

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091218\
 Data File : VX004496.D
 Acq On : 12 Sep 2018 15:55
 Operator : JC/MD
 Sample : J4848-06 10X
 Misc : 5.59g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-MW-B(8-12)

Quant Time: Sep 13 11:58:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	208188	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	326909	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	336685	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	201832	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	140985	52.52	ug/l	0.00
Spiked Amount			Recovery	=	105.04%	
35) Dibromofluoromethane	5.51	113	125560	41.97	ug/l	0.00
Spiked Amount			Recovery	=	83.94%	
50) Toluene-d8	8.72	98	492198	49.06	ug/l	0.00
Spiked Amount			Recovery	=	98.12%	
62) 4-Bromofluorobenzene	11.14	95	216579	60.48	ug/l	0.00
Spiked Amount			Recovery	=	120.96%	

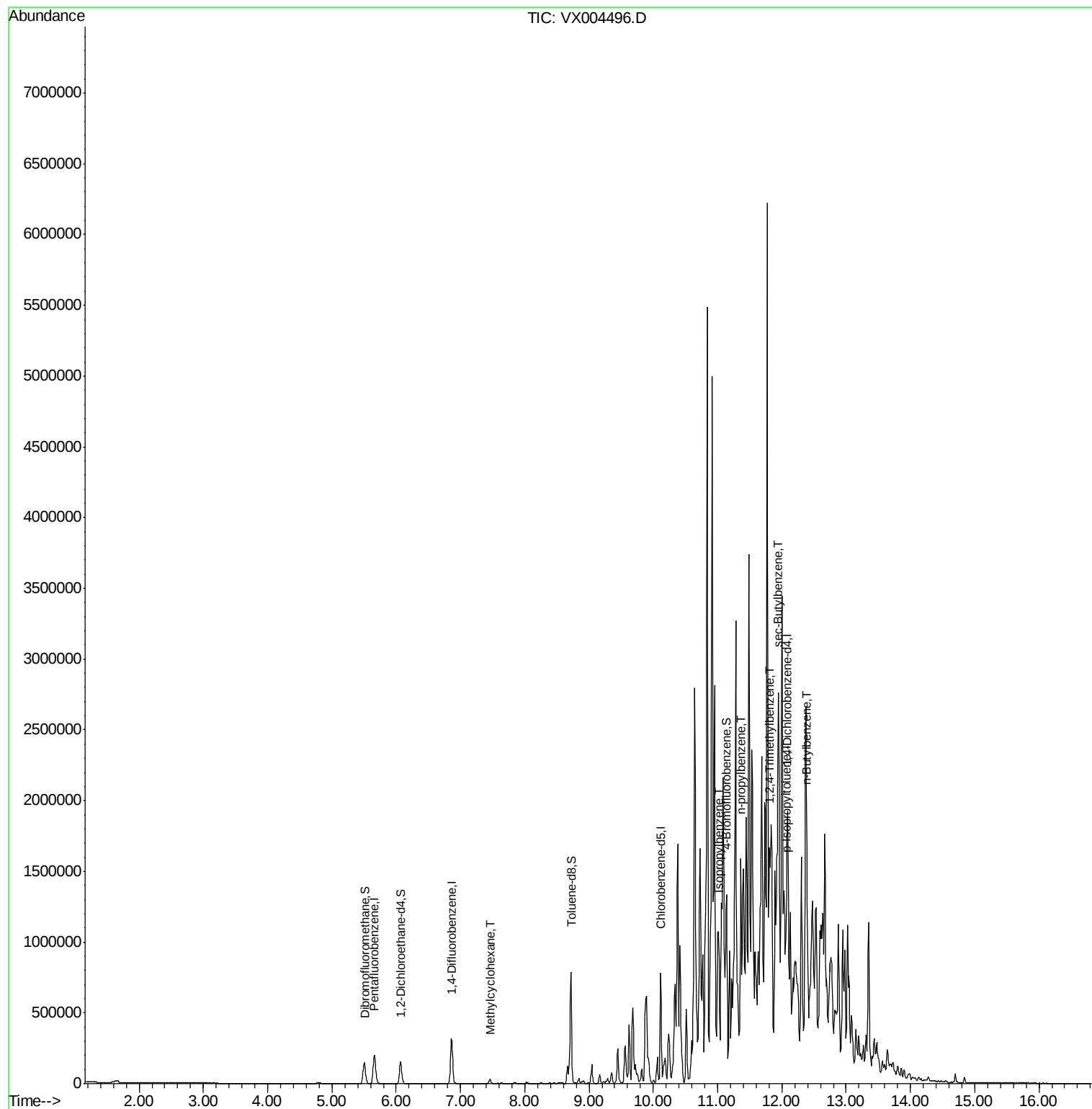
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
39) Methylcyclohexane	7.46	83	11422	2.76	ug/l	89
73) Isopropylbenzene	11.02	105	251081	18.89	ug/l	99
78) n-propylbenzene	11.36	91	767806	50.24	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	97960	8.59	ug/l	99
85) sec-Butylbenzene	11.95	105	373707	27.57	ug/l	93
86) p-Isopropyltoluene	12.07	119	101874	8.51	ug/l	99
89) n-Butylbenzene	12.39	91	294037	26.95	ug/l #	83

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

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EP1-MW-B(8-12)

Quant Time: Sep 13 11:58:42 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 12 02:17:23 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX004496.D

Acq: 12 Sep 2018 15:55

Instrument :

MSVOA_X

ClientSampleId :

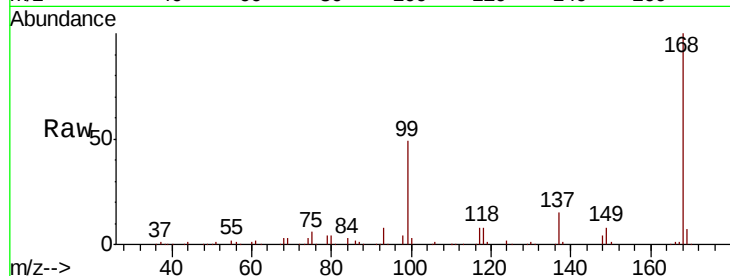
EP1-MW-B(8-12)

Tot Ion:168 Resp: 208188

Ion Ratio Lower Upper

168 100

99 49.4 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

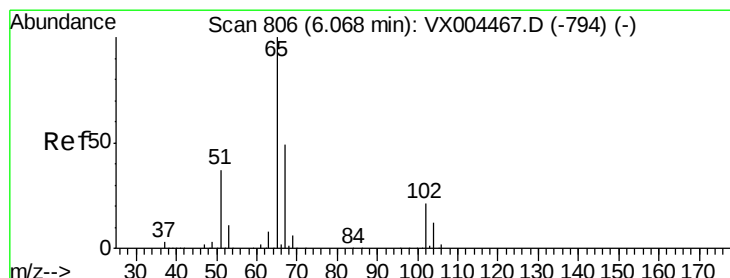
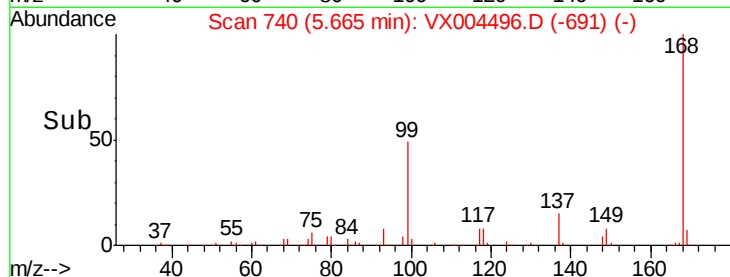
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 52.52 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004496.D

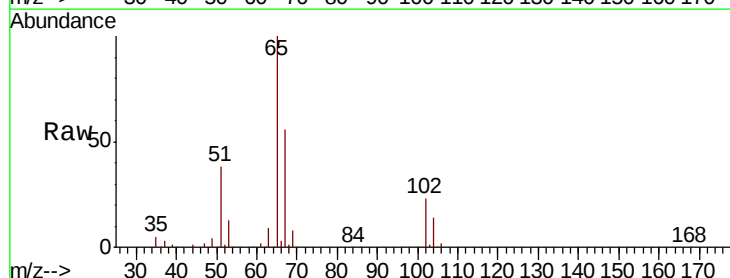
Acq: 12 Sep 2018 15:55

Tgt Ion: 65 Resp: 140985

Ion Ratio Lower Upper

65 100

67 54.9 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

60000

50000

40000

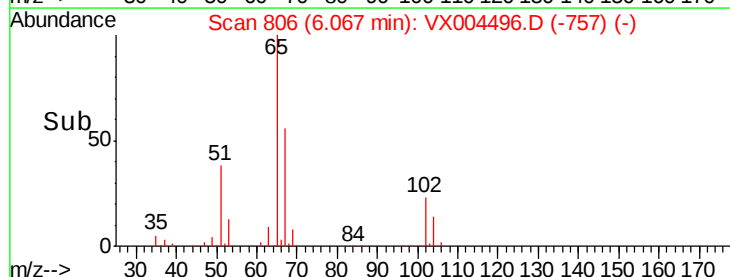
30000

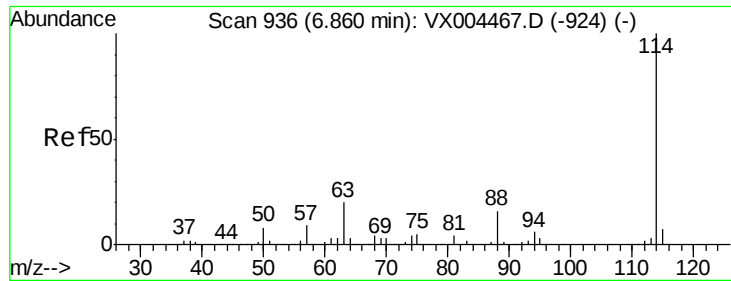
20000

10000

0

Time--> 5.90 6.00 6.10 6.20

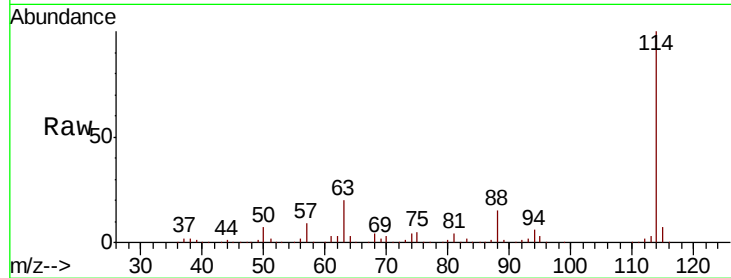




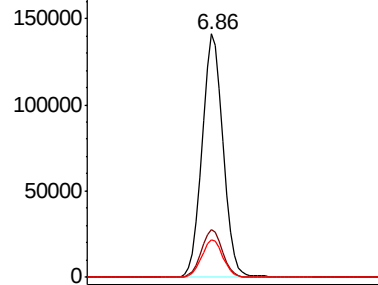
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX004496.D
Acq: 12 Sep 2018 15:55

Instrument :
MSVOA_X
ClientSampleId :
EP1-MW-B(8-12)

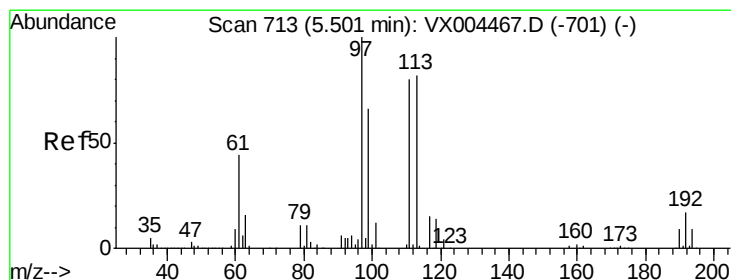
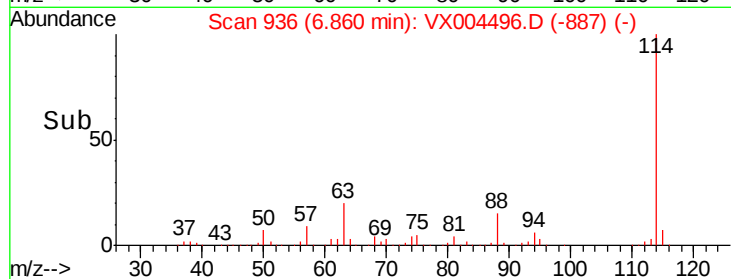
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	39.0
88	15.4	0.0	30.4



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

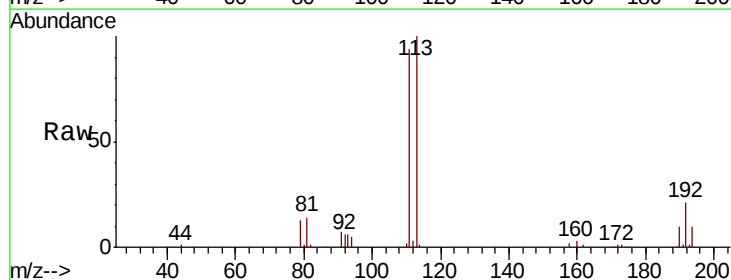


Time-->

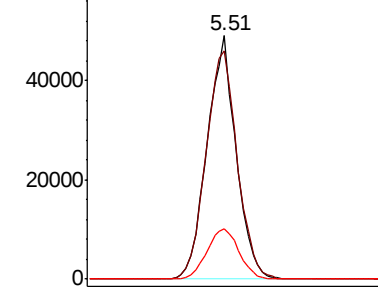


#35
Dibromofluoromethane
Concen: 41.97 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX004496.D
Acq: 12 Sep 2018 15:55

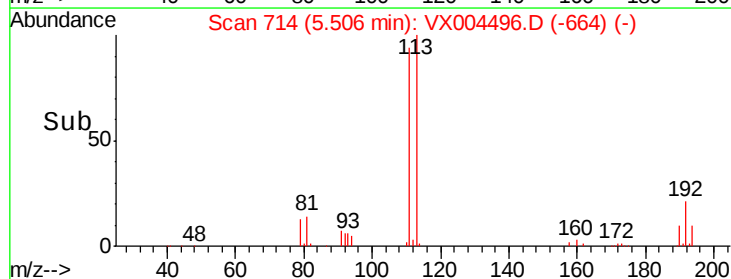
Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.9	82.4	123.6
192	22.8	19.4	29.2

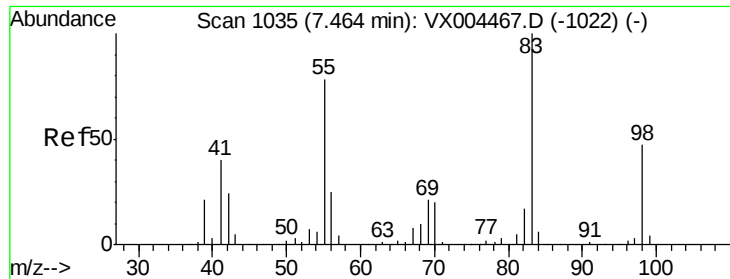


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



Time-->

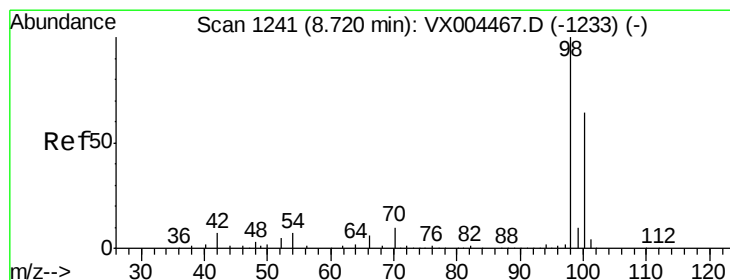
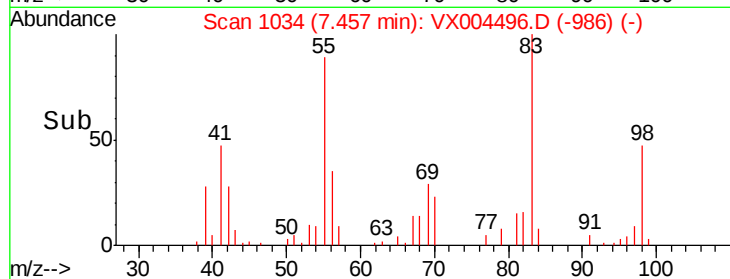
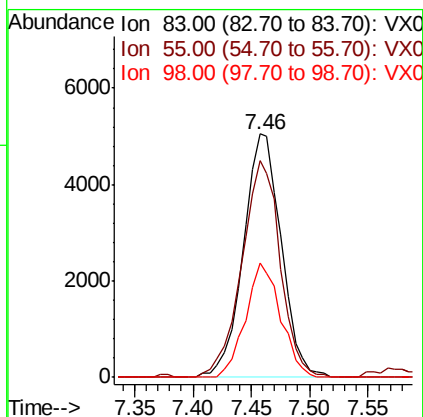
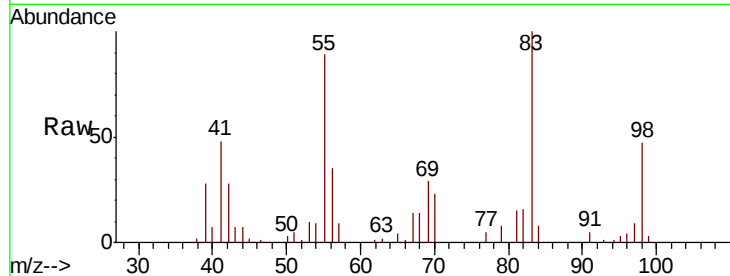




#39
Methvlcvclohexane
Concen: 2.76 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX004496.D
Acq: 12 Sep 2018 15:55

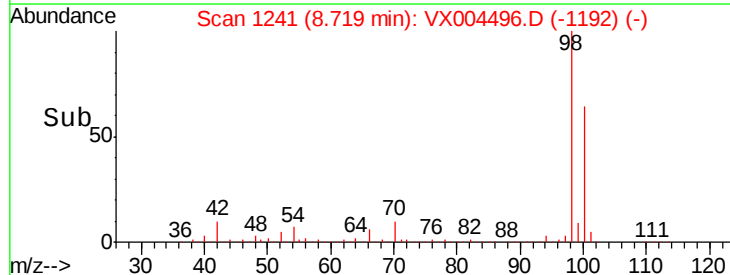
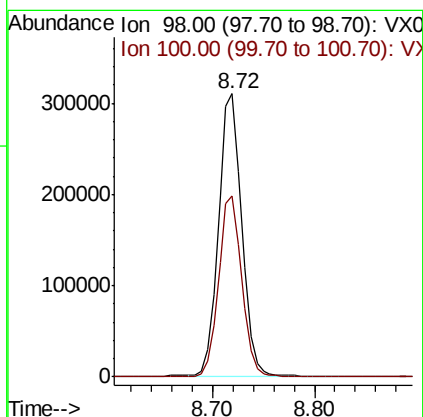
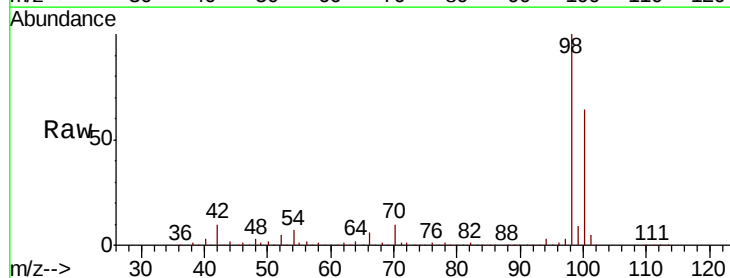
Instrument :
MSVOA_X
ClientSampleId :
EP1-MW-B(8-12)

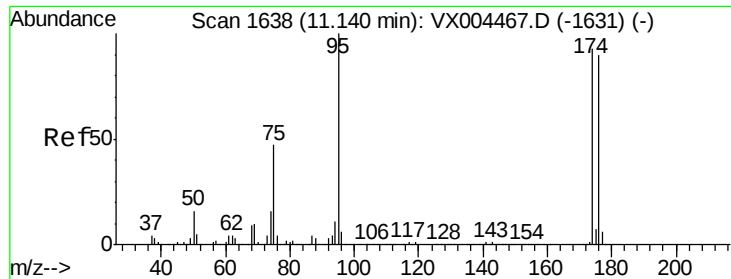
Tot Ion: 83 Resp: 11422
Ion Ratio Lower Upper
83 100
55 89.2 61.0 91.4
98 46.9 39.6 59.4



#50
Toluene-d8
Concen: 49.06 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX004496.D
Acq: 12 Sep 2018 15:55

Tgt Ion: 98 Resp: 492198
Ion Ratio Lower Upper
98 100
100 64.4 52.9 79.3





#62

4-Bromofluorobenzene

Concen: 60.48 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004496.D

Acq: 12 Sep 2018 15:55

Instrument :

MSVOA_X

ClientSampleId :

EP1-MW-B(8-12)

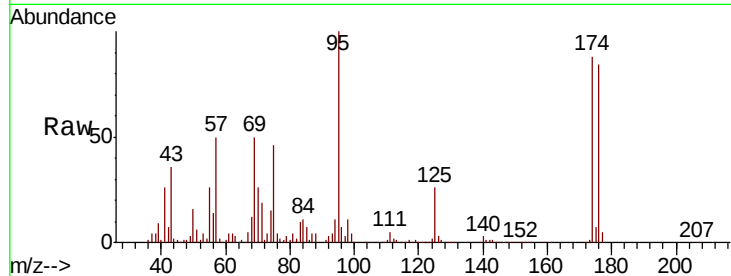
Tot Ion: 95 Resp: 216579

Ion Ratio Lower Upper

95 100

174 78.8 0.0 185.2

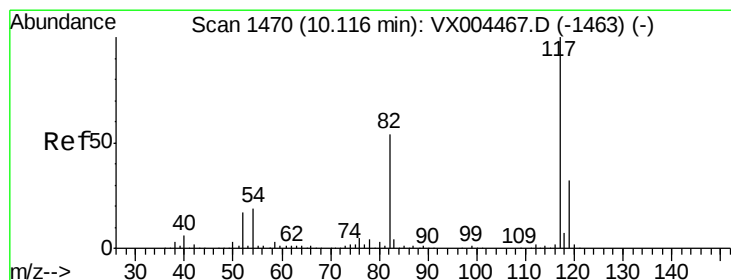
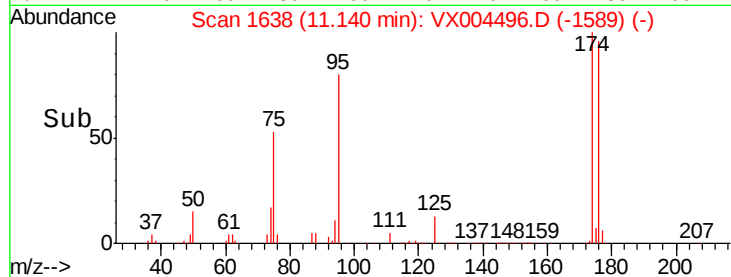
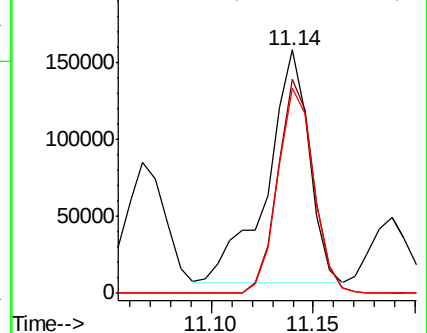
176 76.5 0.0 178.6



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# 1470

Delta R.T. -0.00 min

Lab File: VX004496.D

Acq: 12 Sep 2018 15:55

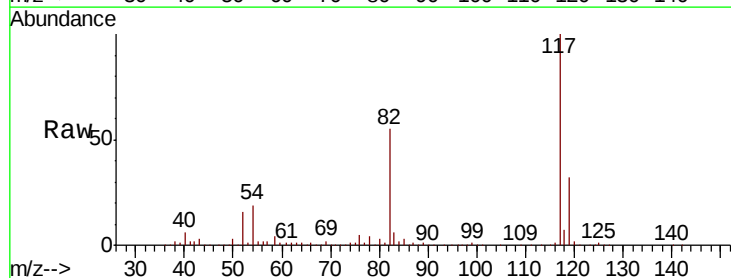
Tgt Ion: 117 Resp: 336685

Ion Ratio Lower Upper

117 100

82 53.5 47.8 71.6

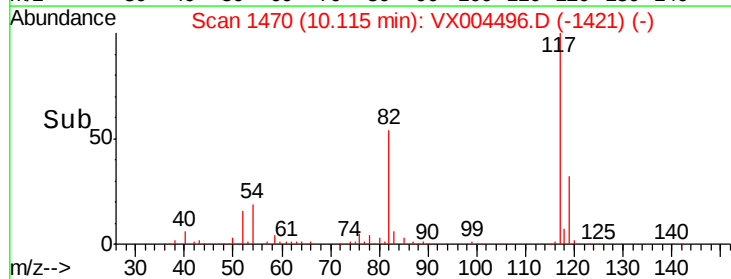
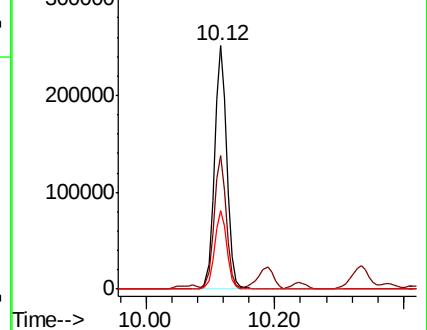
119 32.4 29.3 43.9

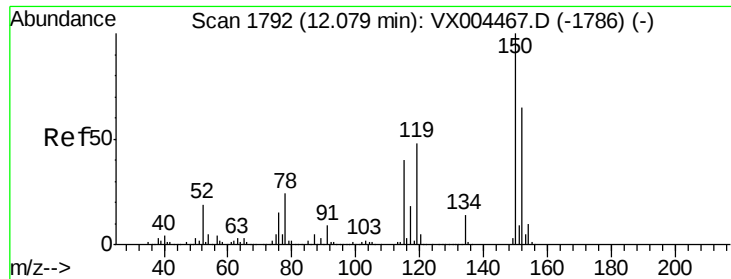


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1793

Delta R.T. 0.01 min

Lab File: VX004496.D

Acq: 12 Sep 2018 15:55

Instrument :

MSVOA_X

ClientSampleId :

EP1-MW-B(8-12)

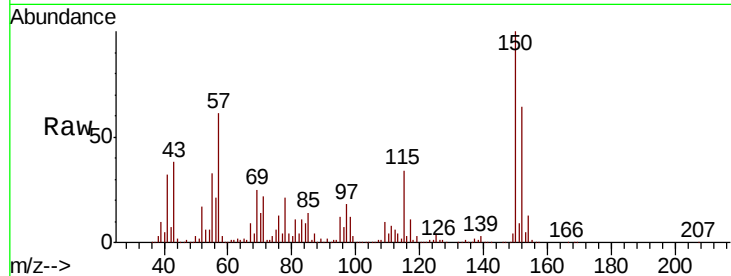
Tot Ion:152 Resp: 201832

Ion Ratio Lower Upper

152 100

115 57.2 39.0 117.0

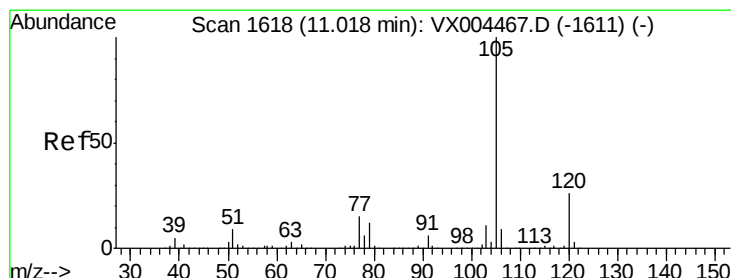
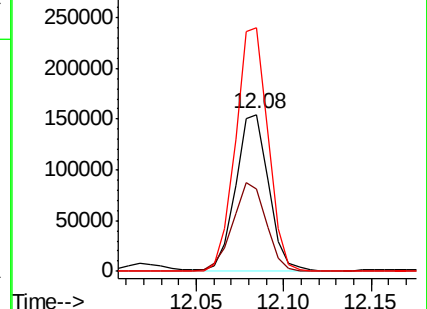
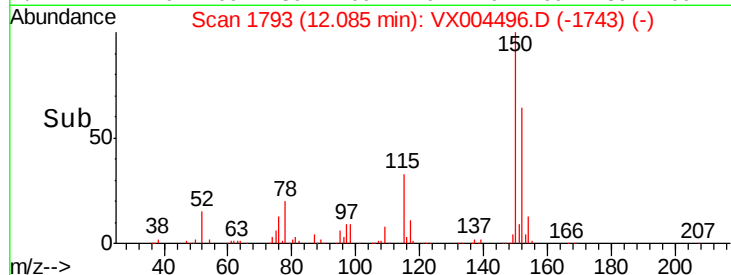
150 152.9 0.0 351.0



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



#73

Isopropylbenzene

Concen: 18.89 ug/l

RT: 11.02 min Scan# 1619

Delta R.T. 0.01 min

Lab File: VX004496.D

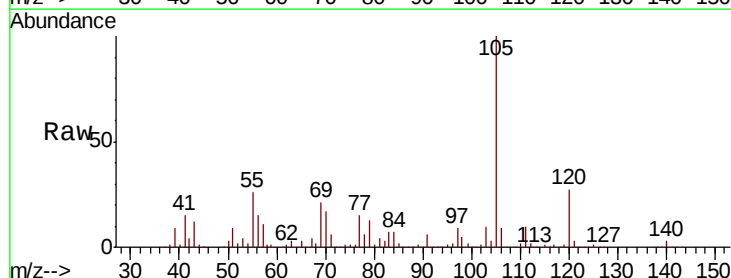
Acq: 12 Sep 2018 15:55

Tgt Ion:105 Resp: 251081

Ion Ratio Lower Upper

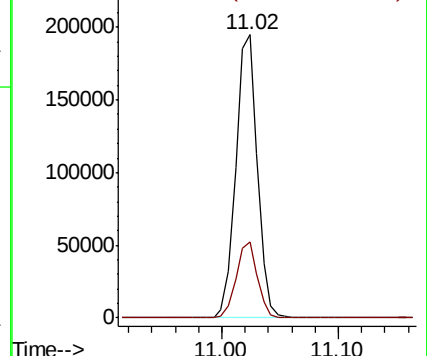
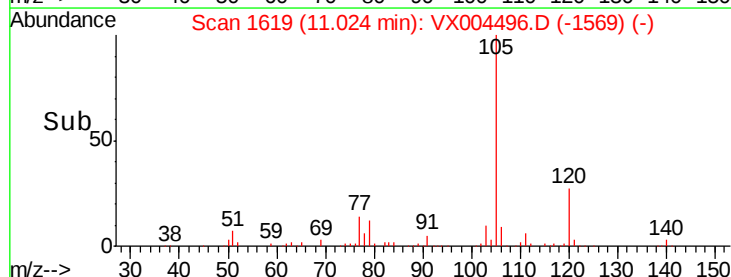
105 100

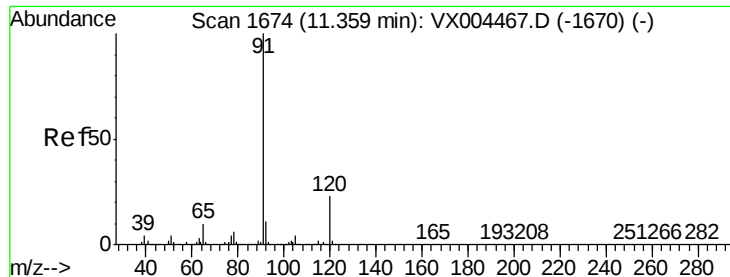
120 26.3 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 50.24 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX004496.D

Acq: 12 Sep 2018 15:55

Instrument :

MSVOA_X

ClientSampleId :

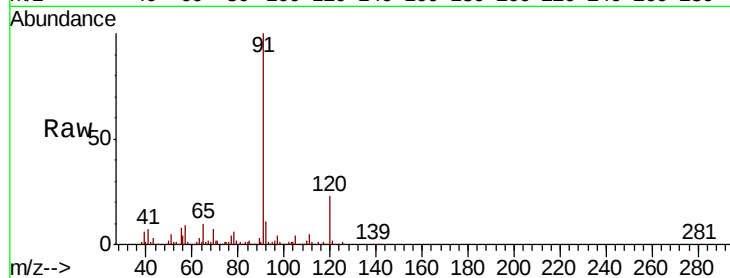
EP1-MW-B(8-12)

Tot Ion: 91 Resp: 767806

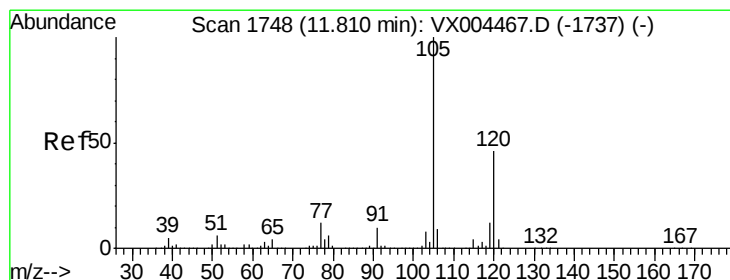
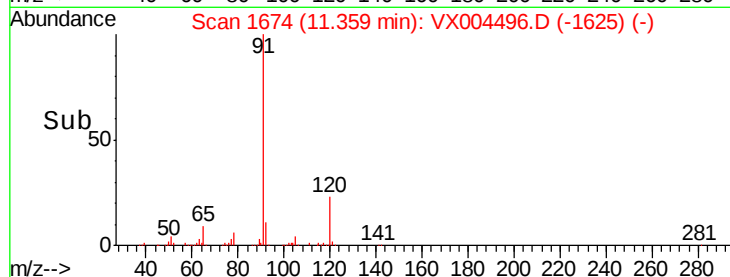
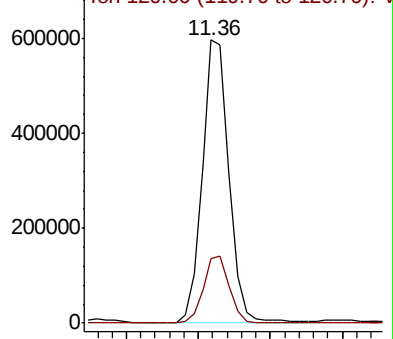
Ion Ratio Lower Upper

91 100

120 23.2 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX004467.D (-1670) (-)



#84

1,2,4-Trimethylbenzene

Concen: 8.59 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. -0.00 min

Lab File: VX004496.D

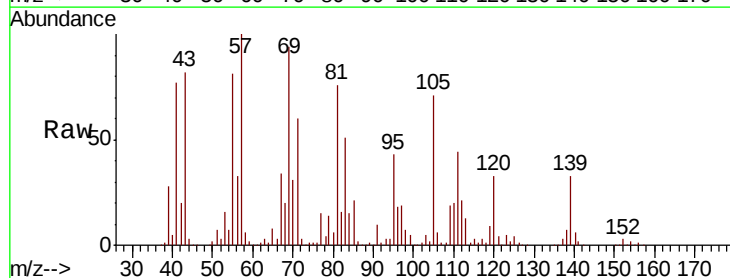
Acq: 12 Sep 2018 15:55

Tgt Ion: 105 Resp: 97960

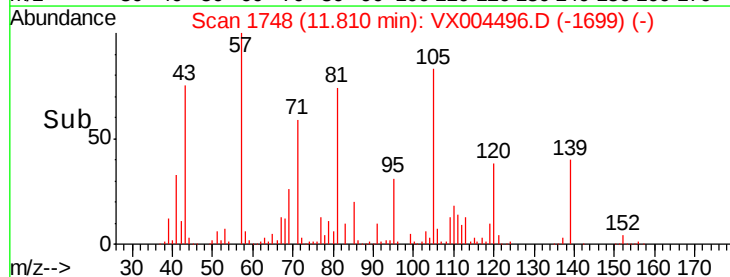
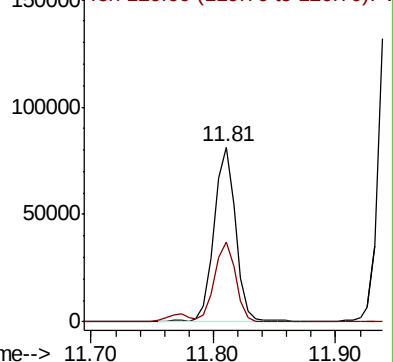
Ion Ratio Lower Upper

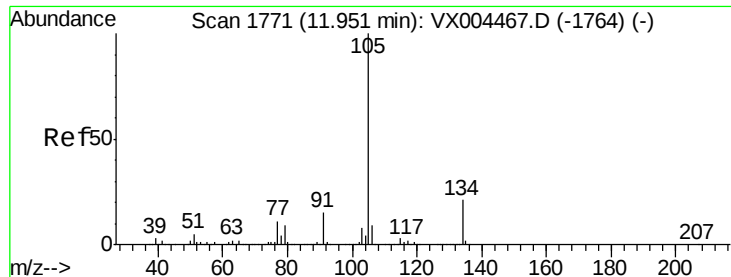
105 100

120 45.8 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): VX004467.D (-1737) (-)

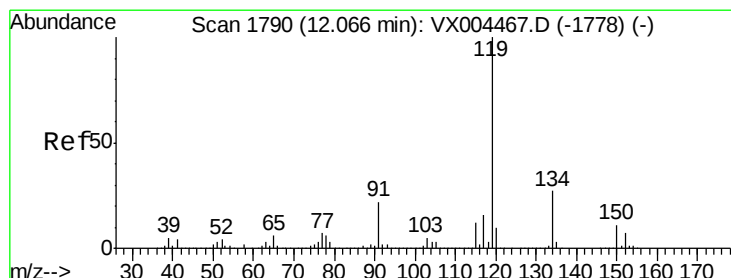
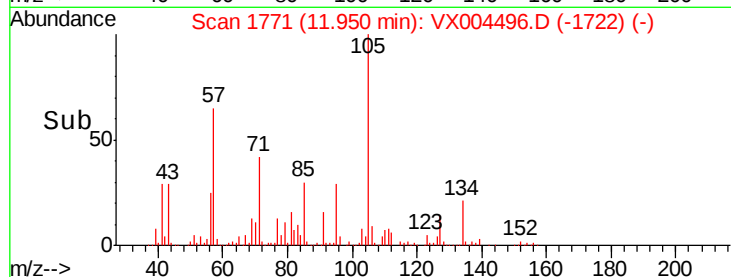
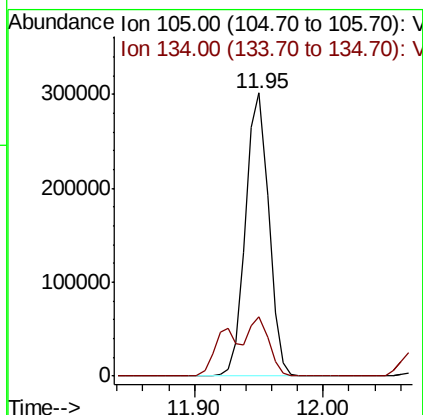
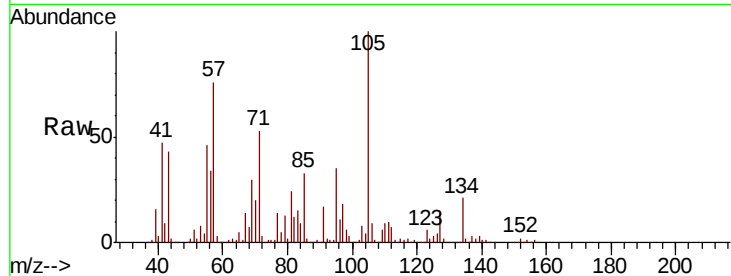




#85
 sec-Butylbenzene
 Concen: 27.57 ug/l
 RT: 11.95 min Scan# 1771
 Delta R.T. -0.00 min
 Lab File: VX004496.D
 Acq: 12 Sep 2018 15:55

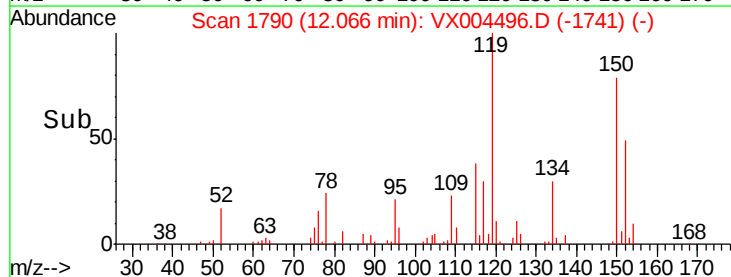
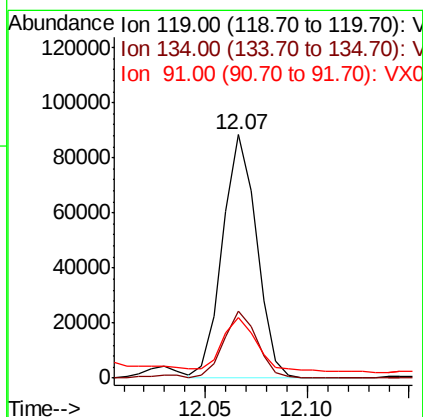
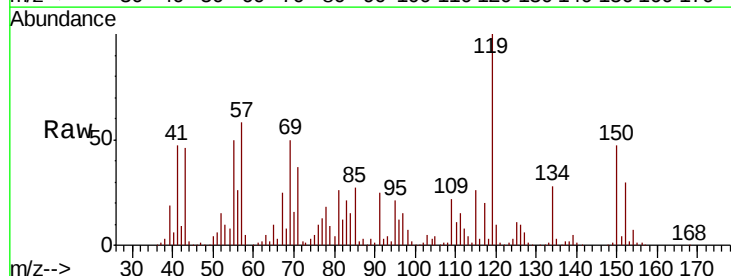
Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-MW-B(8-12)

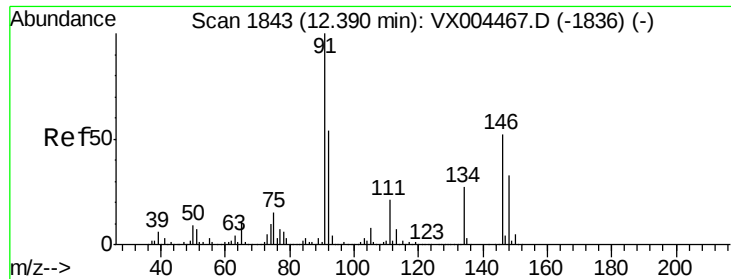
Tot Ion:105 Resp: 373707
 Ion Ratio Lower Upper
 105 100
 134 17.5 10.5 31.5



#86
 p-Isopropyltoluene
 Concen: 8.51 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX004496.D
 Acq: 12 Sep 2018 15:55

Tgt Ion:119 Resp: 101874
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.4 40.2
 91 22.2 10.9 32.7





#89
 n-Butylbenzene
 Concen: 26.95 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX004496.D
 Acq: 12 Sep 2018 15:55

Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-MW-B(8-12)

Tot Ion: 91 Resp: 294037
 Ion Ratio Lower Upper
 91 100
 92 46.6 27.3 81.9
 134 42.1 13.6 40.7#

