

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121818\
 Data File : VX006604.D
 Acq On : 18 Dec 2018 18:05
 Operator : JC/MD
 Sample : J6411-18DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-MW-K-1218DL

Quant Time: Dec 19 07:00:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:23:17 2018
 Response via : Initial Calibration

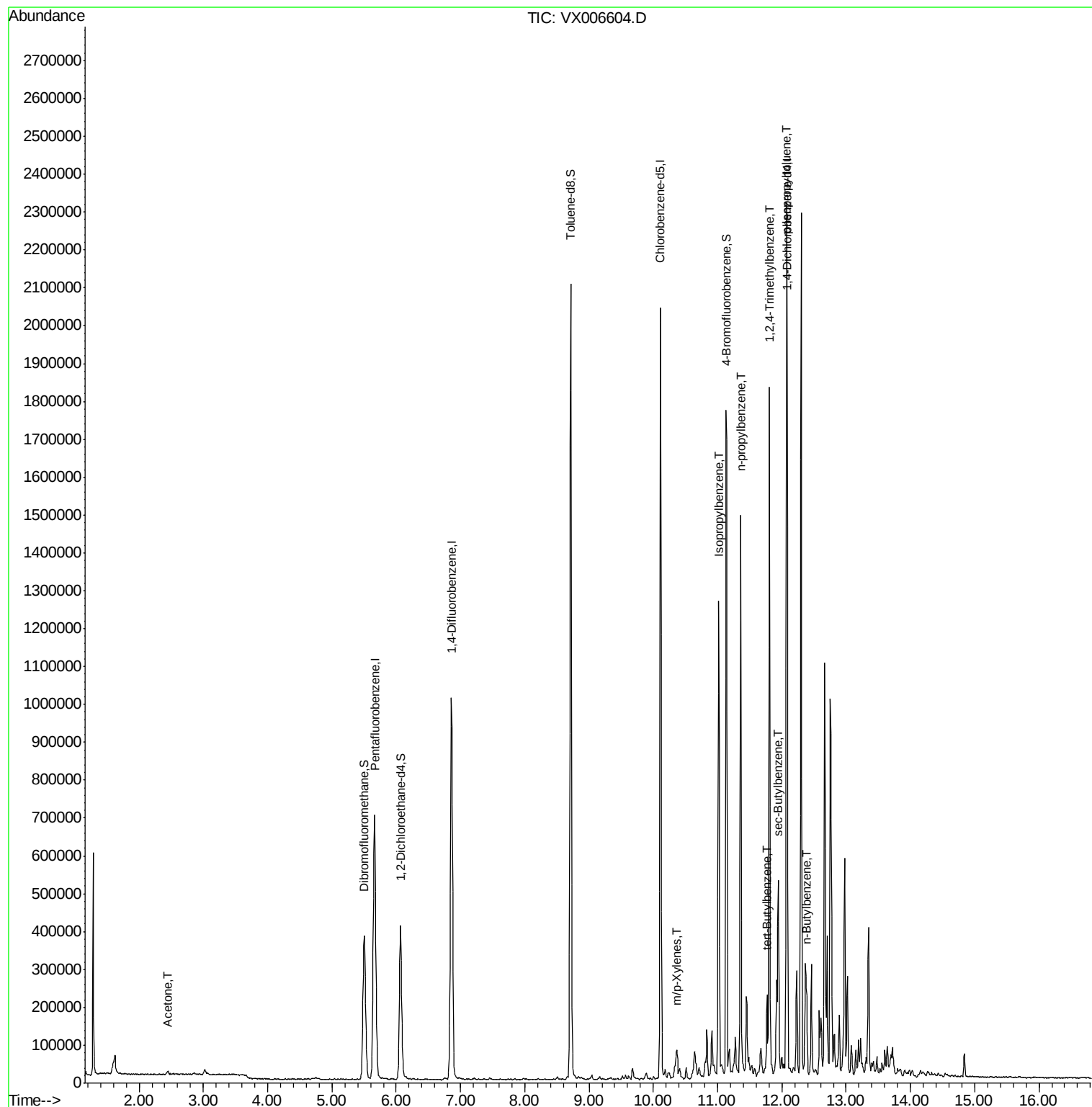
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	705696	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1092777	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1004000	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	495324	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	375705	49.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.80%	
35) Dibromofluoromethane	5.50	113	333332	48.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.48%	
50) Toluene-d8	8.71	98	1297136	49.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.58%	
62) 4-Bromofluorobenzene	11.13	95	483260	50.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.30%	
Target Compounds						
16) Acetone	2.45	43	9384	2.686	ug/l	95
68) m/p-Xylenes	10.36	106	10811	0.789	ug/l	97
73) Isopropylbenzene	11.02	105	648587	19.140	ug/l	98
78) n-propylbenzene	11.36	91	904319	24.234	ug/l	98
83) tert-Butylbenzene	11.77	119	67575	2.419	ug/l	83
84) 1,2,4-Trimethylbenzene	11.80	105	778963	26.534	ug/l	98
85) sec-Butylbenzene	11.94	105	265809	7.761	ug/l	78
86) p-Isopropyltoluene	12.07	119	23892	0.794	ug/l	93
89) n-Butylbenzene	12.39	91	104197	4.067	ug/l #	73

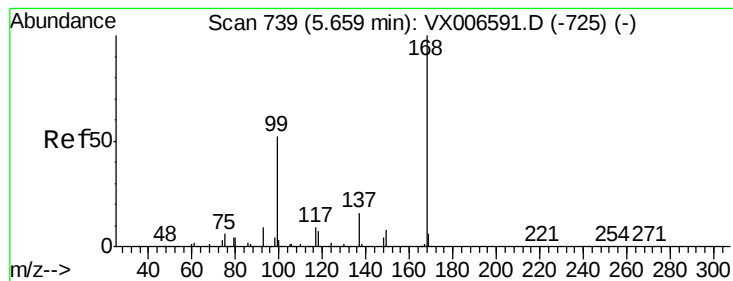
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX121818\
Data File : VX006604.D
Acq On : 18 Dec 2018 18:05
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Quant Time: Dec 19 07:00:44 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 18 13:23:17 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: VX006604.D

Acq: 18 Dec 2018 18:05

Instrument :

MSVOA_X

ClientSampleId :

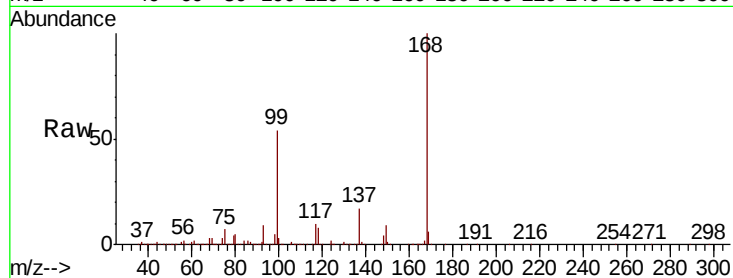
EP1-MW-K-1218DL

Tot Ion:168 Resp: 705696

Ion Ratio Lower Upper

168 100

99 54.1 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

250000

200000

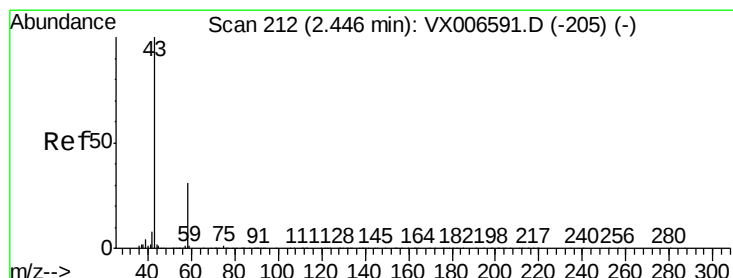
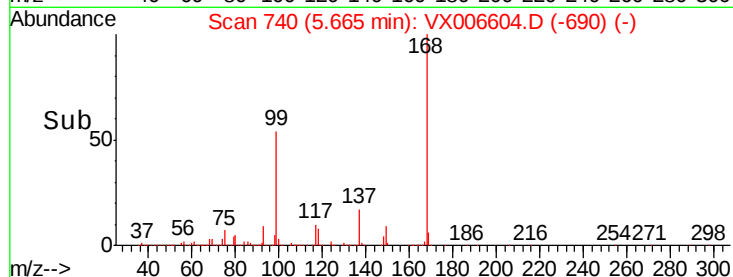
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 2.686 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX006604.D

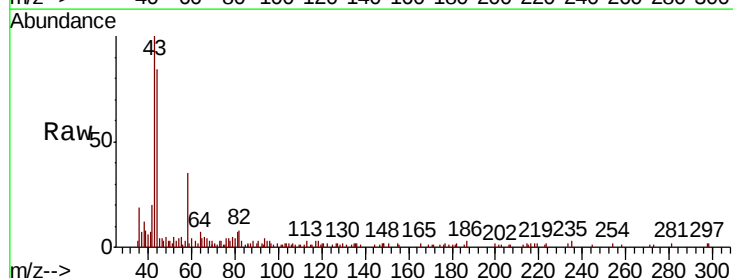
Acq: 18 Dec 2018 18:05

Tgt Ion: 43 Resp: 9384

Ion Ratio Lower Upper

43 100

58 32.5 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

6000

5000

4000

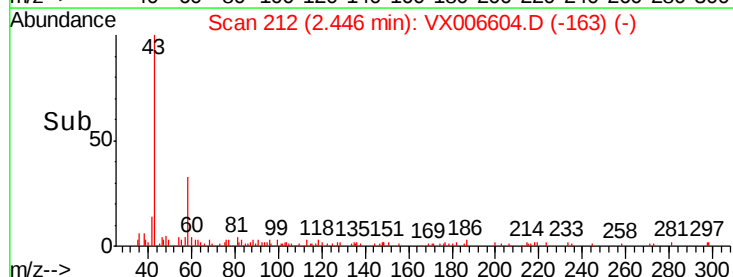
3000

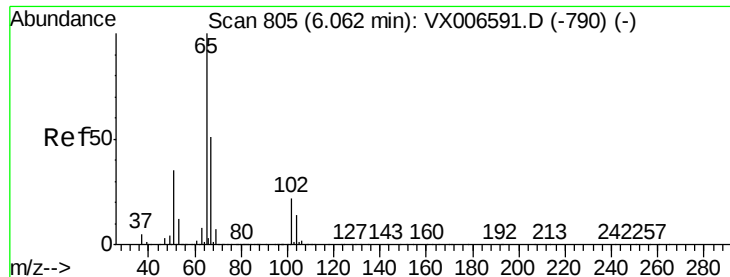
2000

1000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 49.398 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006604.D

Acq: 18 Dec 2018 18:05

Instrument :

MSVOA_X

ClientSampleId :

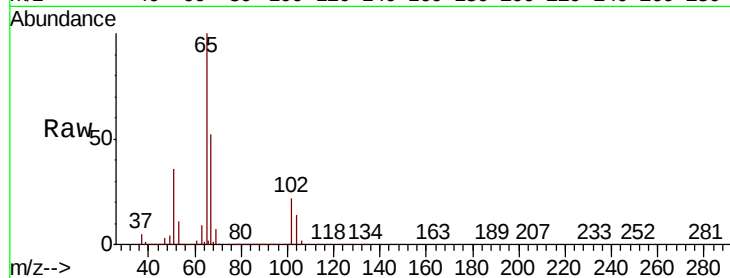
EP1-MW-K-1218DL

Tot Ion: 65 Resp: 375705

Ion Ratio Lower Upper

65 100

67 53.7 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

150000

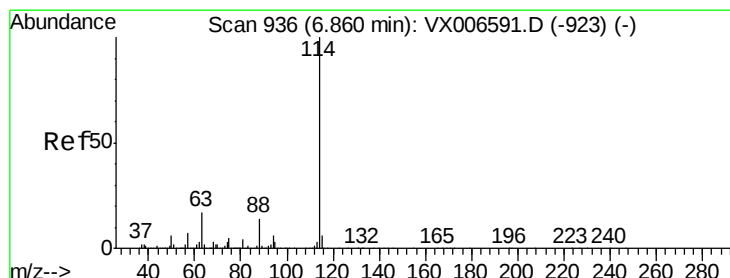
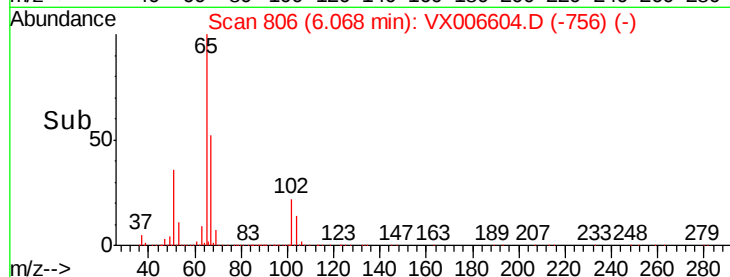
100000

50000

0

Time-->

6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006604.D

Acq: 18 Dec 2018 18:05

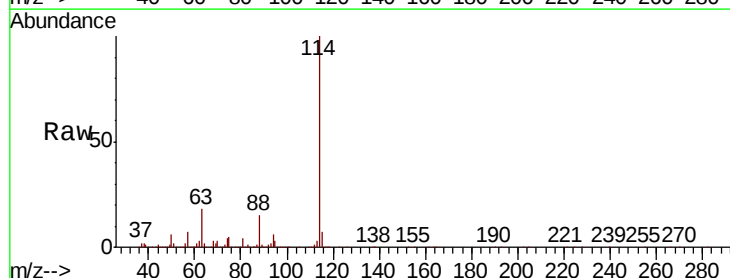
Tgt Ion: 114 Resp: 1092777

Ion Ratio Lower Upper

114 100

63 17.8 0.0 36.6

88 14.7 0.0 29.0



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

6.86

600000

500000

400000

300000

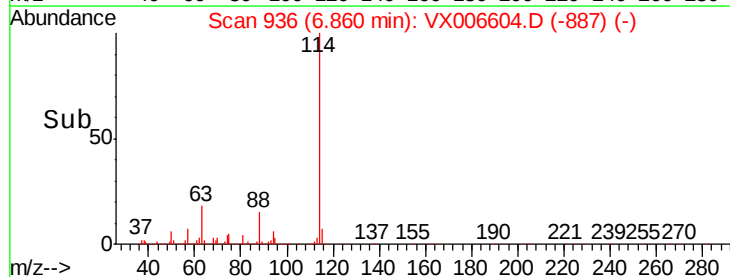
200000

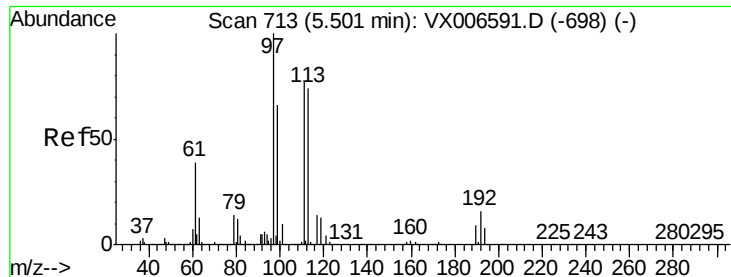
100000

0

Time-->

6.80 6.90 7.00

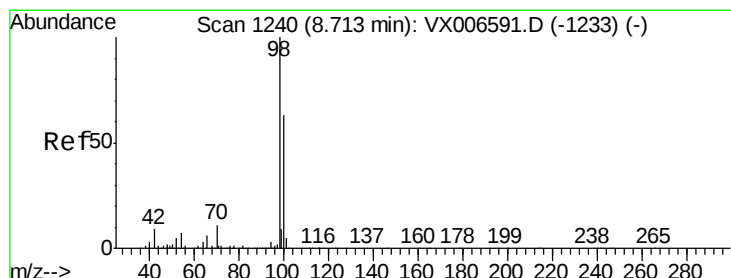
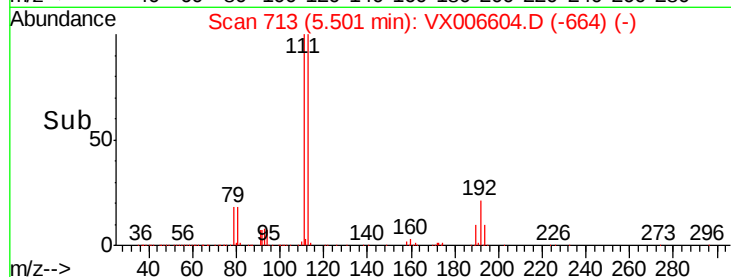
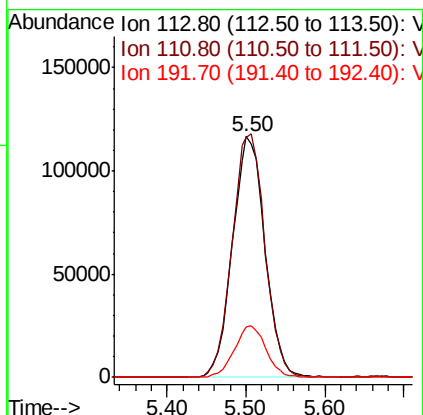
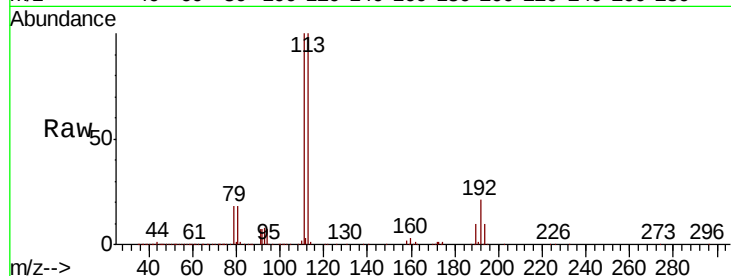




#35
Dibromofluoromethane
Concen: 48.235 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX006604.D
Acq: 18 Dec 2018 18:05

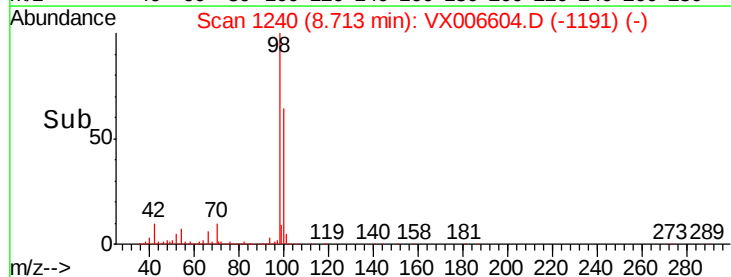
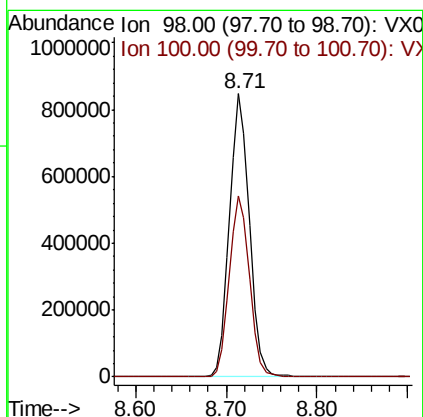
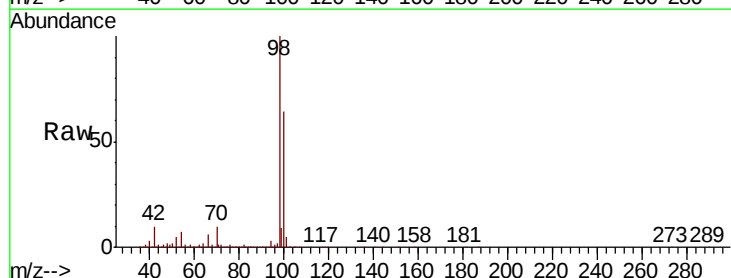
Instrument :
MSVOA_X
ClientSampleId :
EP1-MW-K-1218DL

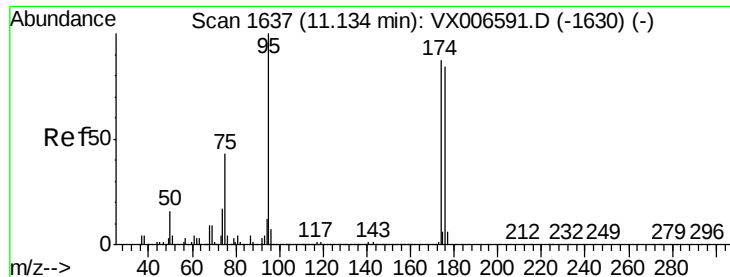
Tot Ion:113 Resp: 333332
Ion Ratio Lower Upper
113 100
111 102.0 81.1 121.7
192 21.1 18.2 27.2



#50
Toluene-d8
Concen: 49.789 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006604.D
Acq: 18 Dec 2018 18:05

Tgt Ion: 98 Resp: 1297136
Ion Ratio Lower Upper
98 100
100 64.8 52.2 78.2





#62

4-Bromofluorobenzene

Concen: 50.647 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX006604.D

Acq: 18 Dec 2018 18:05

Instrument :

MSVOA_X

ClientSampleId :

EP1-MW-K-1218DL

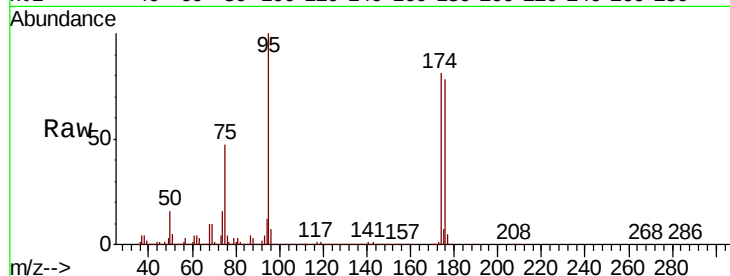
Tot Ion: 95 Resp: 483260

Ion Ratio Lower Upper

95 100

174 86.5 0.0 187.0

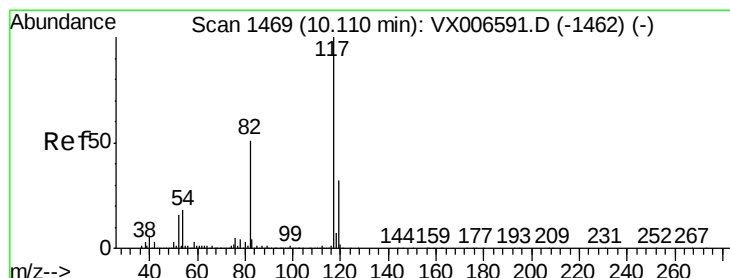
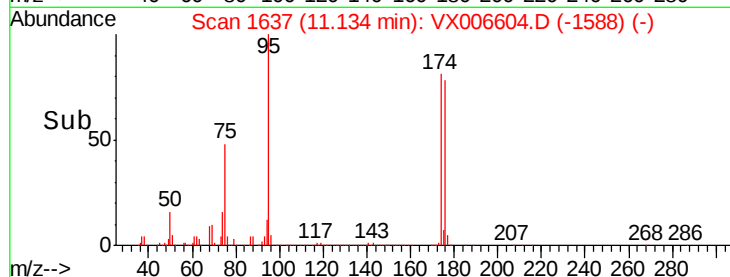
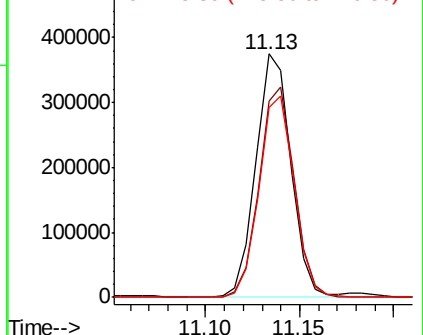
176 83.7 0.0 181.8



Abundance Ion 94.90 (94.60 to 95.60): VX006604.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX006604.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX006604.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX006604.D

Acq: 18 Dec 2018 18:05

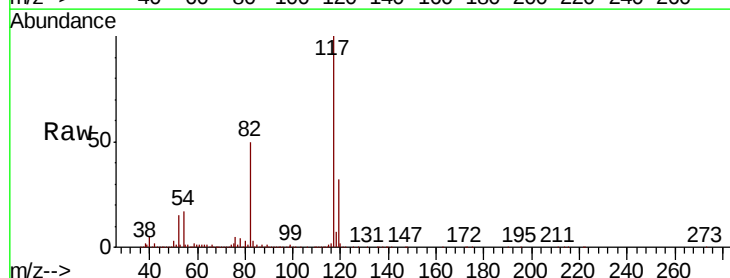
Tgt Ion: 117 Resp: 1004000

Ion Ratio Lower Upper

117 100

82 50.3 39.6 59.4

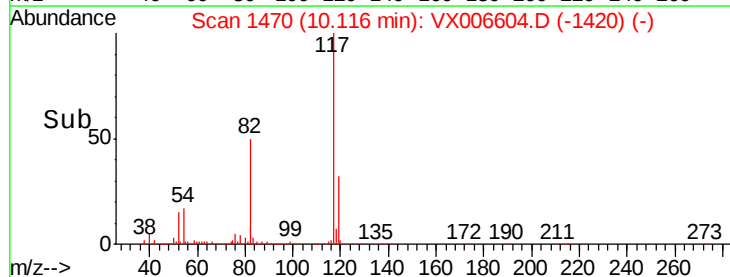
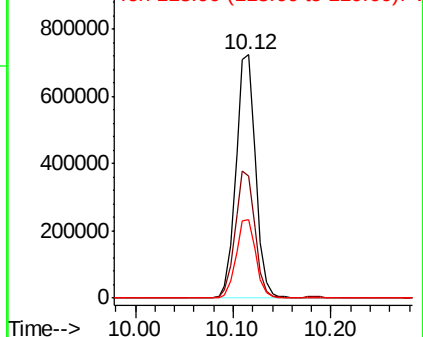
119 32.5 26.3 39.5

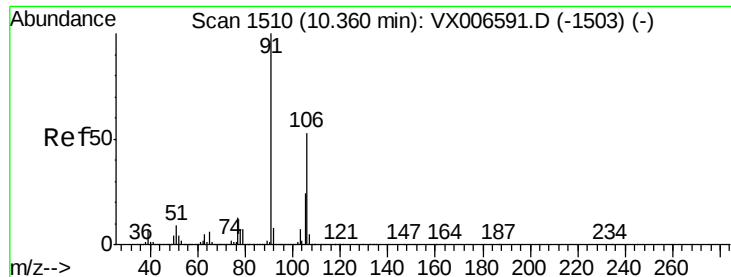


Abundance Ion 116.90 (116.60 to 117.60): VX006604.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX006604.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX006604.D (-1420) (-)

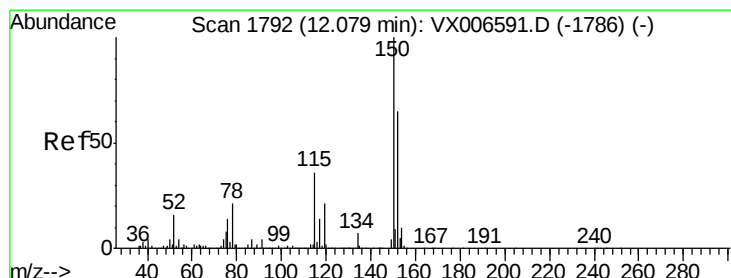
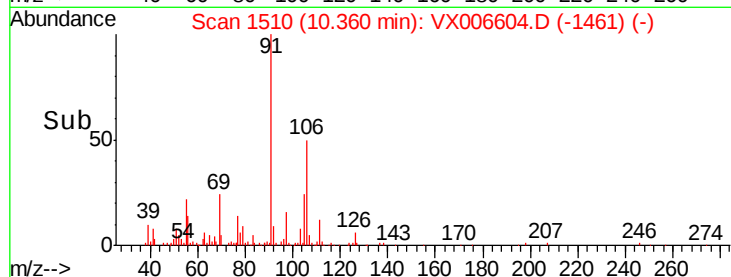
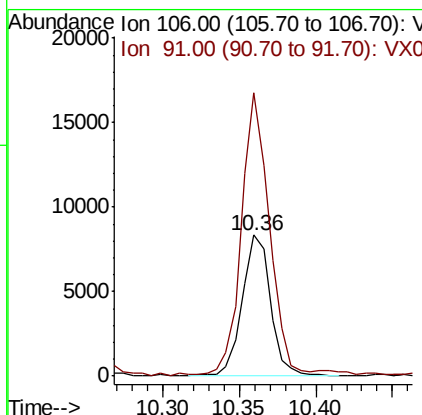
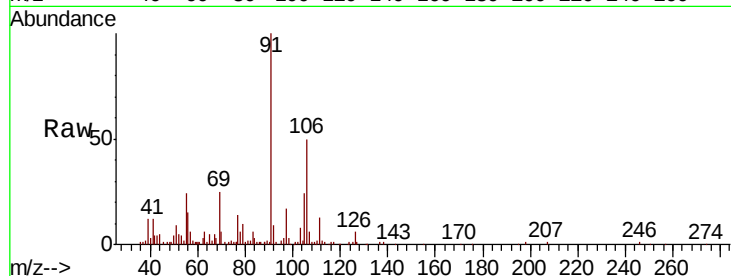




#68
m/p-Xvlenes
Concen: 0.789 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX006604.D
Acq: 18 Dec 2018 18:05

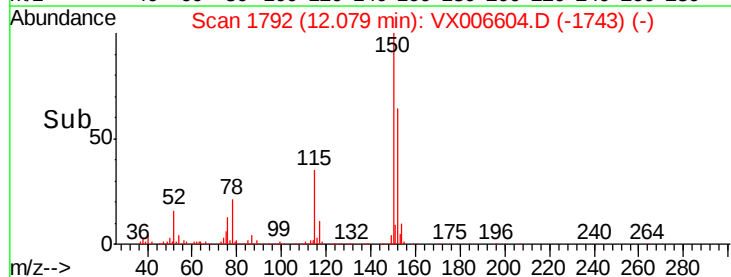
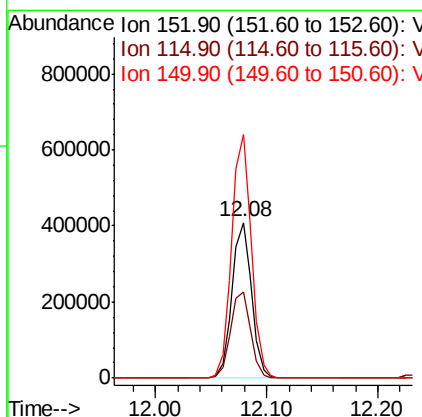
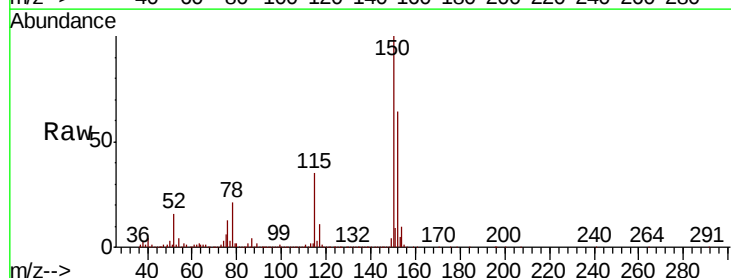
Instrument :
MSVOA_X
ClientSampleId :
EP1-MW-K-1218DL

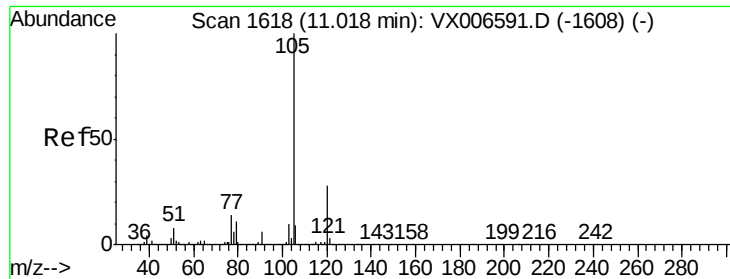
Tot Ion:106 Resp: 10811
Ion Ratio Lower Upper
106 100
91 198.9 155.2 232.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006604.D
Acq: 18 Dec 2018 18:05

Tgt Ion:152 Resp: 495324
Ion Ratio Lower Upper
152 100
115 57.3 39.0 116.9
150 157.3 0.0 345.8





#73

Isopropylbenzene

Concen: 19.140 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006604.D

Acq: 18 Dec 2018 18:05

Instrument :

MSVOA_X

ClientSampleId :

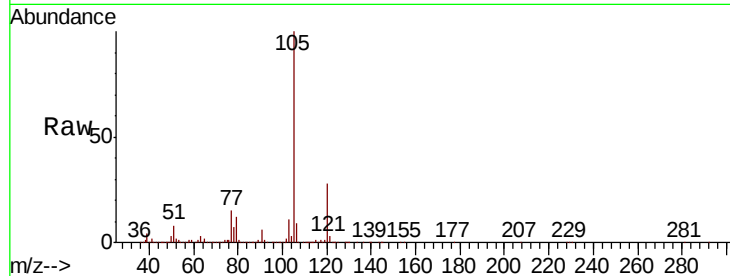
EP1-MW-K-1218DL

Tot Ion:105 Resp: 648587

Ion Ratio Lower Upper

105 100

120 27.1 14.1 42.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

600000

500000

400000

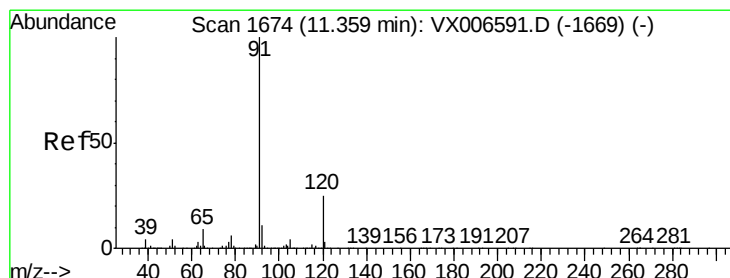
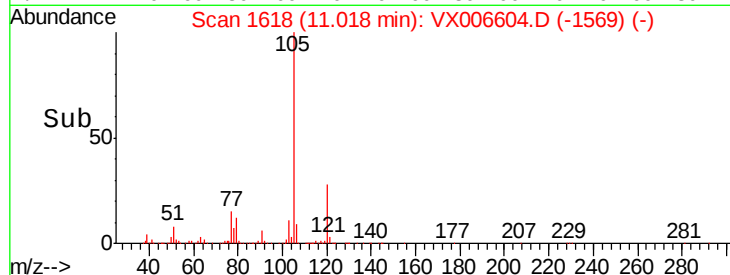
300000

200000

100000

0

Time-->



#78

n-propylbenzene

Concen: 24.234 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006604.D

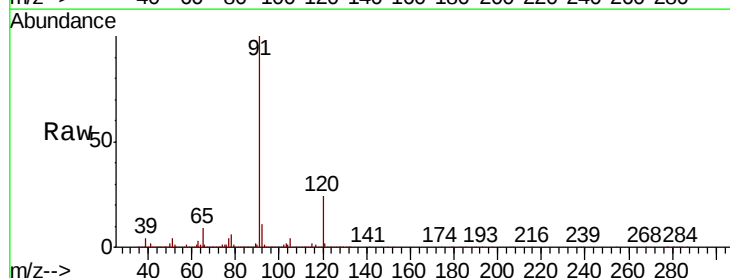
Acq: 18 Dec 2018 18:05

Tgt Ion: 91 Resp: 904319

Ion Ratio Lower Upper

91 100

120 24.4 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

11.36

800000

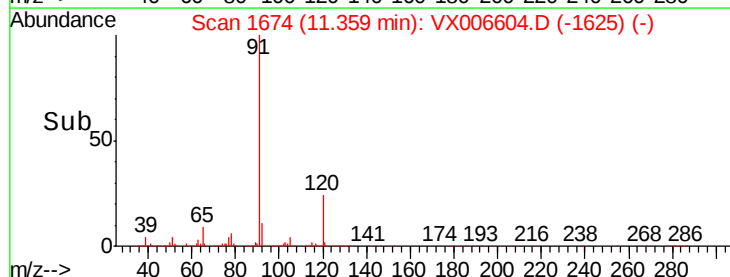
600000

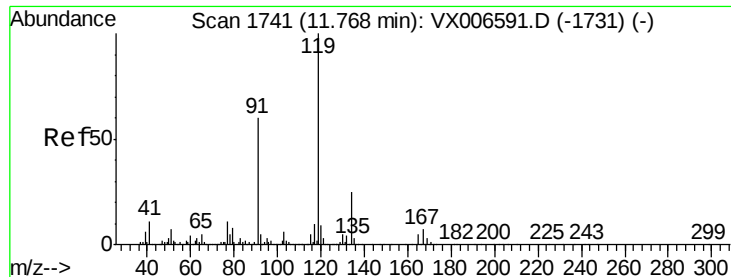
400000

200000

0

Time-->





#83

tert-Butylbenzene

Concen: 2.419 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX006604.D

Acq: 18 Dec 2018 18:05

Instrument :

MSVOA_X

ClientSampleID :

EP1-MW-K-1218DL

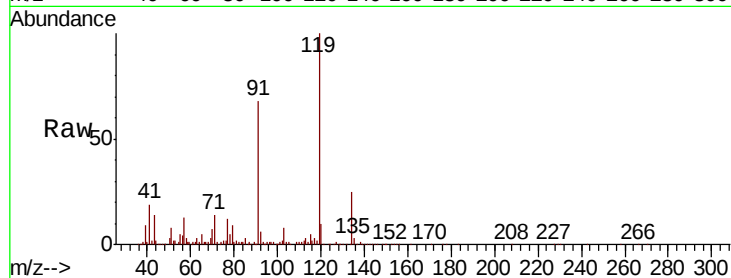
Tot Ion:119 Resp: 67575

Ion Ratio Lower Upper

119 100

91 68.2 26.4 79.2

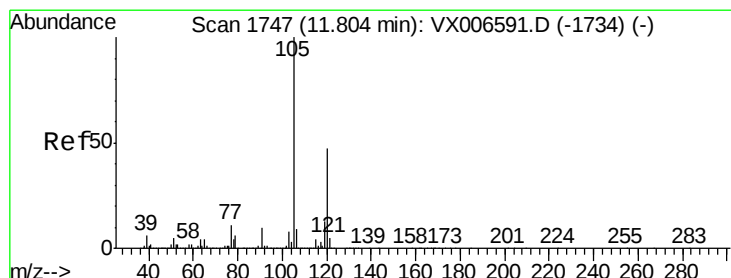
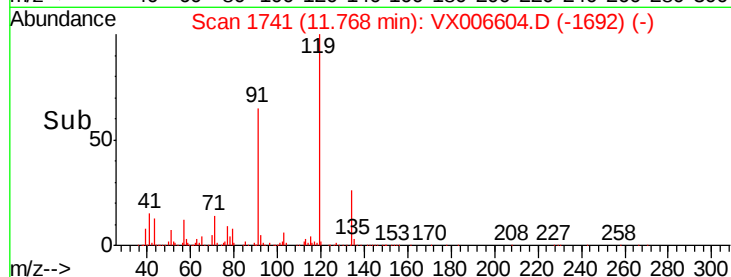
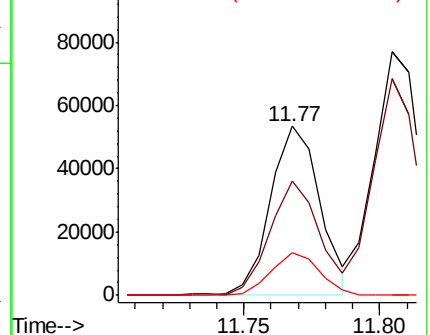
134 25.4 11.6 34.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 26.534 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX006604.D

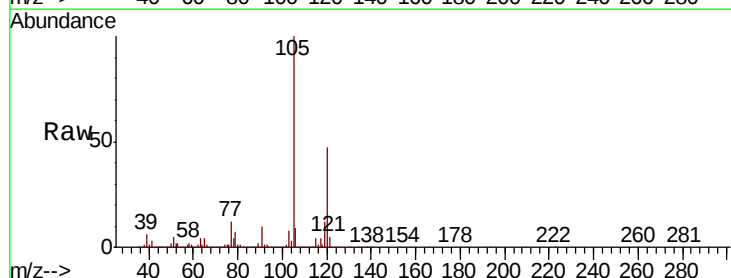
Acq: 18 Dec 2018 18:05

Tgt Ion:105 Resp: 778963

Ion Ratio Lower Upper

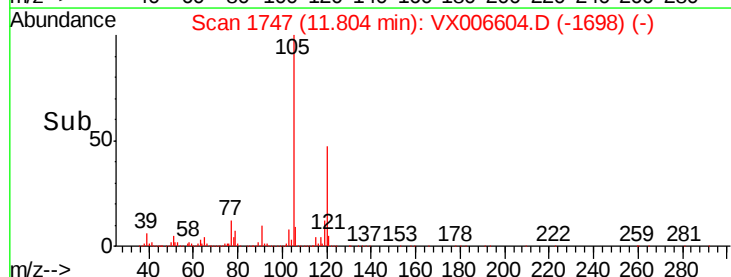
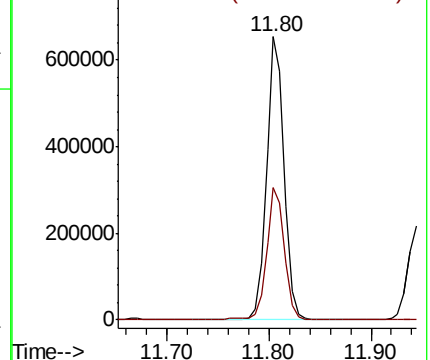
105 100

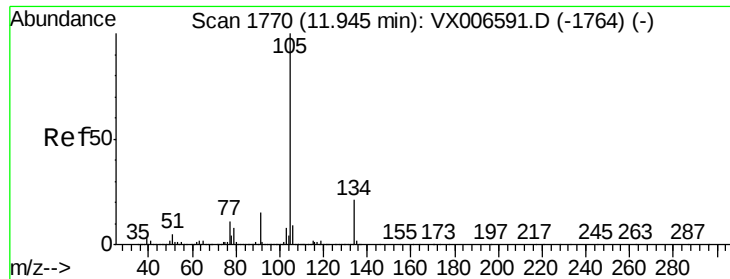
120 47.8 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 7.761 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX006604.D

Acq: 18 Dec 2018 18:05

Instrument :

MSVOA_X

ClientSampleId :

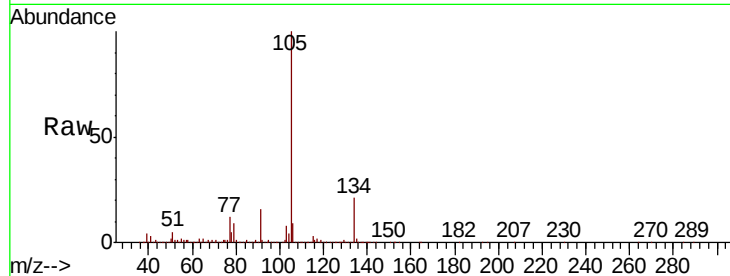
EP1-MW-K-1218DL

Tot Ion:105 Resp: 265809

Ion Ratio Lower Upper

105 100

134 32.2 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

200000

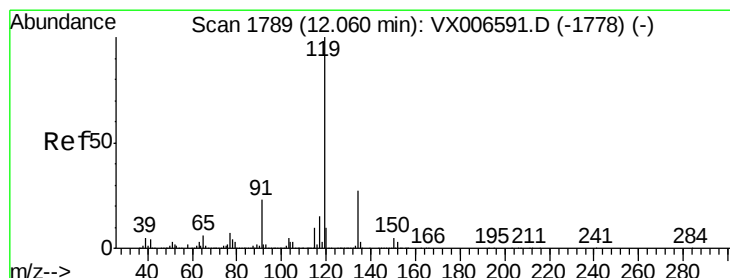
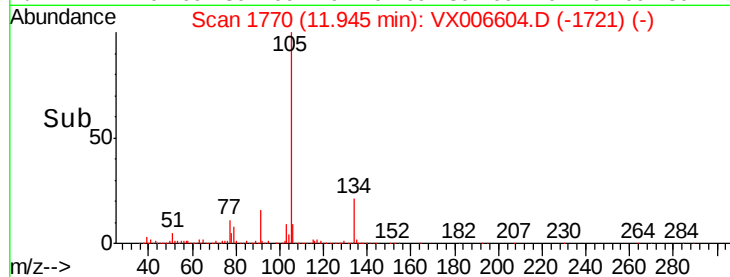
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 0.794 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.01 min

Lab File: VX006604.D

Acq: 18 Dec 2018 18:05

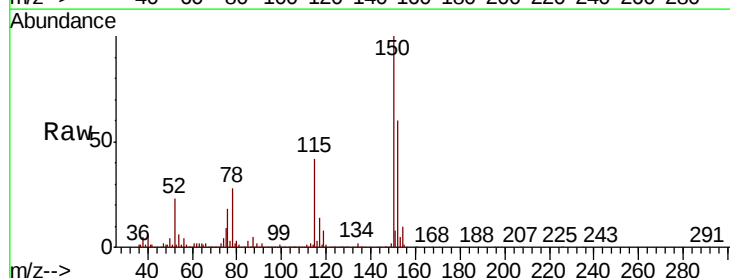
Tgt Ion:119 Resp: 23892

Ion Ratio Lower Upper

119 100

134 29.3 13.9 41.6

91 28.4 11.3 33.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.07

25000

20000

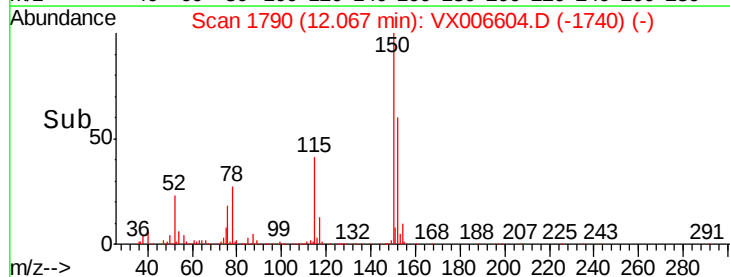
15000

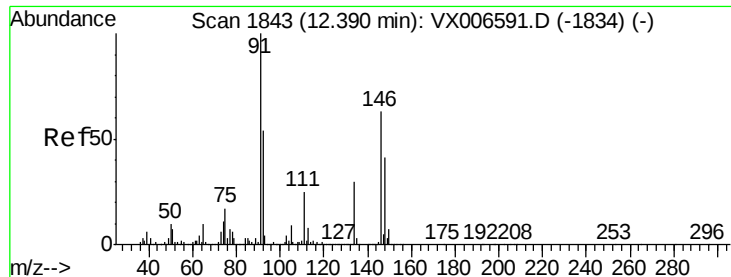
10000

5000

0

Time-->





#89
 n-Butylbenzene
 Concen: 4.067 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX006604.D
 Acq: 18 Dec 2018 18:05

Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-MW-K-1218DL

Tot Ion	Ratio	Lower	Upper
91	100		
92	45.0	26.6	79.8
134	0.0	14.8	44.3#

