

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090418\
 Data File : VW005114.D
 Acq On : 05 Sep 2018 07:40
 Operator : SY/AP
 Sample : J4693-06
 Misc : 6.25G/5ML/MSVOA W/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-MW-F(15-20)

Quant Time: Sep 05 11:58:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 01 03:35:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	467585	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	829298	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	858756	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	407940	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	205627	53.05	ug/l	0.00
Spiked Amount			Recovery	=	106.10%	
35) Dibromofluoromethane	7.89	113	191561	39.97	ug/l	0.00
Spiked Amount			Recovery	=	79.94%	
50) Toluene-d8	10.33	98	808101	36.59	ug/l	0.00
Spiked Amount			Recovery	=	73.18%	
62) 4-Bromofluorobenzene	12.62	95	317282	40.75	ug/l	0.00
Spiked Amount			Recovery	=	81.50%	

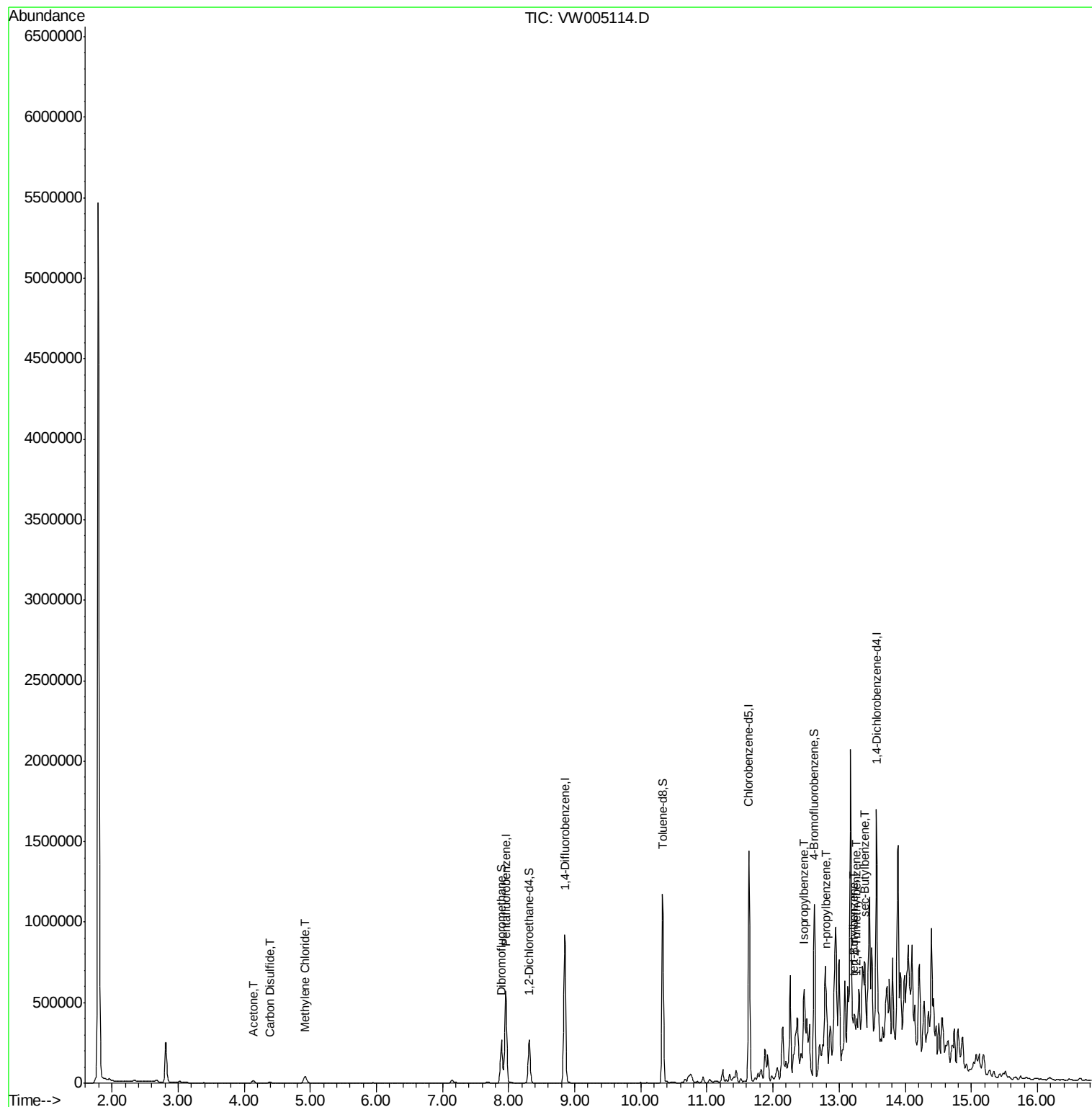
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	25288	32.53	ug/l	93
17) Carbon Disulfide	4.39	76	15061	1.14	ug/l	97
20) Methylene Chloride	4.92	84	32474	2.48	ug/l	95
73) Isopropylbenzene	12.47	105	268881	9.35	ug/l	99
78) n-propylbenzene	12.81	91	258787	7.45	ug/l	100
83) tert-Butylbenzene	13.21	119	30155	1.45	ug/l	93
84) 1,2,4-Trimethylbenzene	13.26	105	60262	2.38	ug/l	99
85) sec-Butylbenzene	13.39	105	231450	7.58	ug/l #	75

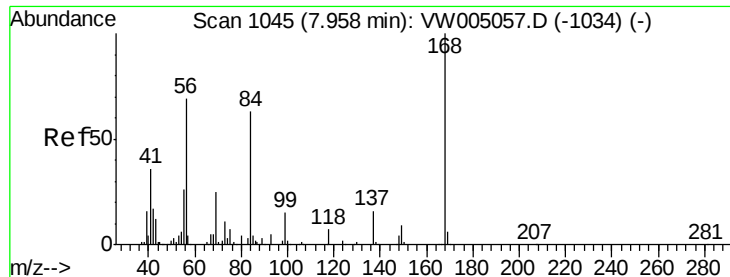
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090418\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 01 03:35:05 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.00 min

Lab File: VW005114.D

Acq: 05 Sep 2018 07:40

Instrument :

MSVOA_W

ClientSampleId :

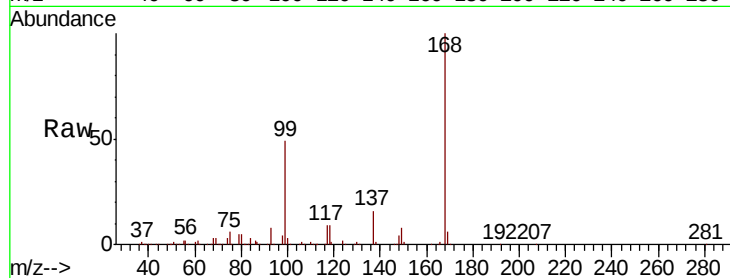
EP1-MW-F(15-20)

Tot Ion:168 Resp: 467585

Ion Ratio Lower Upper

168 100

99 48.6 39.4 59.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

200000

150000

100000

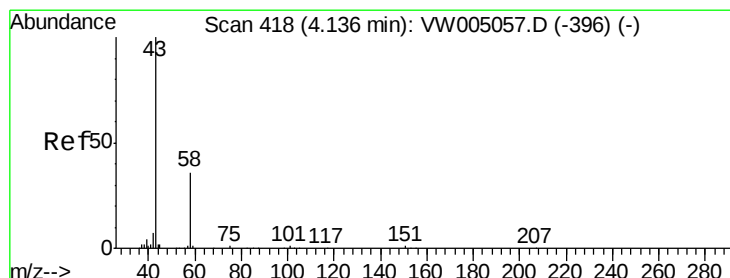
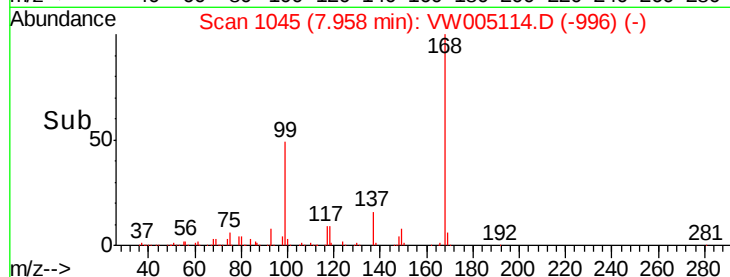
50000

0

7.90

8.00

Time-->



#16

Acetone

Concen: 32.53 ug/l

RT: 4.14 min Scan# 418

Delta R.T. -0.00 min

Lab File: VW005114.D

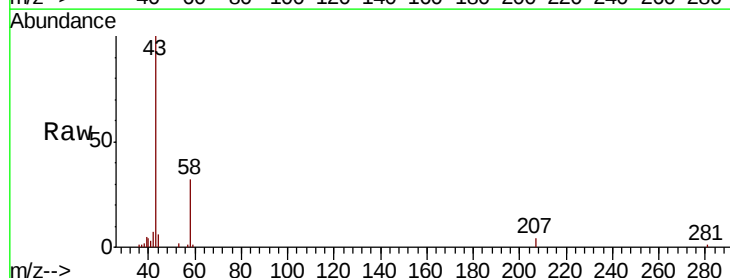
Acq: 05 Sep 2018 07:40

Tgt Ion: 43 Resp: 25288

Ion Ratio Lower Upper

43 100

58 32.3 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

10000

8000

6000

4000

2000

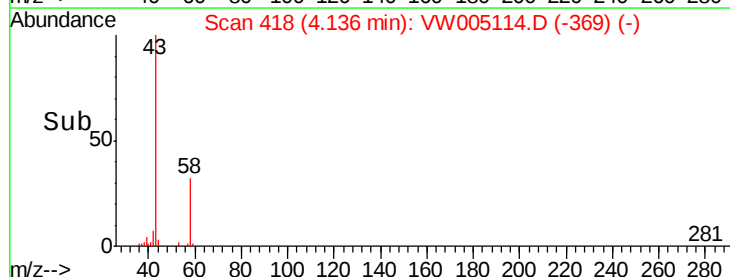
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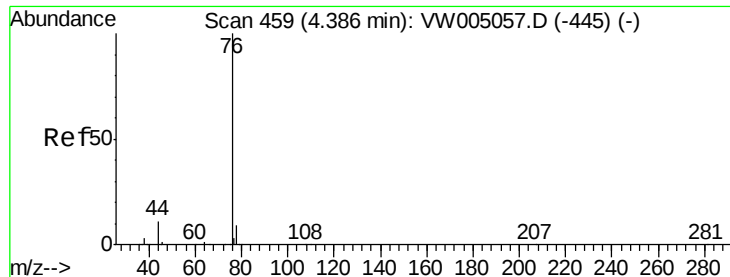
4.00

4.10

4.20

Time-->

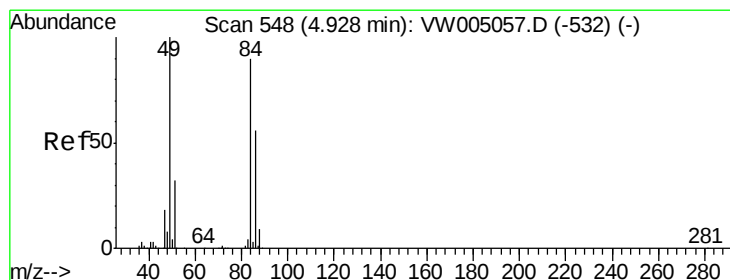
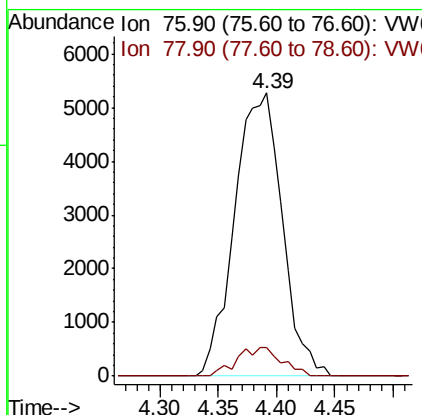
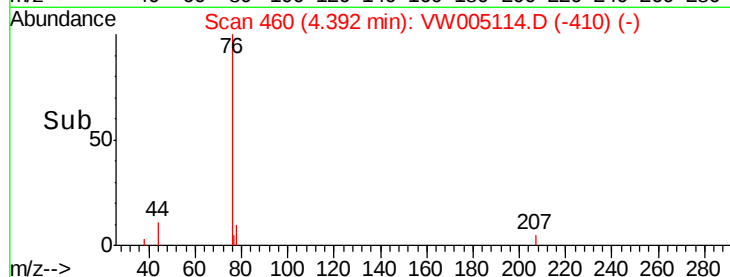
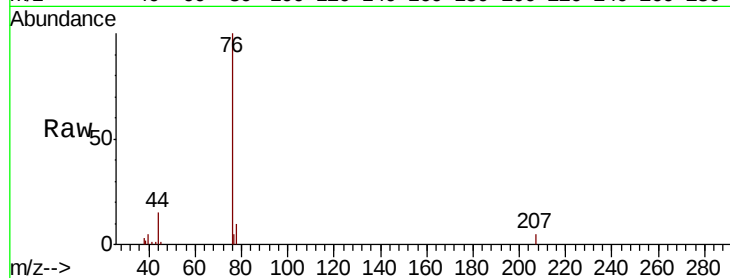




#17
Carbon Disulfide
Concen: 1.14 ug/l
RT: 4.39 min Scan# 460
Delta R.T. 0.01 min
Lab File: VW005114.D
Acq: 05 Sep 2018 07:40

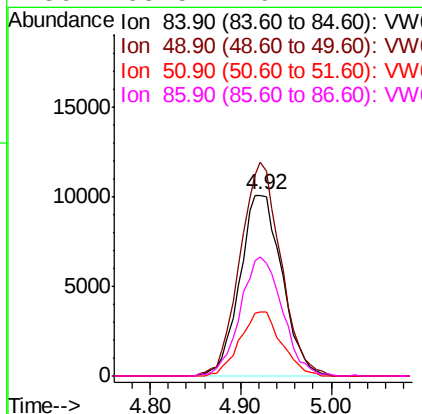
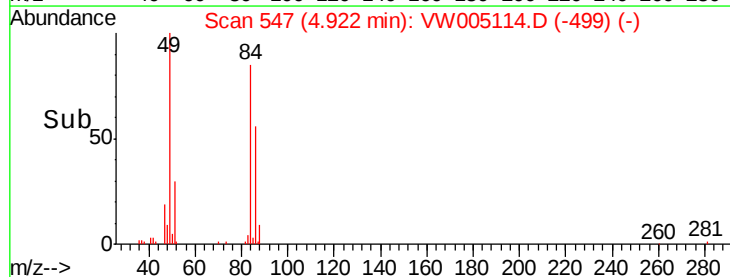
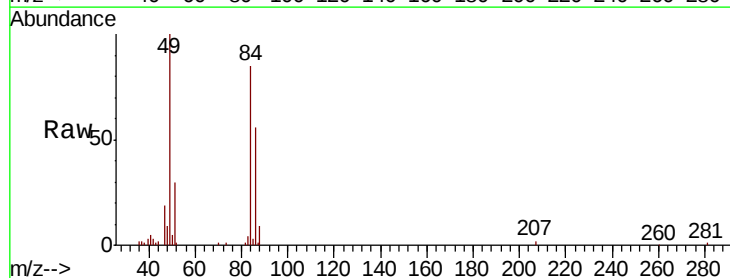
Instrument :
MSVOA_W
ClientSampleId :
EP1-MW-F(15-20)

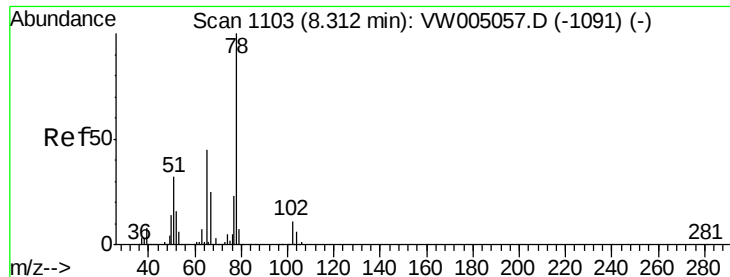
Tot Ion: 76 Resp: 15061
Ion Ratio Lower Upper
76 100
78 10.1 7.3 10.9



#20
Methylene Chloride
Concen: 2.48 ug/l
RT: 4.92 min Scan# 547
Delta R.T. -0.01 min
Lab File: VW005114.D
Acq: 05 Sep 2018 07:40

Tgt Ion: 84 Resp: 32474
Ion Ratio Lower Upper
84 100
49 117.9 88.7 133.1
51 35.5 28.6 42.8
86 65.5 49.4 74.2

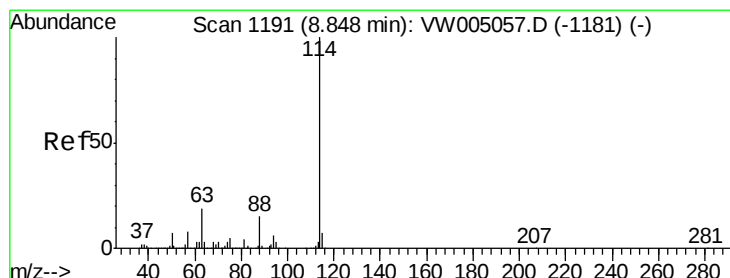
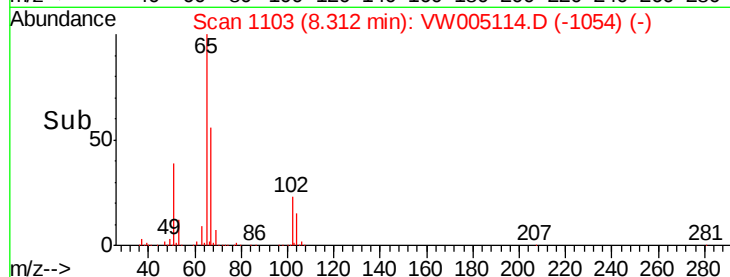
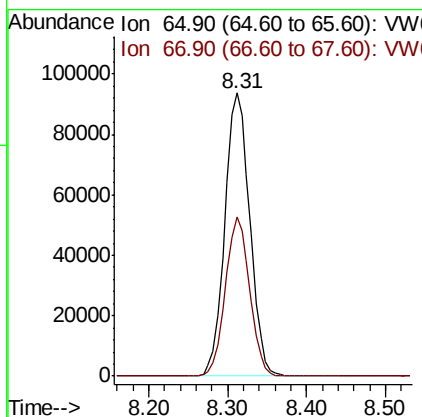
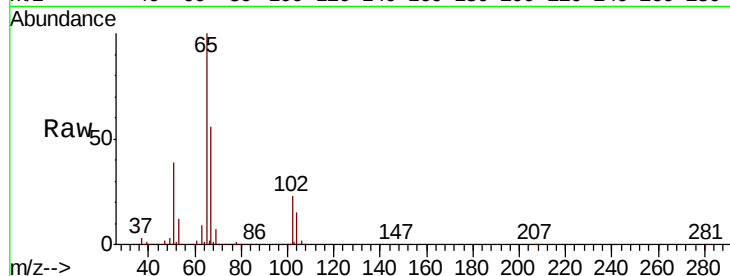




#33
 1,2-Dichloroethane-d4
 Concen: 53.05 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VW005114.D
 Acq: 05 Sep 2018 07:40

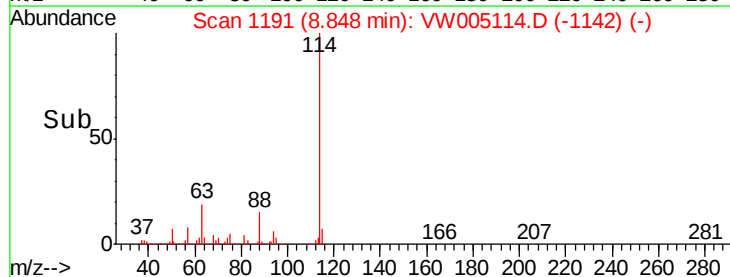
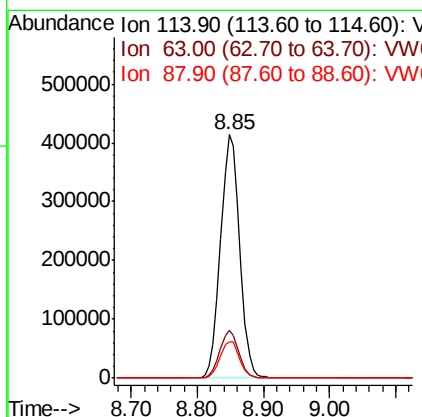
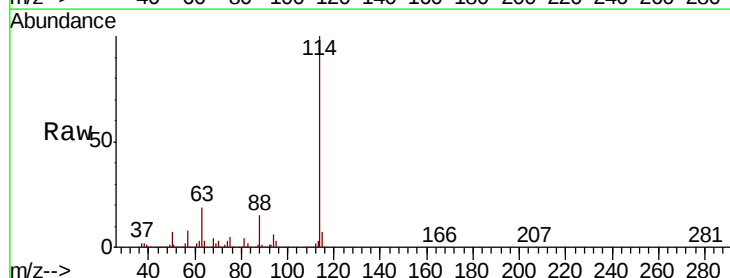
Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-MW-F(15-20)

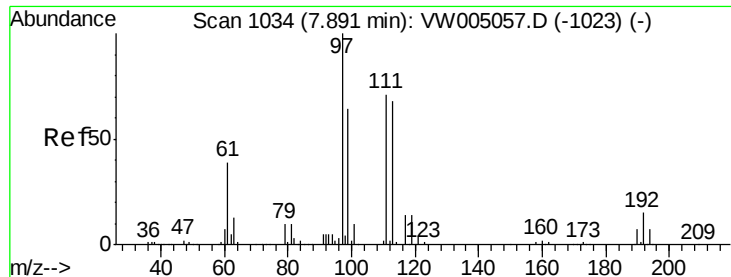
Tot Ion: 65 Resp: 205627
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW005114.D
 Acq: 05 Sep 2018 07:40

Tgt Ion: 114 Resp: 829298
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 38.0
 88 15.0 0.0 30.2

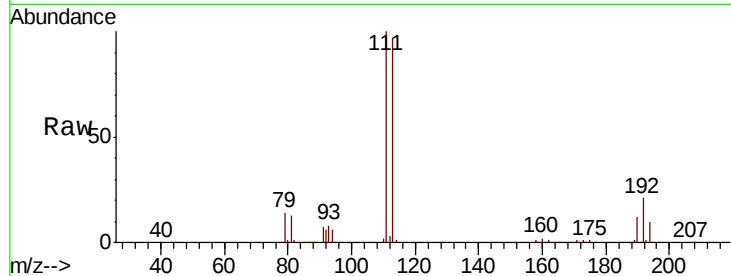




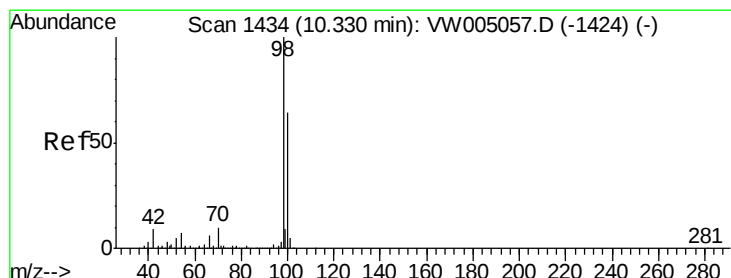
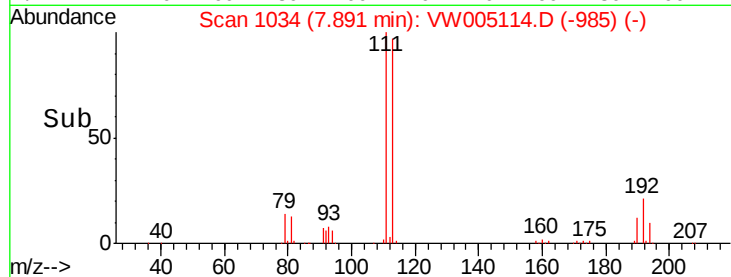
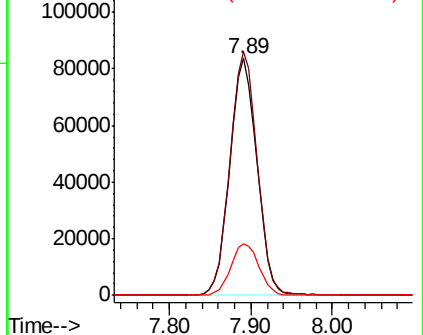
#35
Dibromofluoromethane
Concen: 39.97 ug/l
RT: 7.89 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VW005114.D
Acq: 05 Sep 2018 07:40

Instrument :
MSVOA_W
ClientSampleId :
EP1-MW-F(15-20)

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.2	123.2
192	22.4	18.1	27.1

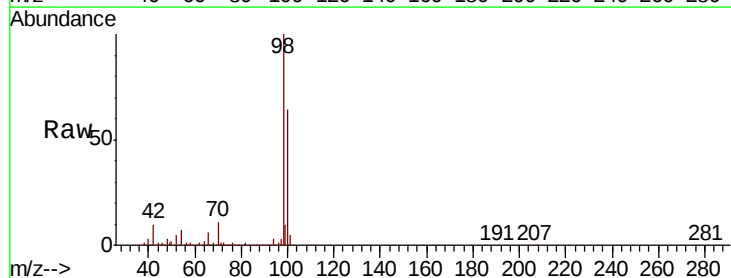


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

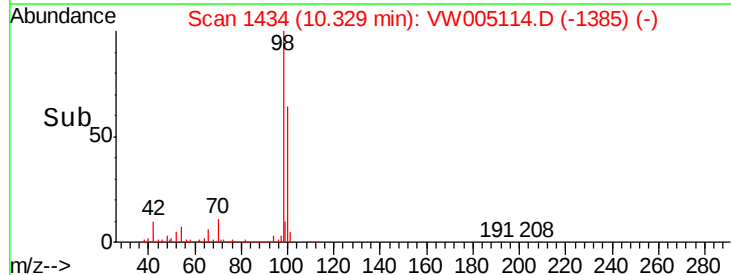
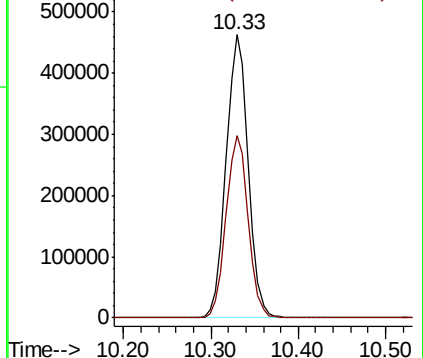


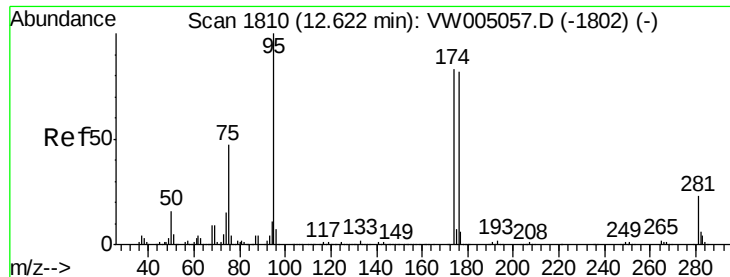
#50
Toluene-d8
Concen: 36.59 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW005114.D
Acq: 05 Sep 2018 07:40

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.7	77.5



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 40.75 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW005114.D

Acq: 05 Sep 2018 07:40

Instrument :

MSVOA_W

ClientSampleId :

EP1-MW-F(15-20)

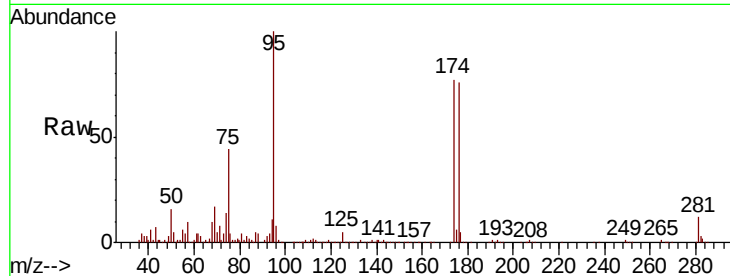
Tot Ion: 95 Resp: 317282

Ion Ratio Lower Upper

95 100

174 84.3 0.0 173.4

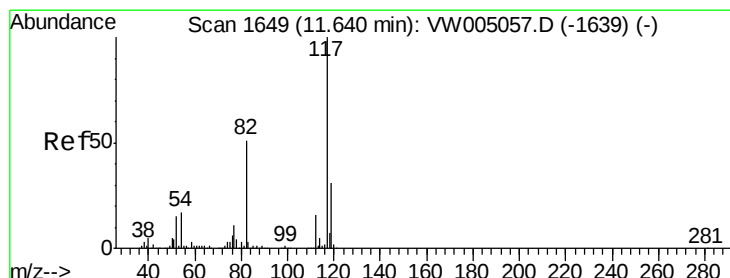
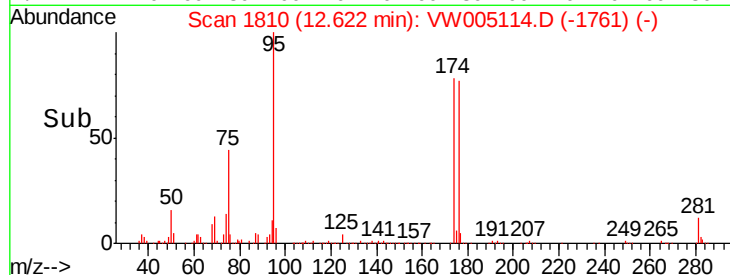
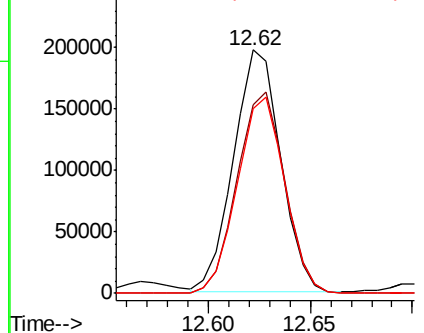
176 81.6 0.0 167.4



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.63 min Scan# 1648

Delta R.T. -0.01 min

Lab File: VW005114.D

Acq: 05 Sep 2018 07:40

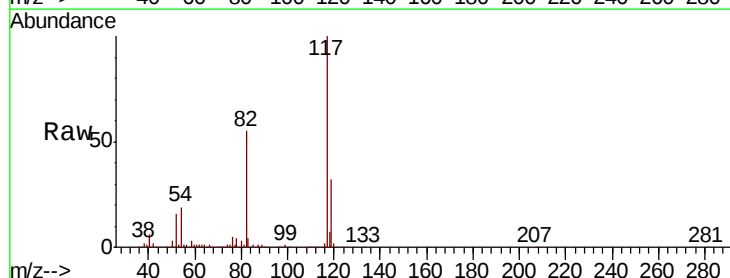
Tgt Ion: 117 Resp: 858756

Ion Ratio Lower Upper

117 100

82 54.8 40.9 61.3

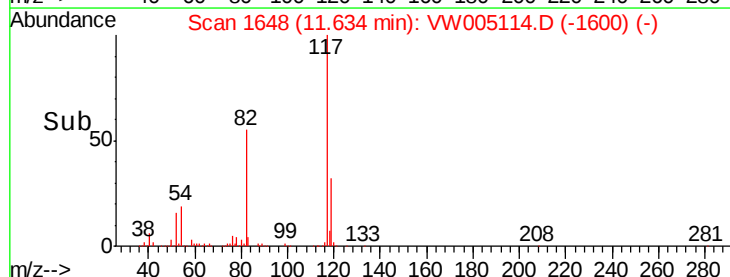
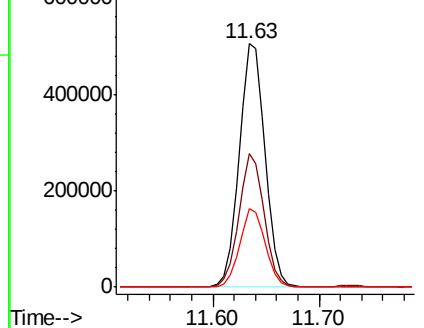
119 32.4 24.9 37.3

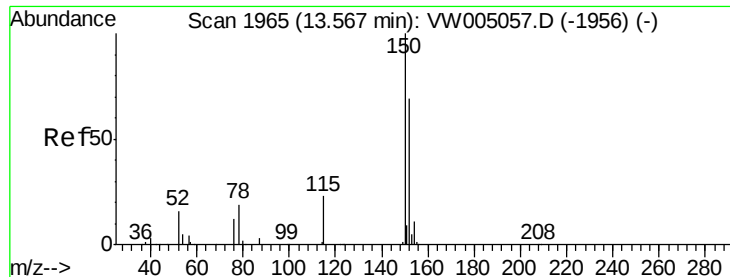


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

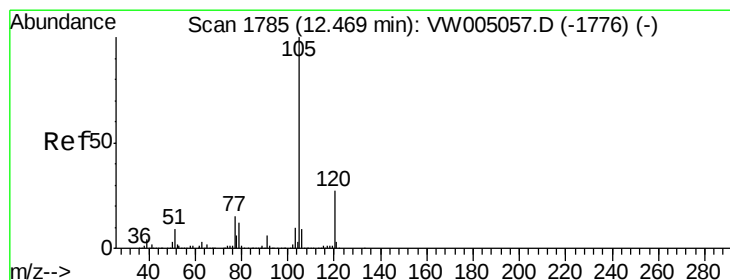
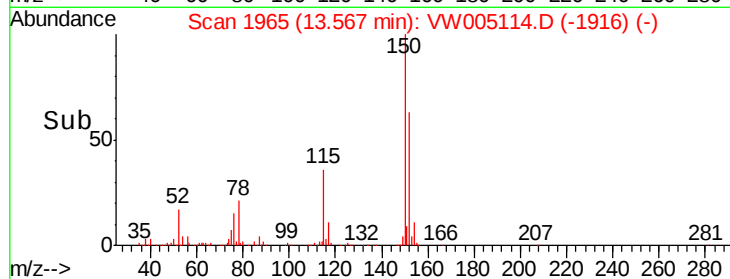
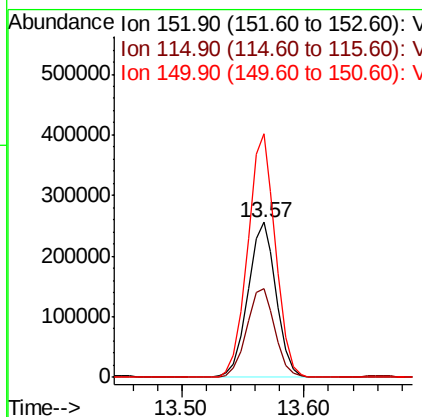
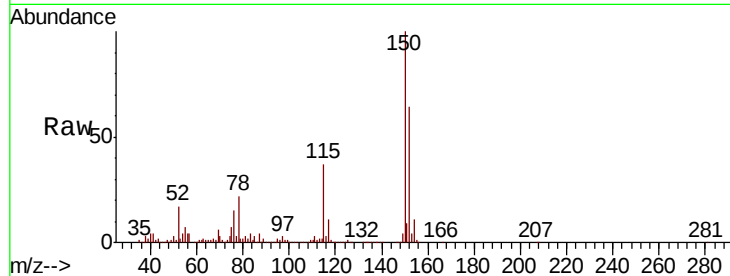




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.57 min Scan# 1965
 Delta R.T. -0.00 min
 Lab File: VW005114.D
 Acq: 05 Sep 2018 07:40

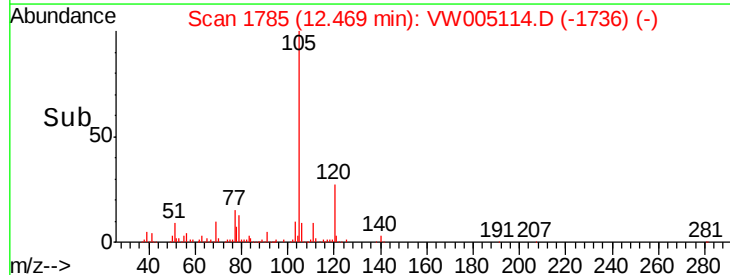
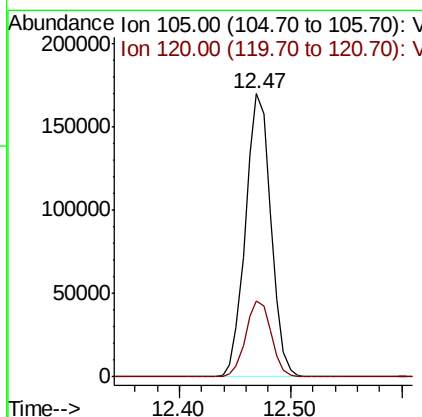
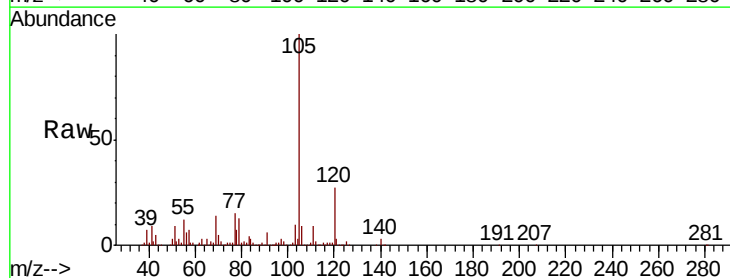
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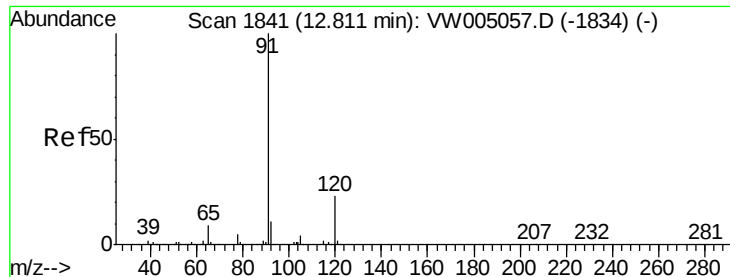
Tot Ion:152 Resp: 407940
 Ion Ratio Lower Upper
 152 100
 115 57.1 27.8 83.4
 150 154.1 0.0 351.4



#73
 Isopropylbenzene
 Concen: 9.35 ug/l
 RT: 12.47 min Scan# 1785
 Delta R.T. -0.00 min
 Lab File: VW005114.D
 Acq: 05 Sep 2018 07:40

Tgt Ion:105 Resp: 268881
 Ion Ratio Lower Upper
 105 100
 120 27.0 13.4 40.1





#78

n-propylbenzene

Concen: 7.45 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VW005114.D

Acq: 05 Sep 2018 07:40

Instrument :

MSVOA_W

ClientSampleId :

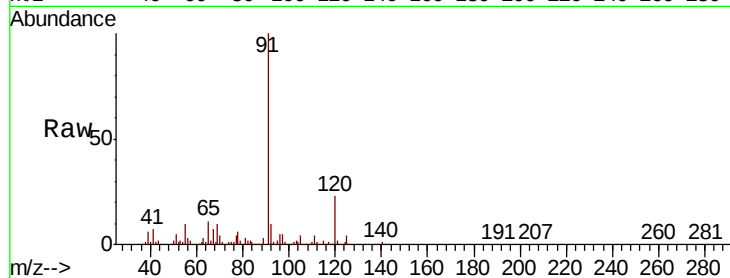
EP1-MW-F(15-20)

Tot Ion: 91 Resp: 258787

Ion Ratio Lower Upper

91 100

120 23.5 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

200000

150000

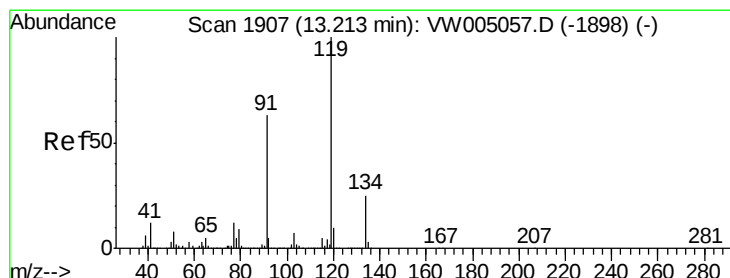
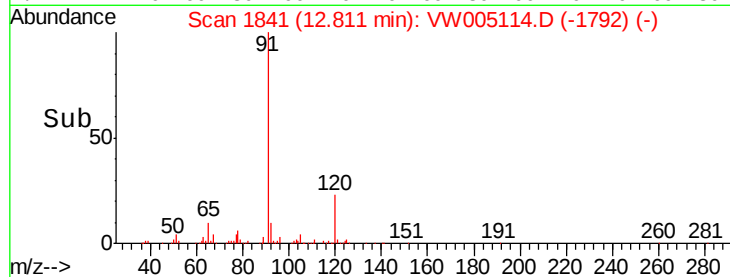
100000

50000

0

12.70 12.80

Time-->



#83

tert-Butylbenzene

Concen: 1.45 ug/l

RT: 13.21 min Scan# 1907

Delta R.T. -0.00 min

Lab File: VW005114.D

Acq: 05 Sep 2018 07:40

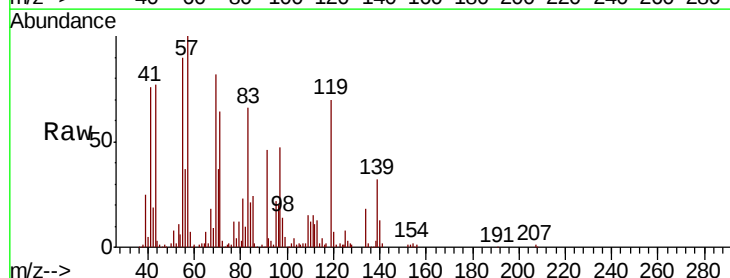
Tgt Ion: 119 Resp: 30155

Ion Ratio Lower Upper

119 100

91 70.4 31.8 95.4

134 24.9 13.0 39.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VW

Ion 134.00 (133.70 to 134.70): V

25000

20000

15000

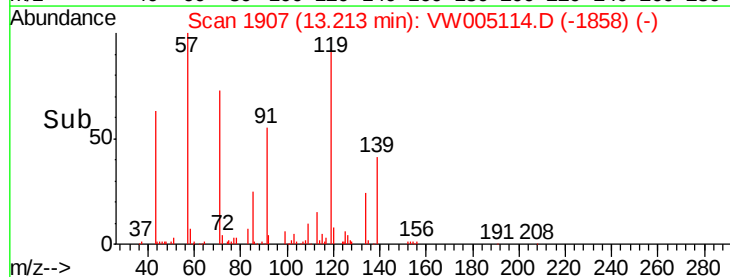
10000

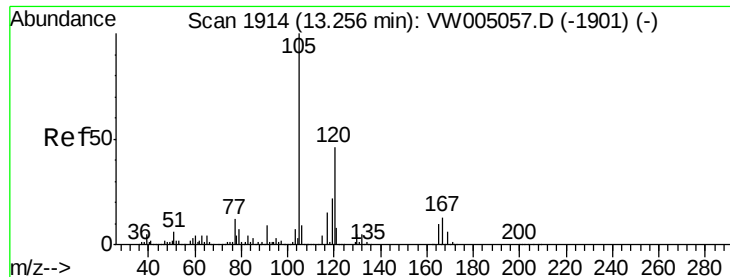
5000

0

13.15 13.20 13.25

Time-->





#84

1,2,4-Trimethylbenzene

Concen: 2.38 ug/l

RT: 13.26 min Scan# 1914

Delta R.T. -0.00 min

Lab File: VW005114.D

Acq: 05 Sep 2018 07:40

Instrument :

MSVOA_W

ClientSampleId :

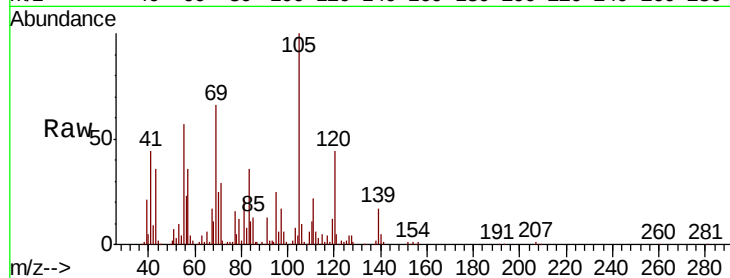
EP1-MW-F(15-20)

Tot Ion:105 Resp: 60262

Ion Ratio Lower Upper

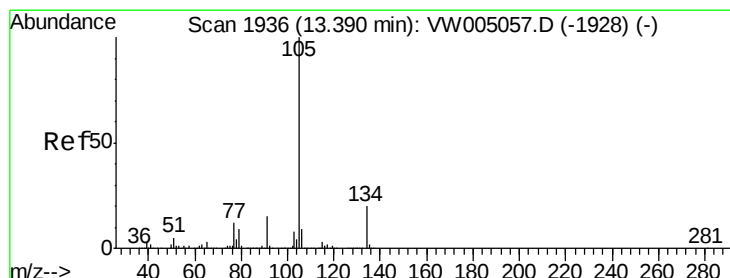
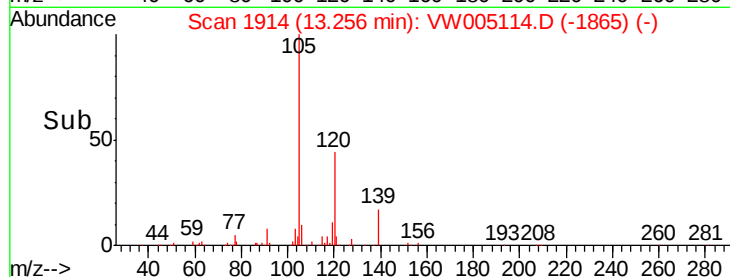
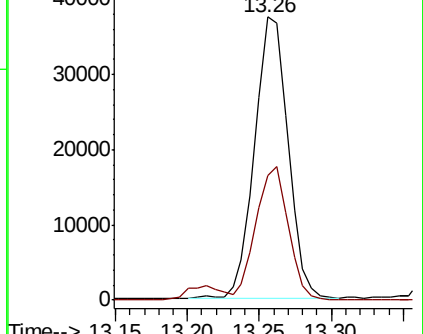
105 100

120 45.6 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 7.58 ug/l

RT: 13.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VW005114.D

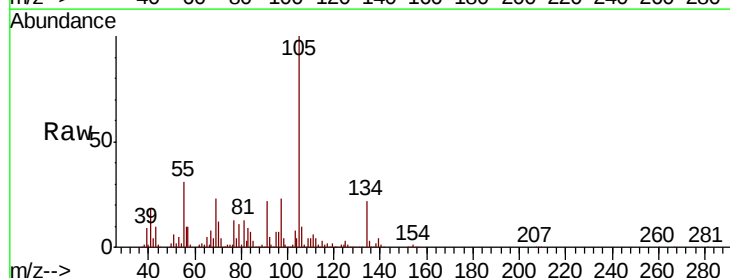
Acq: 05 Sep 2018 07:40

Tgt Ion:105 Resp: 231450

Ion Ratio Lower Upper

105 100

134 31.6 10.1 30.3#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

