 16.7 25.1

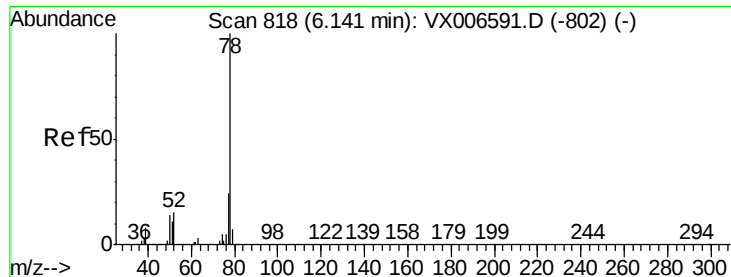


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 4.290 ug/l

RT: 6.14 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX006816.D

Acq: 26 Dec 2018 14:16

Instrument :

MSVOA_X

ClientSampleId :

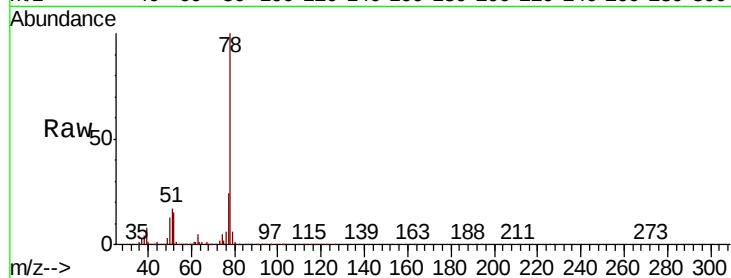
TW-1

Tot Ion: 78 Resp: 107328

Ion Ratio Lower Upper

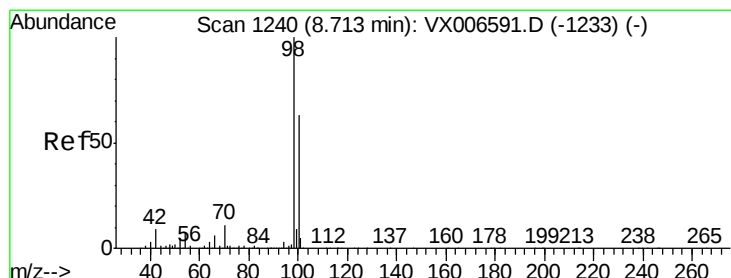
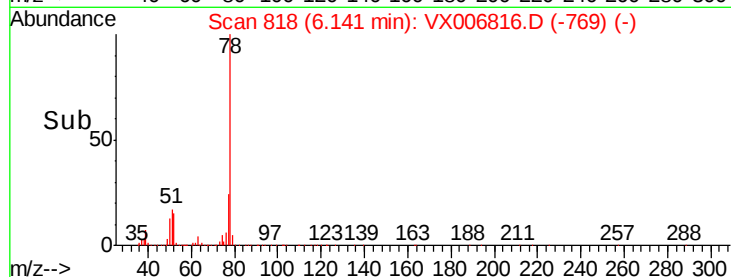
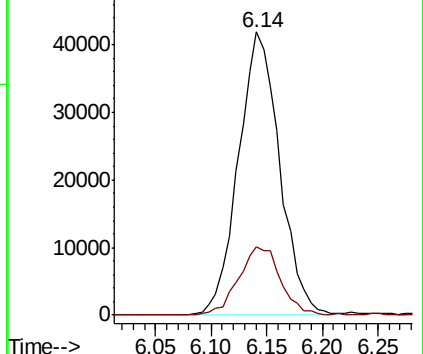
78 100

77 24.0 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#50

Toluene-d8

Concen: 49.557 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006816.D

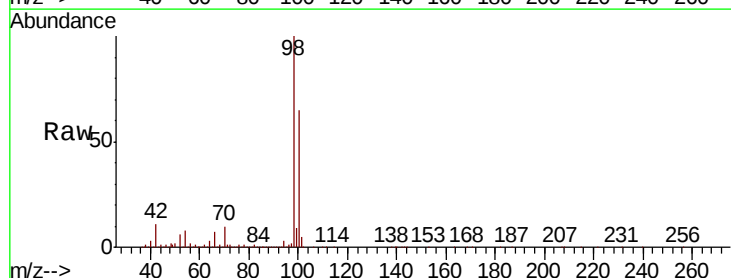
Acq: 26 Dec 2018 14:16

Tgt Ion: 98 Resp: 1174038

Ion Ratio Lower Upper

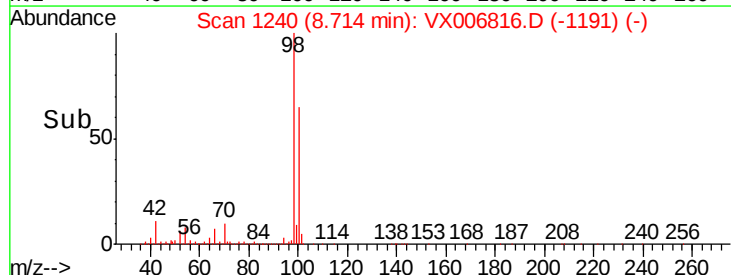
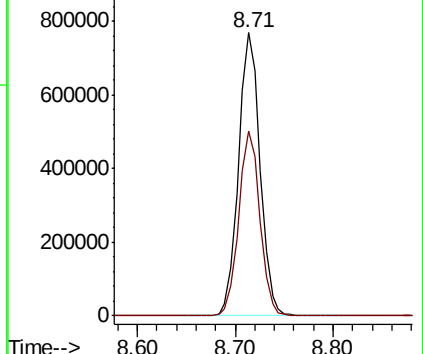
98 100

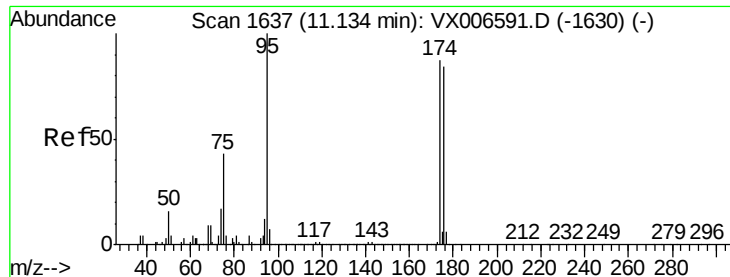
100 64.3 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

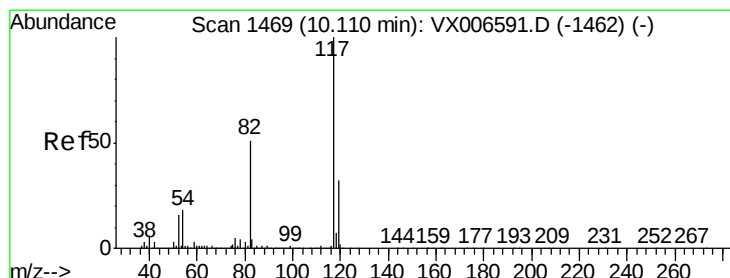
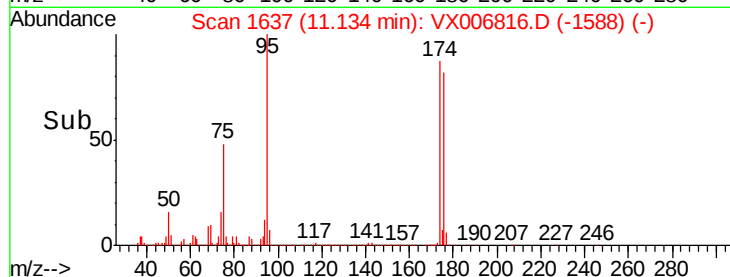
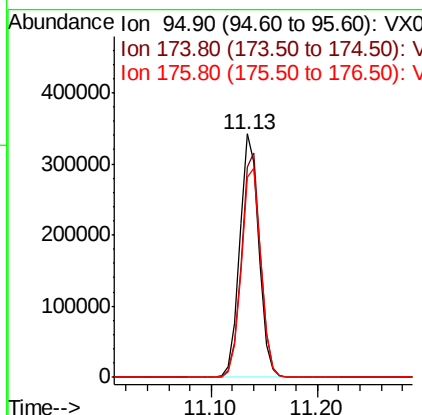
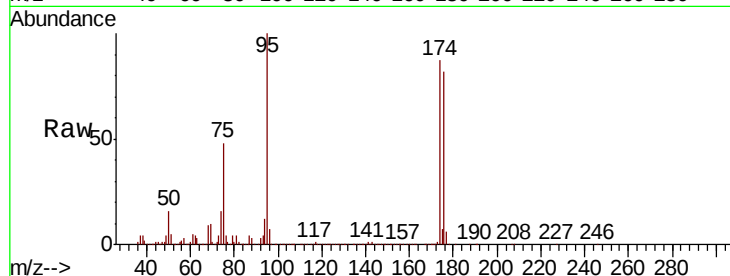




#62
4-Bromofluorobenzene
Concen: 49.648 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX006816.D
Acq: 26 Dec 2018 14:16

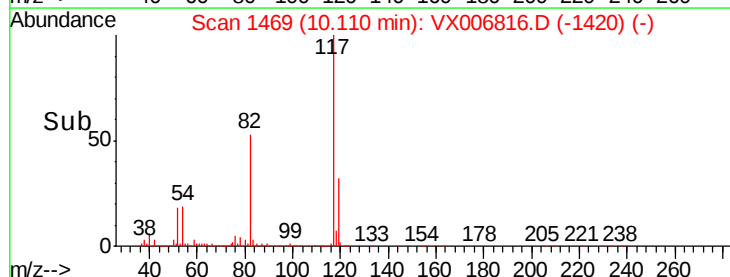
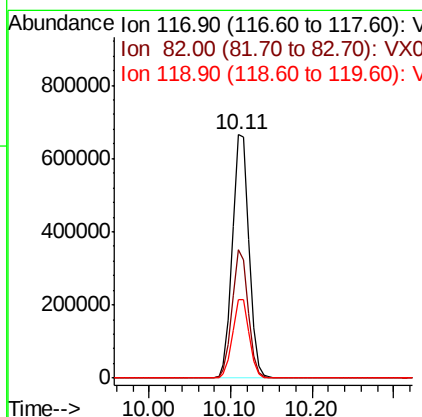
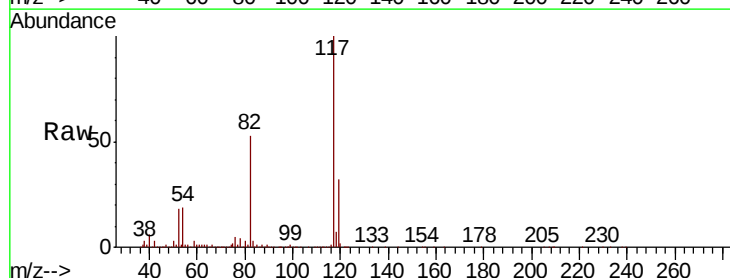
Instrument :
MSVOA_X
ClientSampled :
TW-1

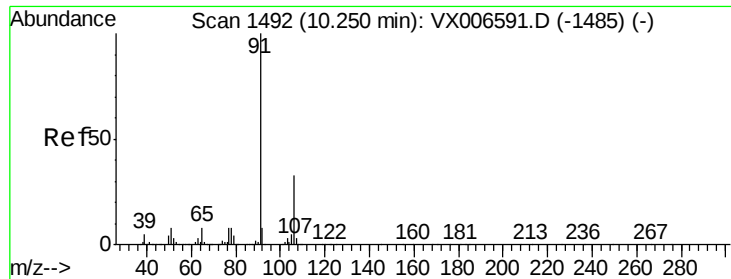
Tot Ion: 95 Resp: 430772
Ion Ratio Lower Upper
95 100
174 92.1 0.0 182.2
176 88.3 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX006816.D
Acq: 26 Dec 2018 14:16

Tgt Ion: 117 Resp: 919845
Ion Ratio Lower Upper
117 100
82 52.6 41.0 61.6
119 32.1 25.4 38.0





#67

Ethyl Benzene

Concen: 22.447 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX006816.D

Acq: 26 Dec 2018 14:16

Instrument :

MSVOA_X

ClientSampleId :

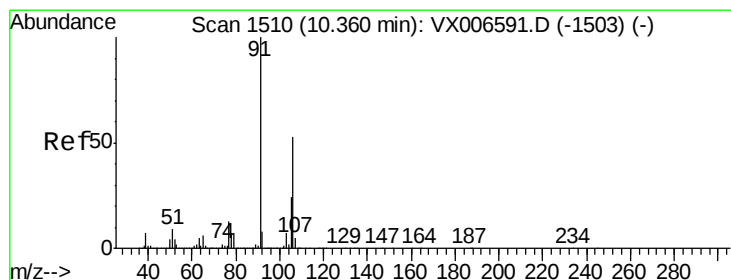
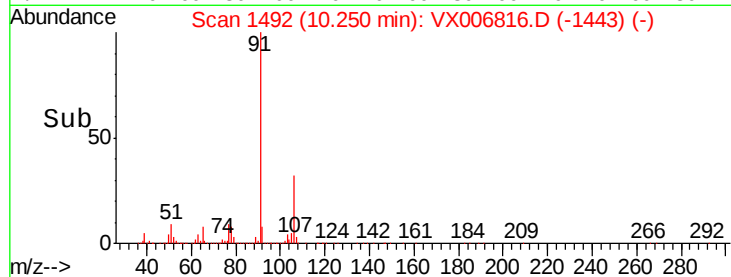
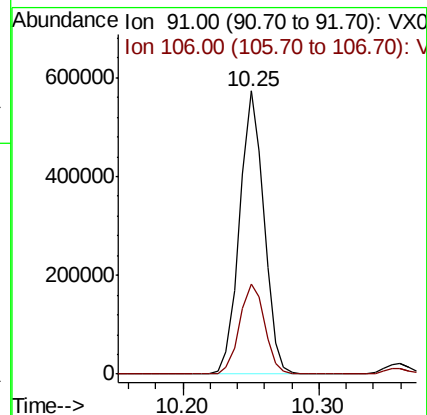
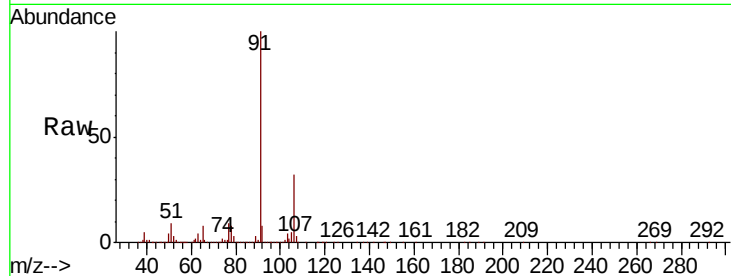
TW-1

Tot Ion: 91 Resp: 713794

Ion Ratio Lower Upper

91 100

106 31.8 26.4 39.6



#68

m/p-Xylenes

Concen: 1.269 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006816.D

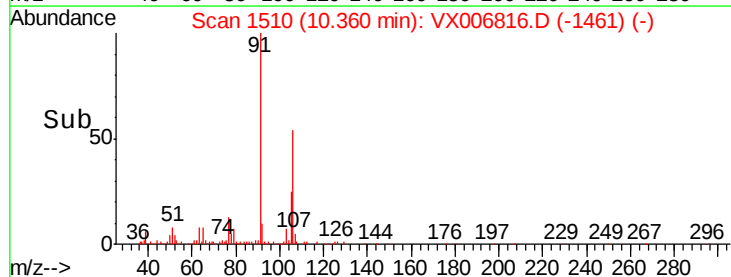
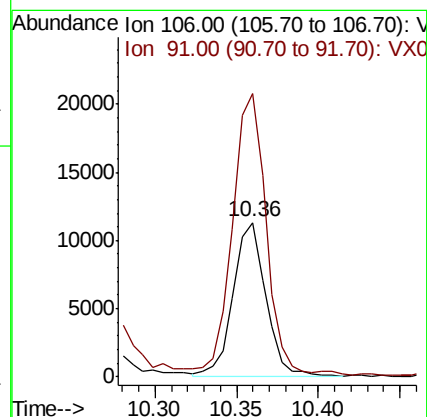
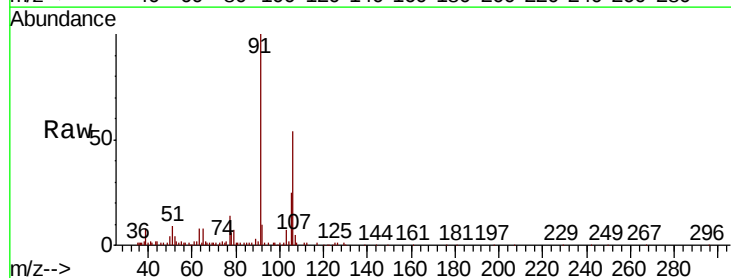
Acq: 26 Dec 2018 14:16

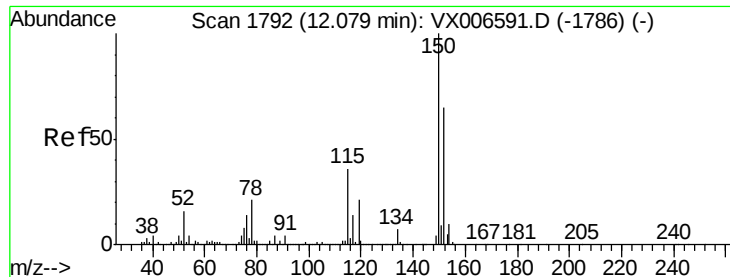
Tgt Ion: 106 Resp: 15924

Ion Ratio Lower Upper

106 100

91 190.7 155.8 233.6



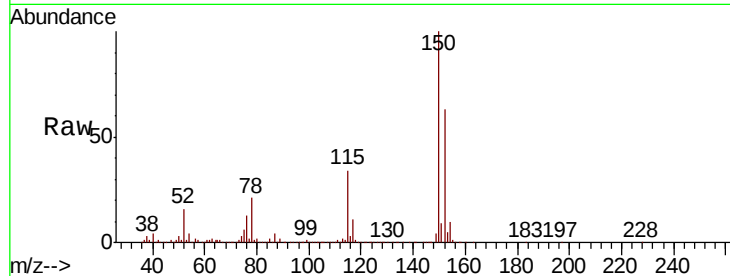


#72

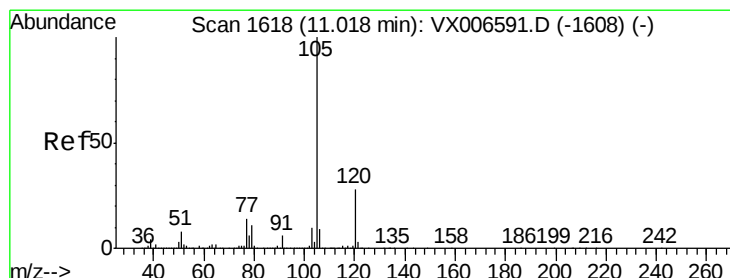
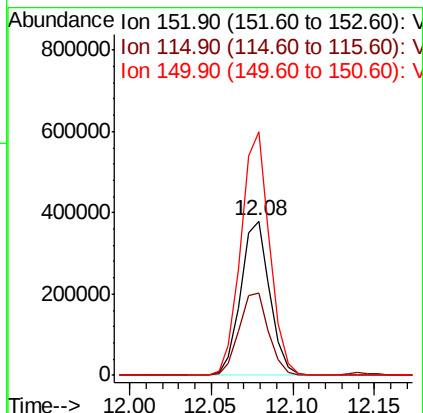
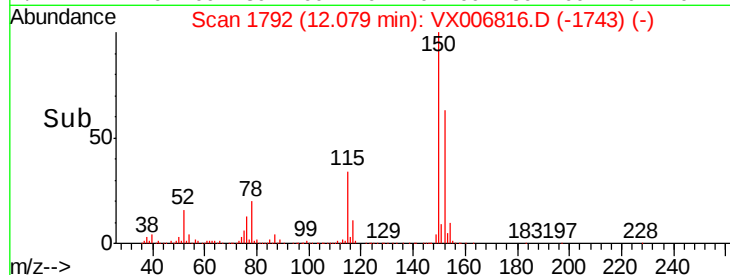
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006816.D
Acq: 26 Dec 2018 14:16

Instrument :
MSVOA_X
ClientSampleId :
TW-1

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.9	39.1	117.2
150	156.6	0.0	344.8



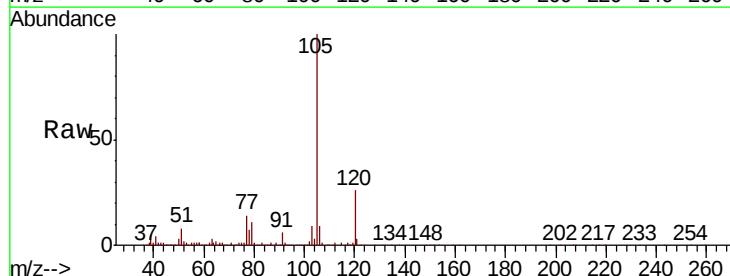
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



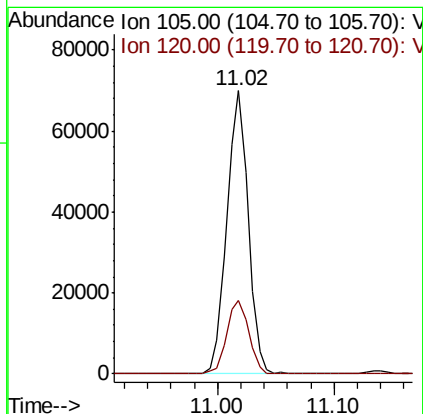
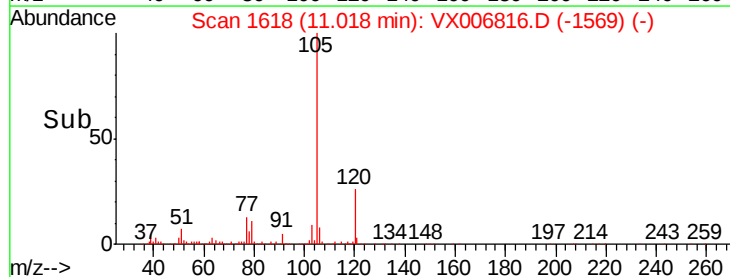
#73

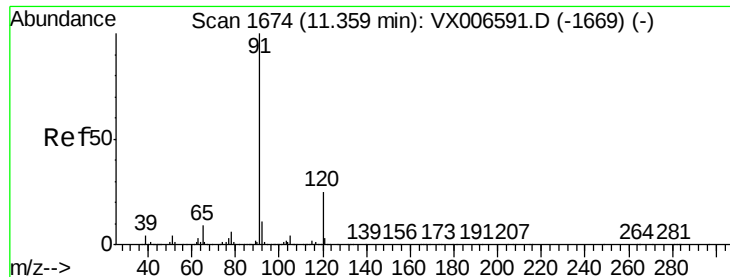
Isopropylbenzene
Concen: 2.776 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX006816.D
Acq: 26 Dec 2018 14:16

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.8	14.1	42.4



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 4.233 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006816.D

Acq: 26 Dec 2018 14:16

Instrument :

MSVOA_X

ClientSampled :

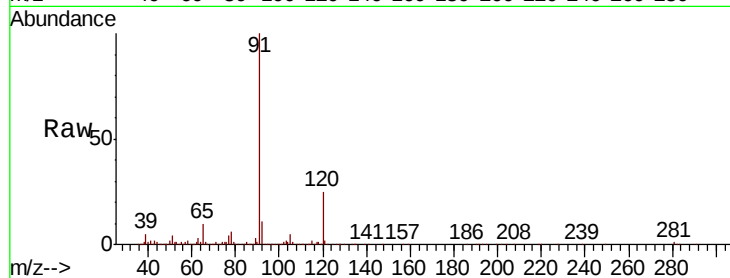
TW-1

Tot Ion: 91 Resp: 150048

Ion Ratio Lower Upper

91 100

120 24.8 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX006816.D (-1669) (-)

Ion 120.00 (119.70 to 120.70): VX006816.D (-1669) (-)

11.36

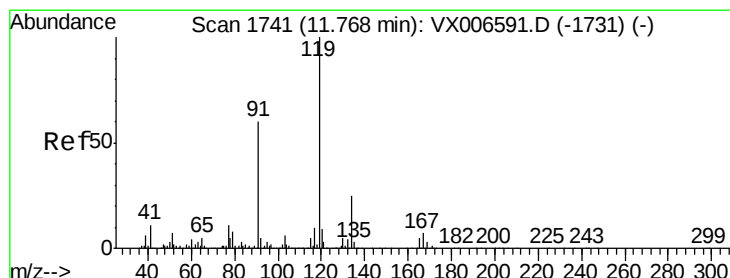
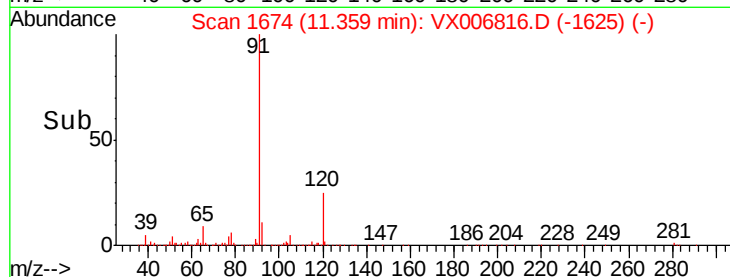
100000

50000

0

Time-->

11.30 11.35 11.40



#83

tert-Butylbenzene

Concen: 1.376 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX006816.D

Acq: 26 Dec 2018 14:16

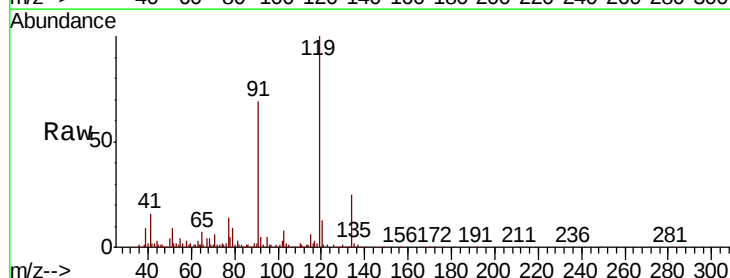
Tgt Ion: 119 Resp: 36503

Ion Ratio Lower Upper

119 100

91 68.2 27.7 83.1

134 24.9 11.9 35.5



Abundance Ion 119.00 (118.70 to 119.70): VX006816.D (-1692) (-)

Ion 91.00 (90.70 to 91.70): VX006816.D (-1692) (-)

Ion 134.00 (133.70 to 134.70): VX006816.D (-1692) (-)

11.77

30000

20000

10000

0

Time-->

11.70 11.75 11.80

