

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091218\
 Data File : VX004492.D
 Acq On : 12 Sep 2018 14:07
 Operator : JC/MD
 Sample : J4848-01 10X
 Misc : 5.67µ/5mL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-MW-A(6-8)

Quant Time: Sep 13 11:44:49 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	195866	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	310944	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	320613	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	199535	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	138135	54.70	ug/l	0.00
Spiked Amount			Recovery	=	109.40%	
35) Dibromofluoromethane	5.50	113	118919	41.79	ug/l	0.00
Spiked Amount			Recovery	=	83.58%	
50) Toluene-d8	8.72	98	483061	50.62	ug/l	0.00
Spiked Amount			Recovery	=	101.24%	
62) 4-Bromofluorobenzene	11.14	95	248416	72.93	ug/l	0.00
Spiked Amount			Recovery	=	145.86%	

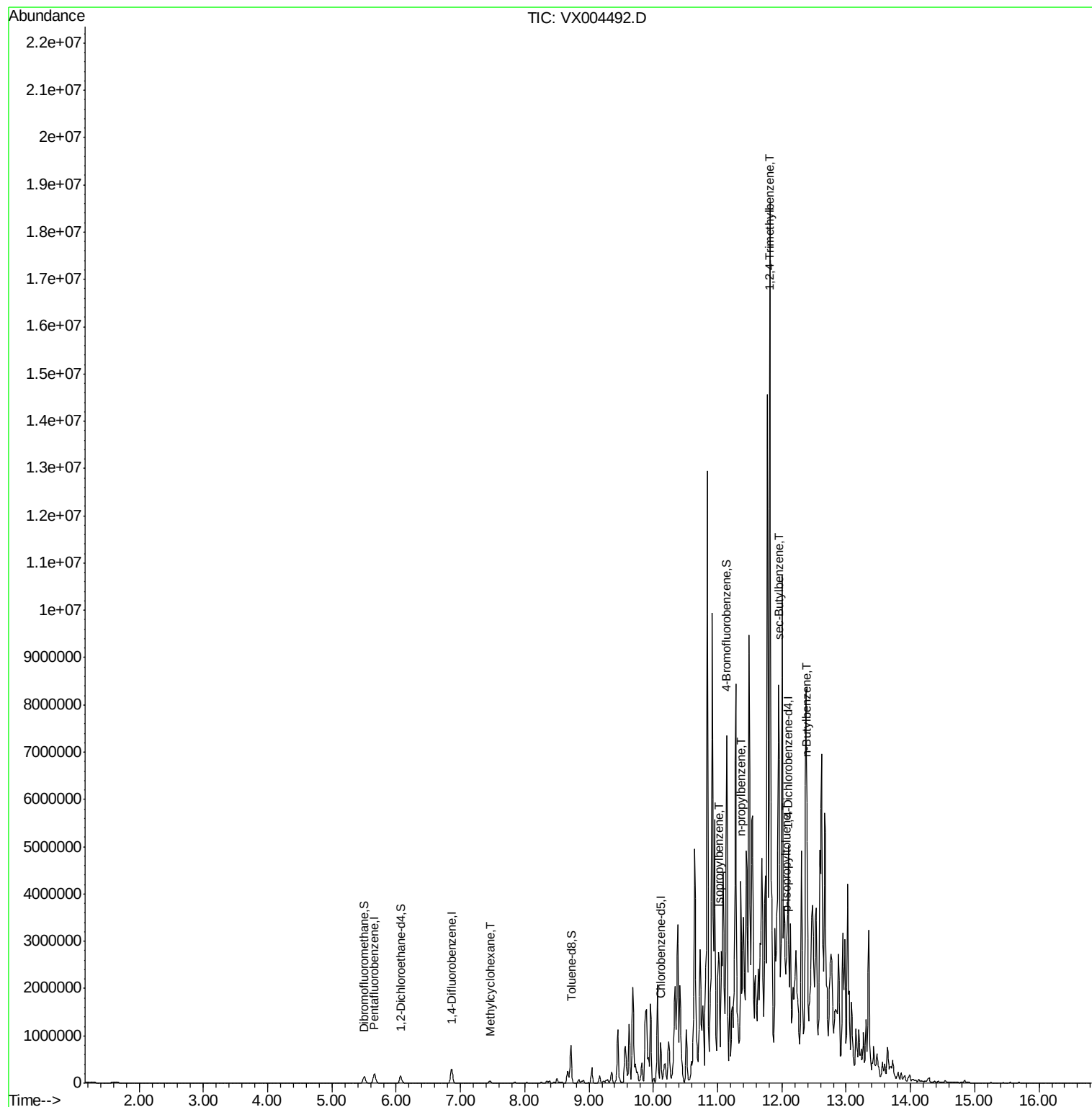
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
39) Methylcyclohexane	7.46	83	19685	5.00	ug/l	91
73) Isopropylbenzene	11.02	105	727093	55.33	ug/l	99
78) n-propylbenzene	11.37	91	2114968	139.97	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	6670736	591.42	ug/l	97
85) sec-Butylbenzene	11.95	105	1245649	92.94	ug/l	95
86) p-Isopropyltoluene	12.07	119	386300	32.64	ug/l	99
89) n-Butylbenzene	12.39	91	1389655	128.85	ug/l	93

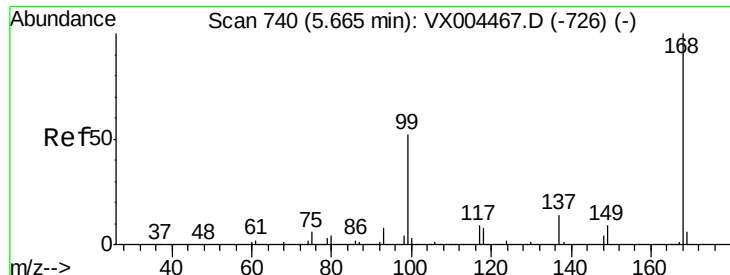
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX091218\
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ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EP1-MW-A(6-8)

Quant Time: Sep 13 11:44:49 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: VX004492.D

Acq: 12 Sep 2018 14:07

Instrument :

MSVOA_X

ClientSampleId :

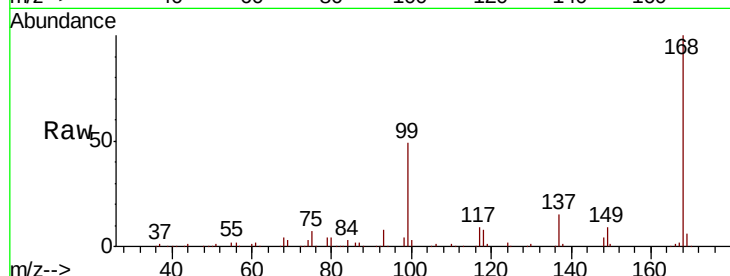
EP1-MW-A(6-8)

Tot Ion:168 Resp: 195866

Ion Ratio Lower Upper

168 100

99 49.2 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

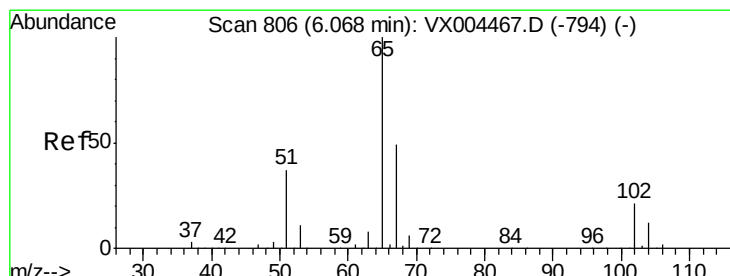
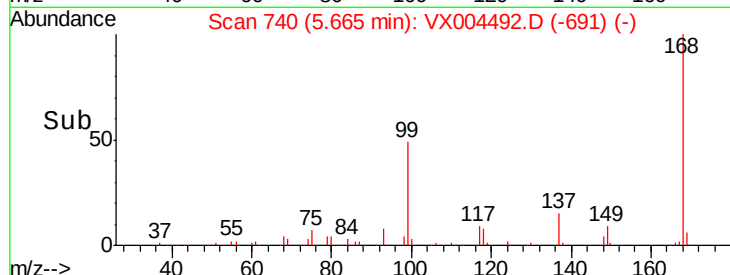
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 54.70 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004492.D

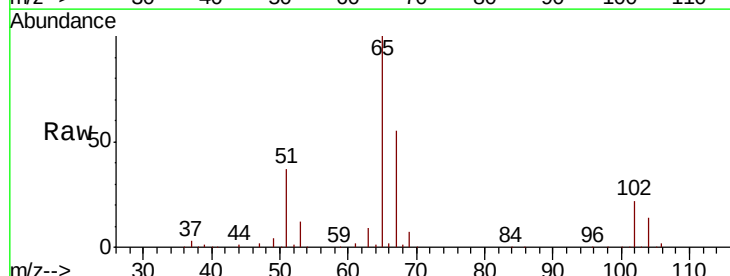
Acq: 12 Sep 2018 14:07

Tgt Ion: 65 Resp: 138135

Ion Ratio Lower Upper

65 100

67 54.8 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

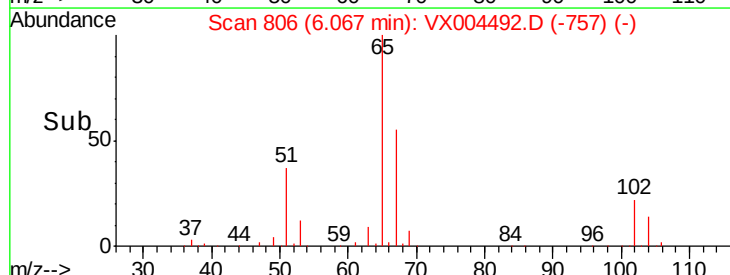
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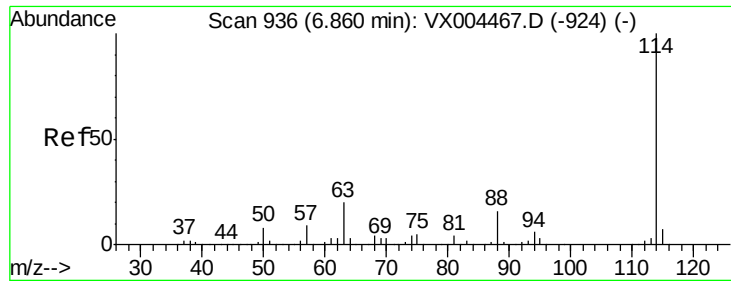
10000

0

Time-->

6.00 6.10 6.20

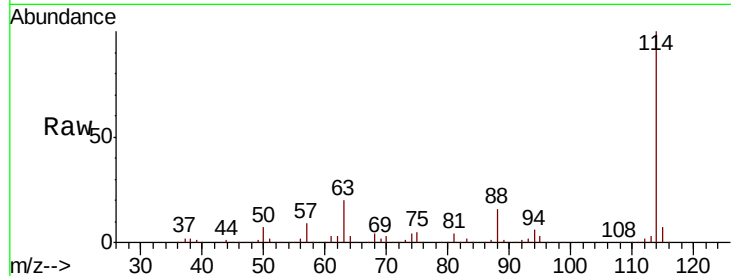




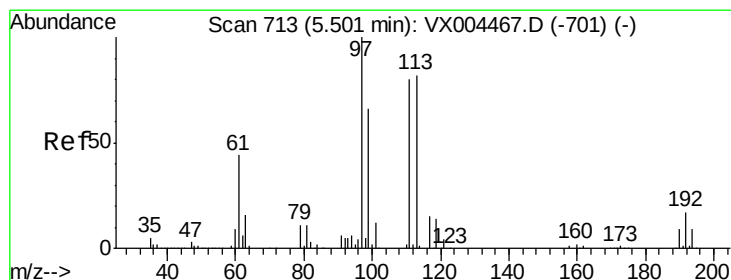
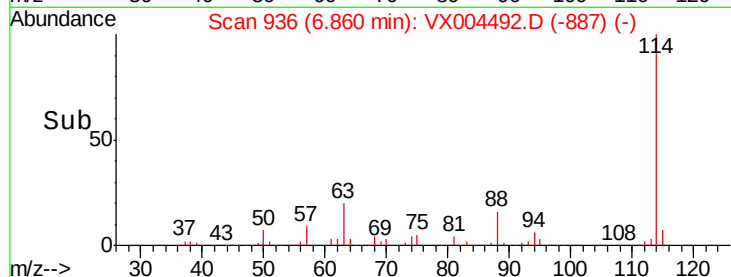
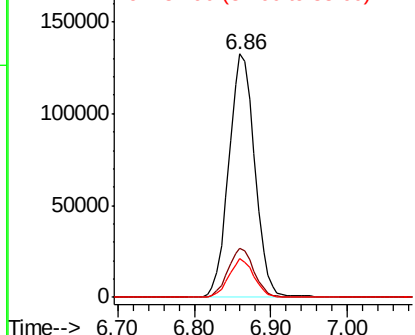
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX004492.D
 Acq: 12 Sep 2018 14:07

Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-MW-A(6-8)

Tot Ion:114 Resp: 310944
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 39.0
 88 15.7 0.0 30.4

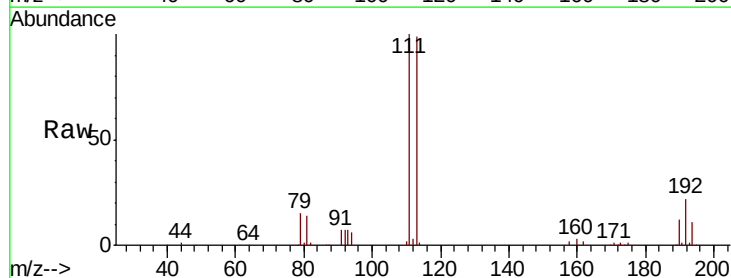


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

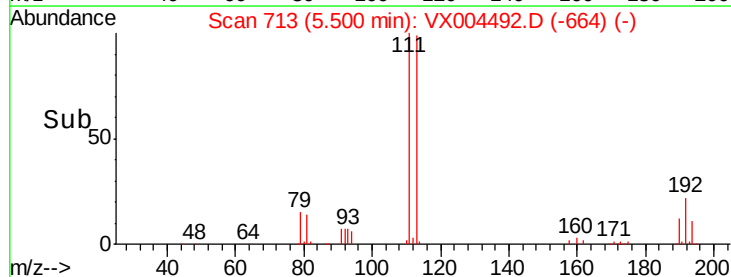
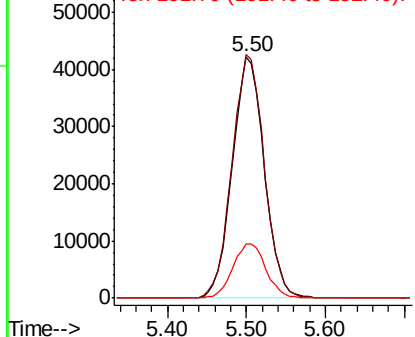


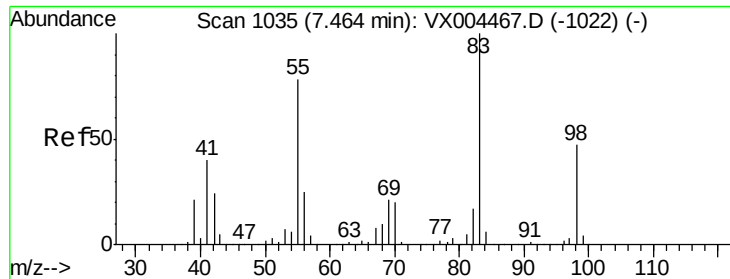
#35
 Dibromofluoromethane
 Concen: 41.79 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX004492.D
 Acq: 12 Sep 2018 14:07

Tgt Ion:113 Resp: 118919
 Ion Ratio Lower Upper
 113 100
 111 101.7 82.4 123.6
 192 23.2 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

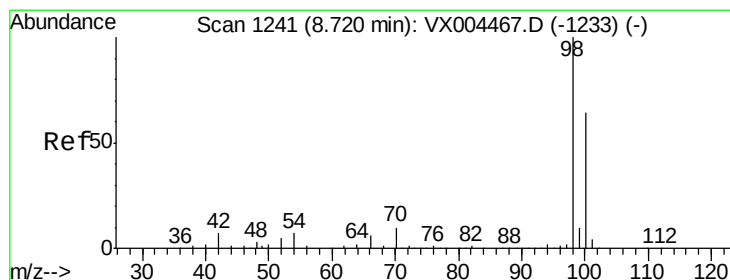
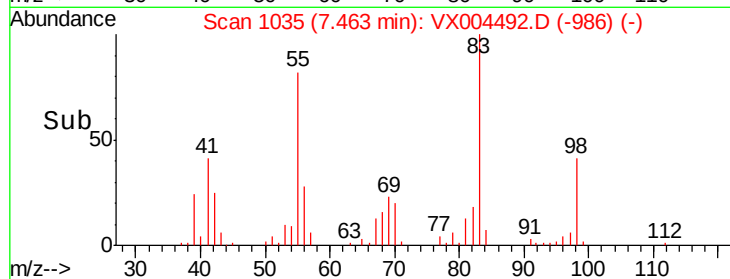
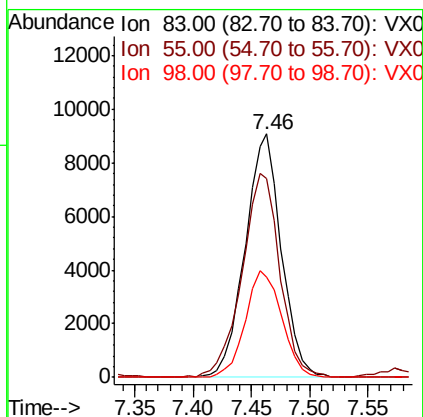
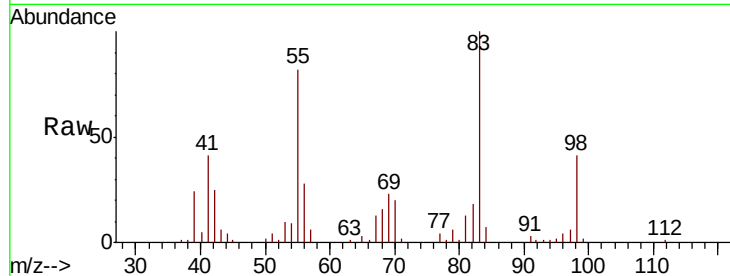




#39
Methylvlcyclohexane
Concen: 5.00 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX004492.D
Acq: 12 Sep 2018 14:07

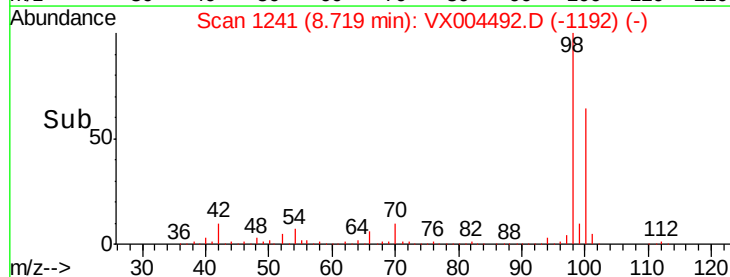
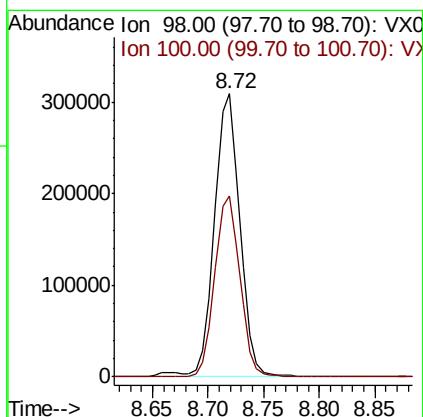
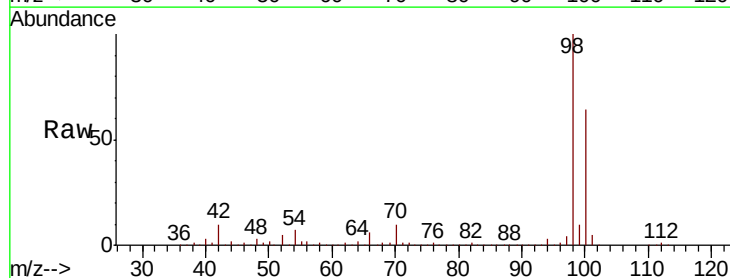
Instrument :
MSVOA_X
ClientSampleId :
EP1-MW-A(6-8)

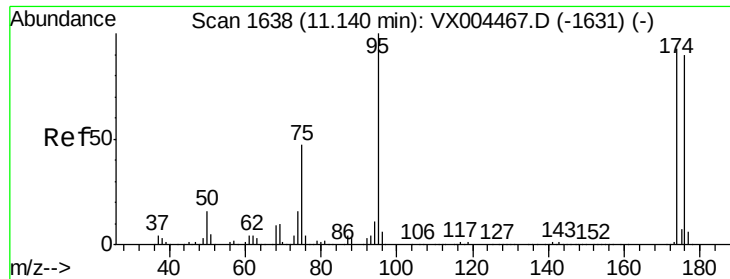
Tot Ion	83	Resp	19685
Ion Ratio	Lower	Upper	
83	100		
55	81.5	61.0	91.4
98	40.9	39.6	59.4



#50
Toluene-d8
Concen: 50.62 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX004492.D
Acq: 12 Sep 2018 14:07

Tgt Ion	98	Resp	483061
Ion Ratio	Lower	Upper	
98	100		
100	64.4	52.9	79.3





#62

4-Bromofluorobenzene

Concen: 72.93 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004492.D

Acq: 12 Sep 2018 14:07

Instrument :

MSVOA_X

ClientSampleId :

EP1-MW-A(6-8)

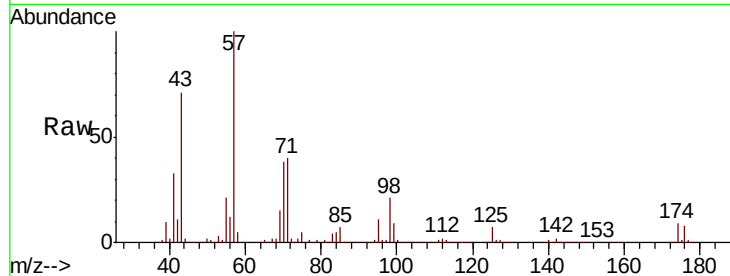
Tot Ion: 95 Resp: 248416

Ion Ratio Lower Upper

95 100

174 66.5 0.0 185.2

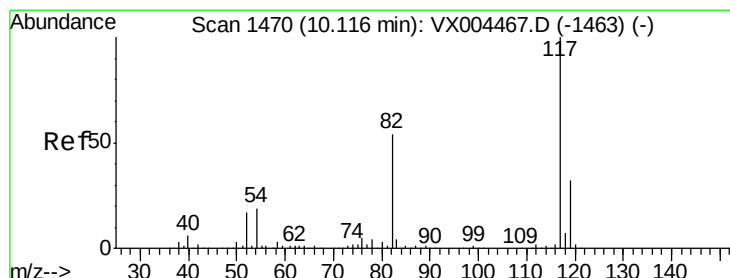
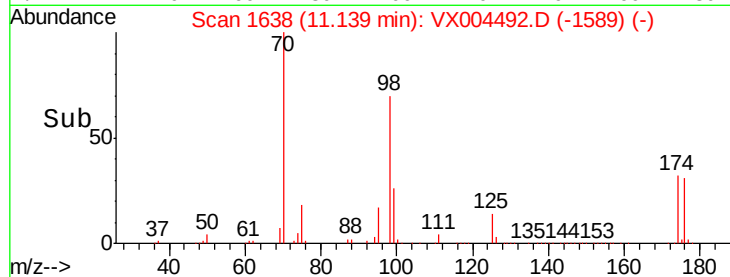
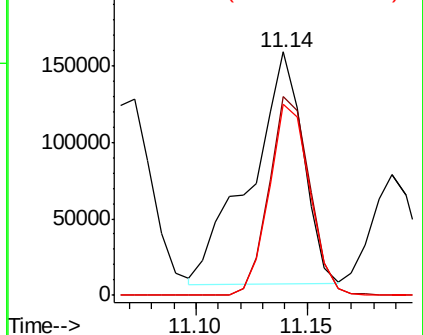
176 64.2 0.0 178.6



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: VX004492.D

Acq: 12 Sep 2018 14:07

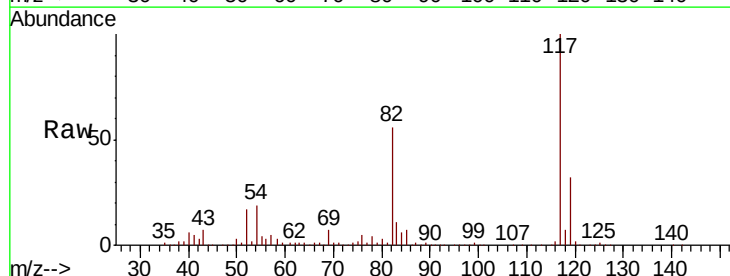
Tgt Ion: 117 Resp: 320613

Ion Ratio Lower Upper

117 100

82 49.8 47.8 71.6

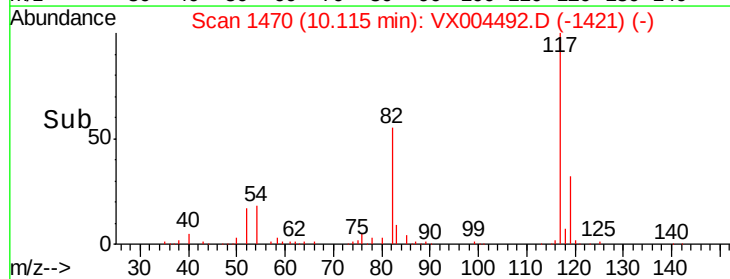
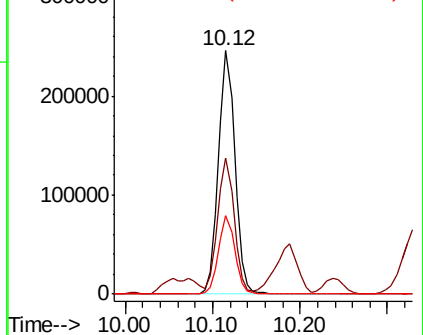
119 32.2 29.3 43.9

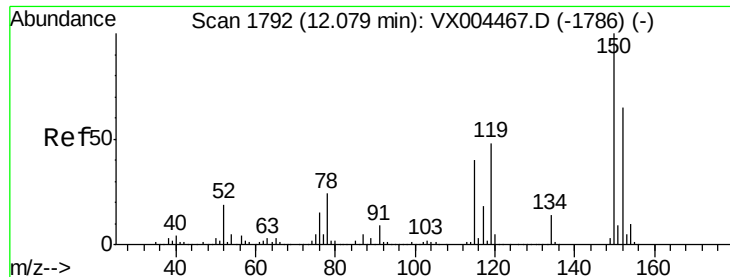


Abundance Ion 116.90 (116.60 to 117.60): V

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: VX004492.D

Acq: 12 Sep 2018 14:07

Instrument :

MSVOA_X

ClientSampleId :

EP1-MW-A(6-8)

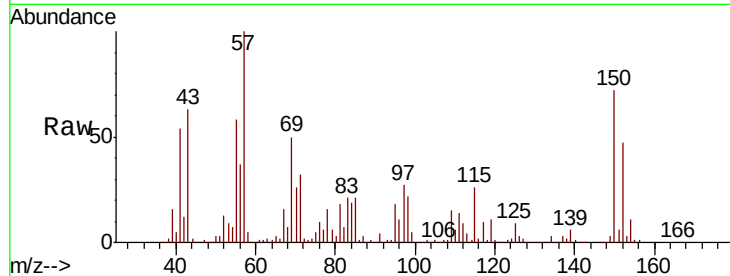
Tot Ion:152 Resp: 199535

Ion Ratio Lower Upper

152 100

115 66.4 39.0 117.0

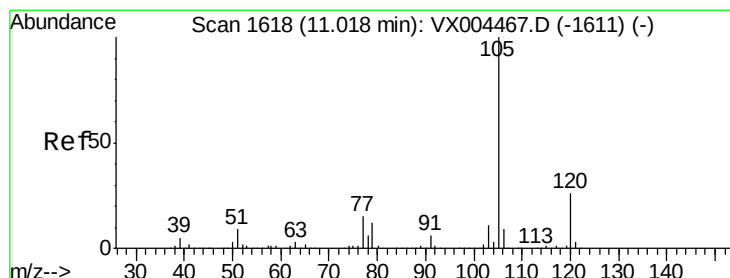
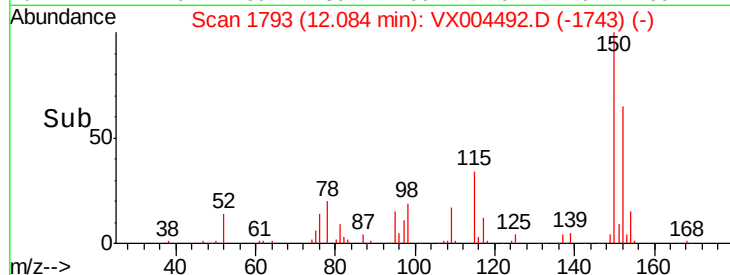
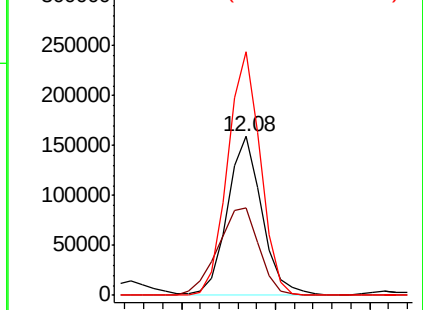
150 147.5 0.0 351.0



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: 55.33 ug/l

RT: 11.02 min Scan# 1619

Delta R.T. 0.01 min

Lab File: VX004492.D

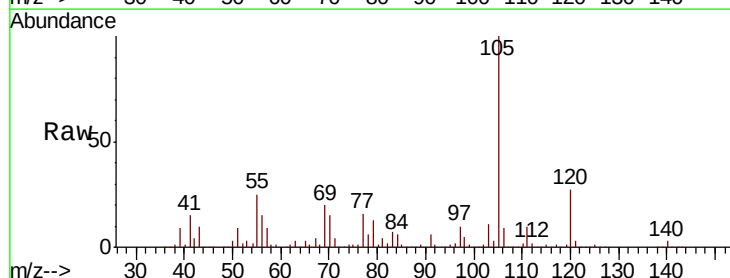
Acq: 12 Sep 2018 14:07

Tgt Ion:105 Resp: 727093

Ion Ratio Lower Upper

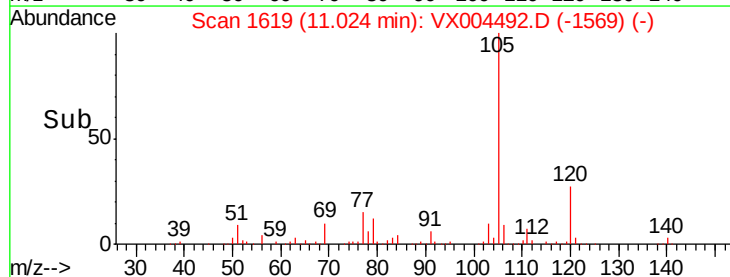
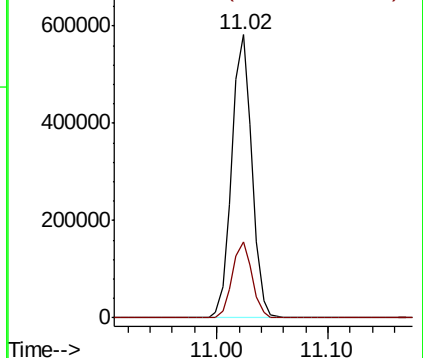
105 100

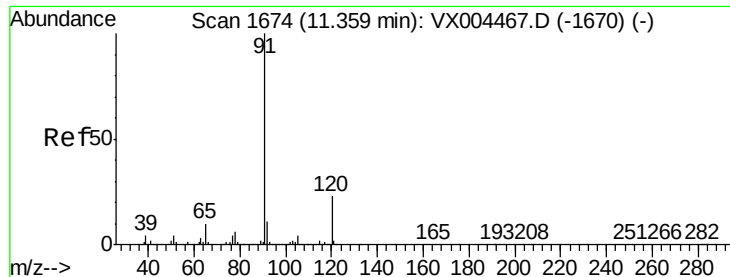
120 26.5 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 139.97 ug/l

RT: 11.37 min Scan# 1675

Delta R.T. 0.01 min

Lab File: VX004492.D

Acq: 12 Sep 2018 14:07

Instrument :

MSVOA_X

ClientSampleId :

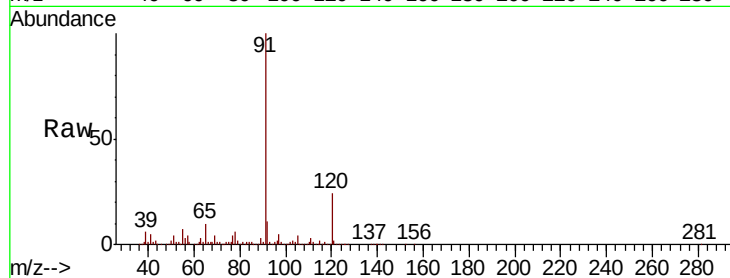
EP1-MW-A(6-8)

Tot Ion: 91 Resp: 2114968

Ion Ratio Lower Upper

91 100

120 23.3 11.9 35.9



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

Ion 120.00 (119.70 to 120.70): VX004467.D (-1670) (-)

2000000

1500000

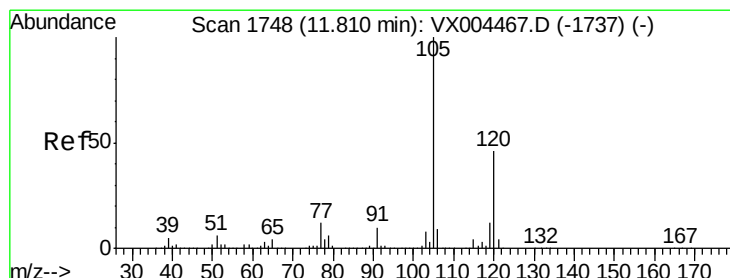
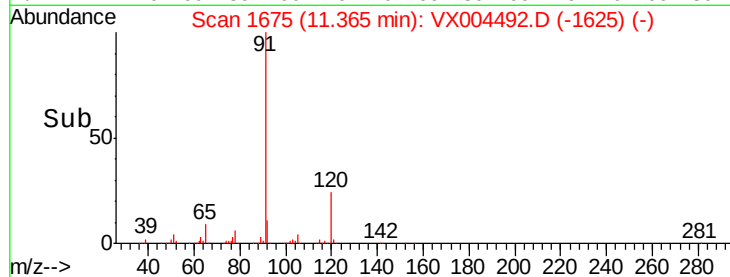
1000000

500000

0

11.30 11.40

Time-->



#84

1,2,4-Trimethylbenzene

Concen: 591.42 ug/l

RT: 11.82 min Scan# 1749

Delta R.T. 0.01 min

Lab File: VX004492.D

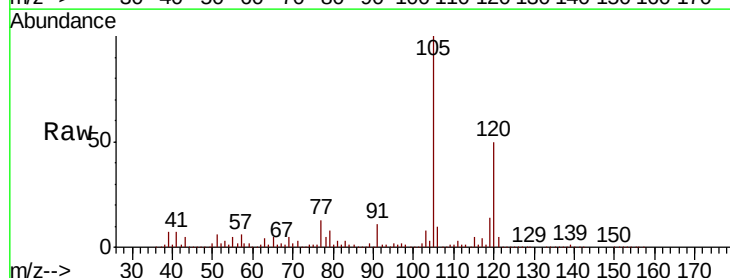
Acq: 12 Sep 2018 14:07

Tgt Ion: 105 Resp: 6670736

Ion Ratio Lower Upper

105 100

120 48.7 23.2 69.6



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

Ion 120.00 (119.70 to 120.70): VX004467.D (-1737) (-)

6000000

5000000

4000000

3000000

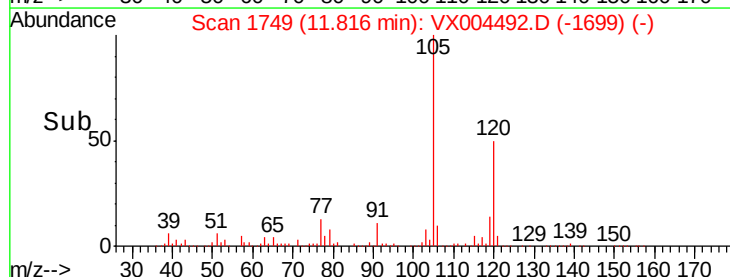
2000000

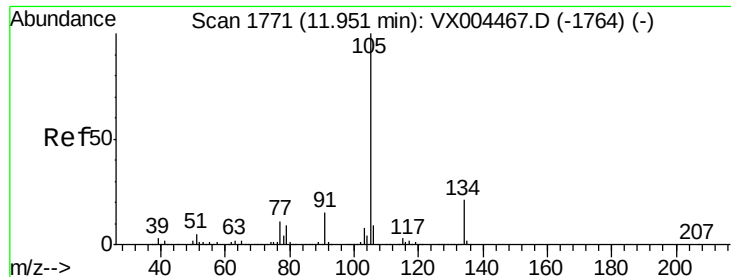
1000000

0

11.70 11.80 11.90

Time-->





#85

sec-Butylbenzene

Concen: 92.94 ug/l

RT: 11.95 min Scan# 1771

Delta R.T. -0.00 min

Lab File: VX004492.D

Acq: 12 Sep 2018 14:07

Instrument :

MSVOA_X

ClientSampled :

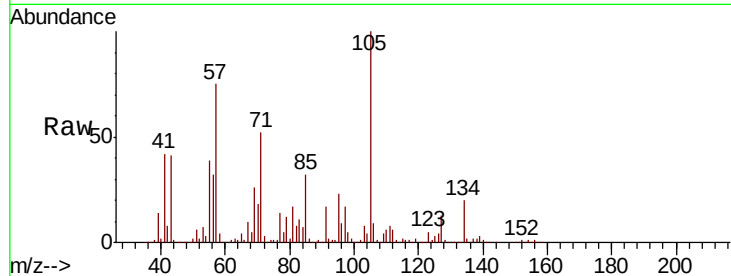
EP1-MW-A(6-8)

Tot Ion:105 Resp: 1245649

Ion Ratio Lower Upper

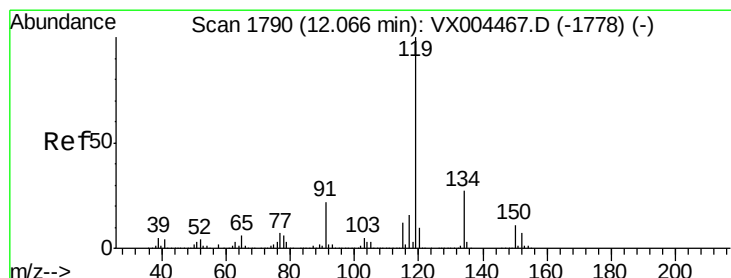
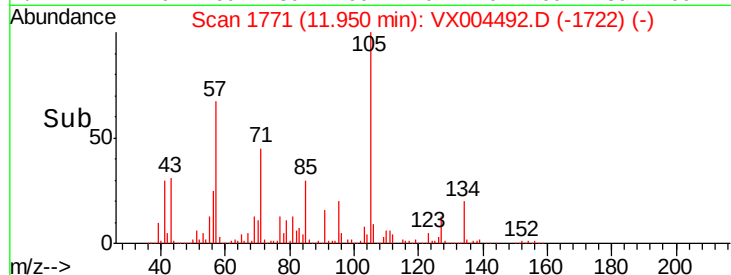
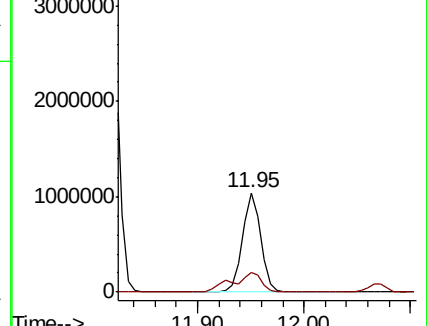
105 100

134 18.6 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 32.64 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX004492.D

Acq: 12 Sep 2018 14:07

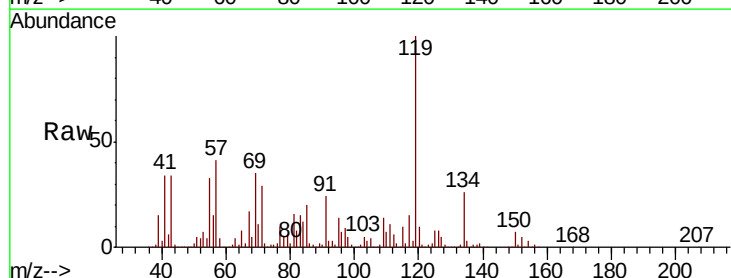
Tgt Ion:119 Resp: 386300

Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.2

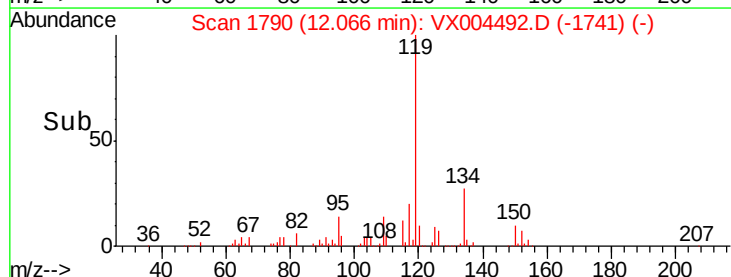
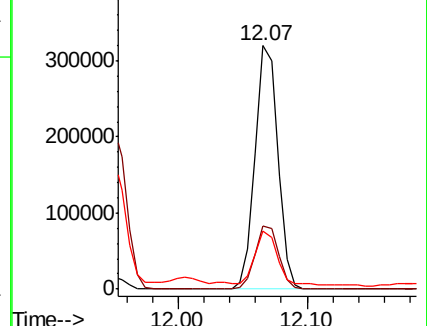
91 21.4 10.9 32.7

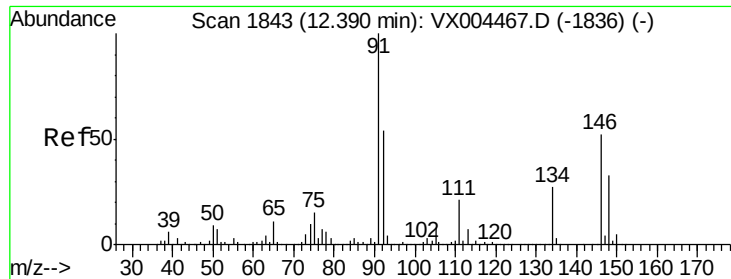


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#89

n-Butylbenzene

Concen: 128.85 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX004492.D

Acq: 12 Sep 2018 14:07

Instrument :

MSVOA_X

ClientSampleId :

EP1-MW-A(6-8)

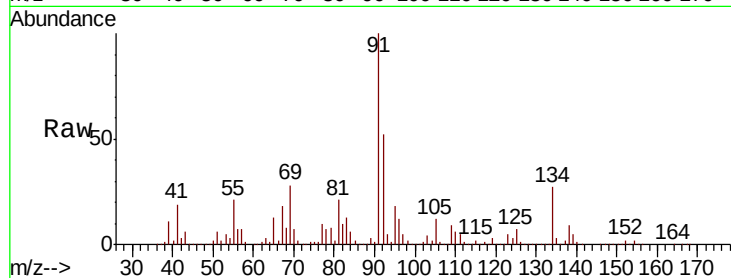
Tot Ion: 91 Resp: 1389655

Ion Ratio Lower Upper

91 100

92 47.7 27.3 81.9

134 28.8 13.6 40.7



Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V

