

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090418\
 Data File : VW005115.D
 Acq On : 05 Sep 2018 08:06
 Operator : SY/AP
 Sample : J4693-07
 Misc : 5.79G/5ML/MSVOA W/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-MW-FD01

Quant Time: Sep 05 08:25:54 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	479317	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	893432	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	902206	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	423876	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	204768	51.54	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.08%	
35) Dibromofluoromethane	7.89	113	189570	36.72	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	73.44%	
50) Toluene-d8	10.33	98	755498	31.76	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	63.52%	
62) 4-Bromofluorobenzene	12.62	95	298956	35.64	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	71.28%	

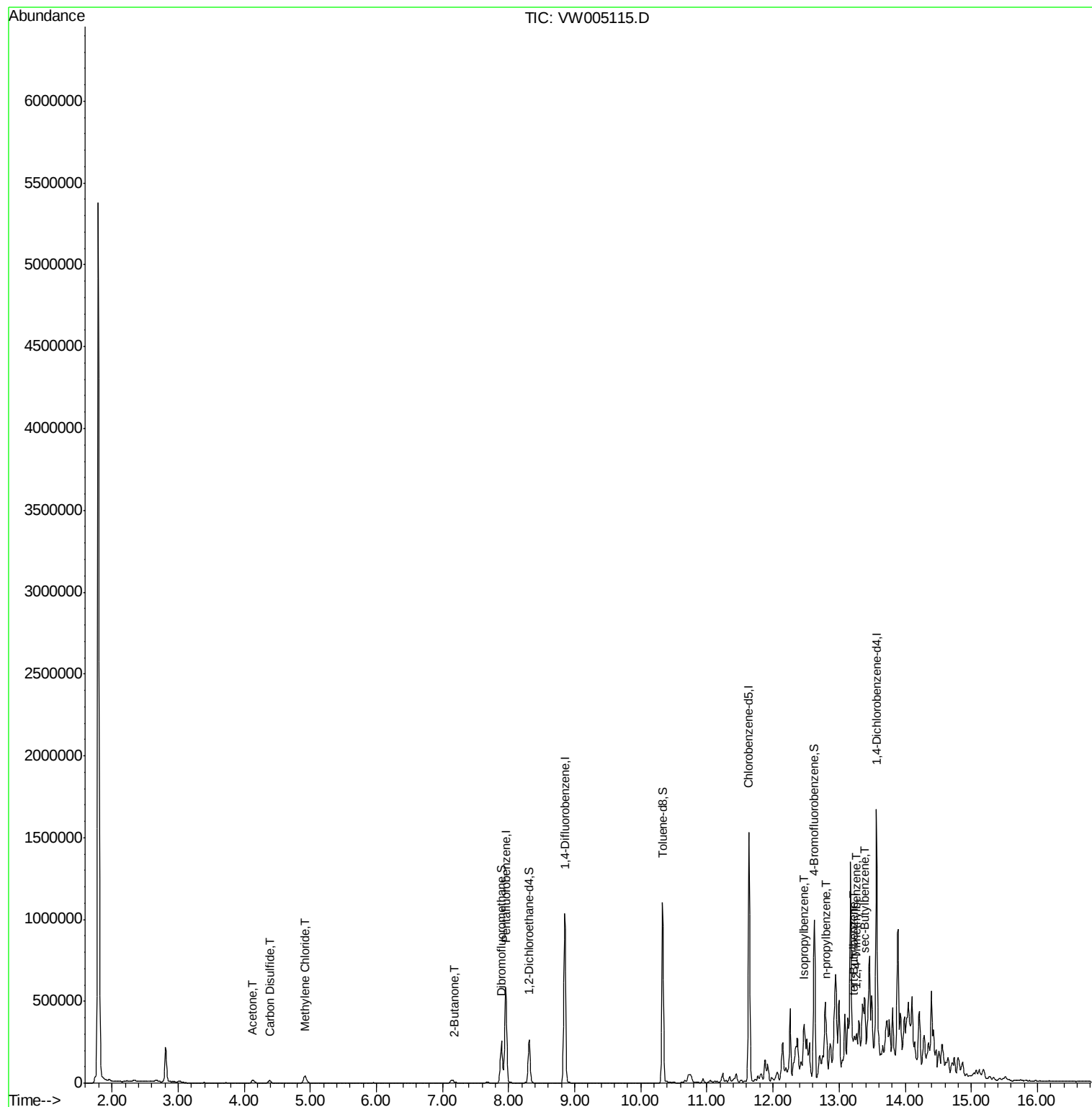
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	32944	41.34	ug/l	91
17) Carbon Disulfide	4.39	76	31243	2.31	ug/l	99
20) Methylene Chloride	4.92	84	34571	2.74	ug/l	99
25) 2-Butanone	7.18	43	6672	4.83	ug/l	97
73) Isopropylbenzene	12.47	105	158716	5.31	ug/l	99
78) n-propylbenzene	12.81	91	158618	4.40	ug/l	99
83) tert-Butylbenzene	13.21	119	21980	1.02	ug/l	91
84) 1,2,4-Trimethylbenzene	13.26	105	66794	2.54	ug/l	99
85) sec-Butylbenzene	13.39	105	156757	4.94	ug/l #	72

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

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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: VW005115.D

Acq: 05 Sep 2018 08:06

Instrument :

MSVOA_W

ClientSampleId :

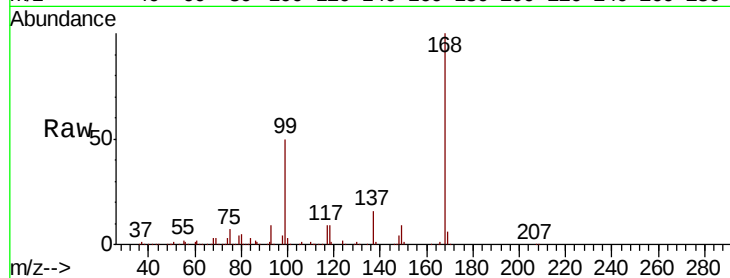
EP1-MW-FD01

Tot Ion:168 Resp: 479317

Ion Ratio Lower Upper

168 100

99 50.0 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

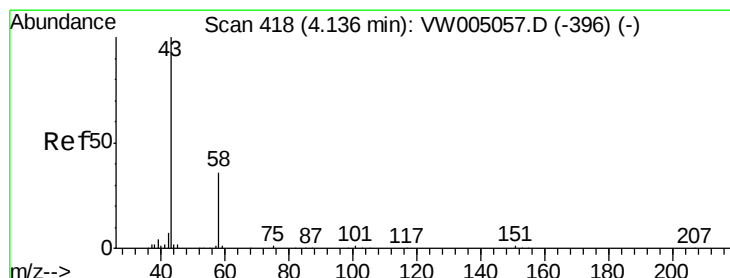
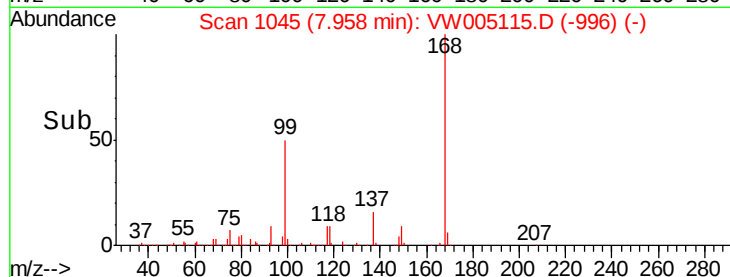
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 41.34 ug/l

RT: 4.14 min Scan# 418

Delta R.T. -0.00 min

Lab File: VW005115.D

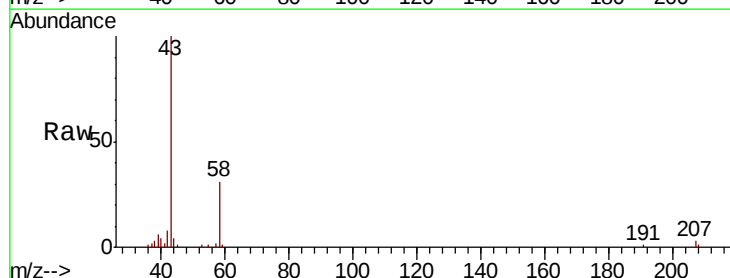
Acq: 05 Sep 2018 08:06

Tgt Ion: 43 Resp: 32944

Ion Ratio Lower Upper

43 100

58 30.8 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

12000

10000

8000

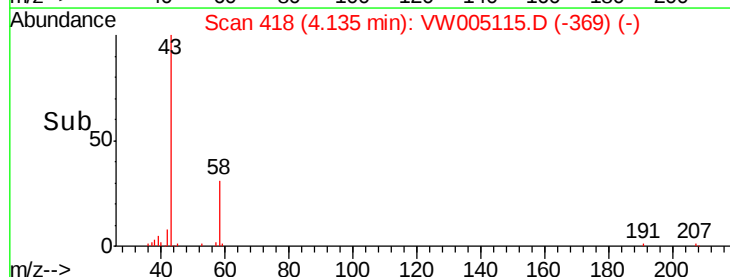
6000

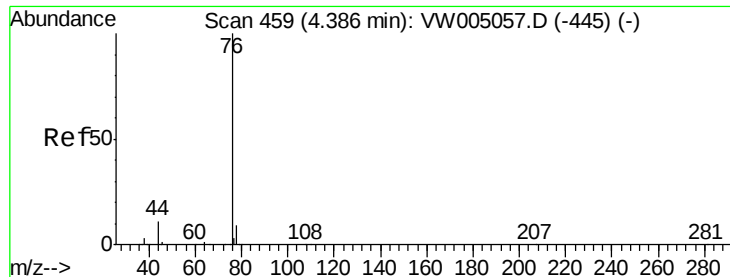
4000

2000

0

Time--> 4.00 4.10 4.20





#17

Carbon Disulfide

Concen: 2.31 ug/l

RT: 4.39 min Scan# 459

Delta R.T. -0.00 min

Lab File: VW005115.D

Acq: 05 Sep 2018 08:06

Instrument :

MSVOA_W

ClientSampleId :

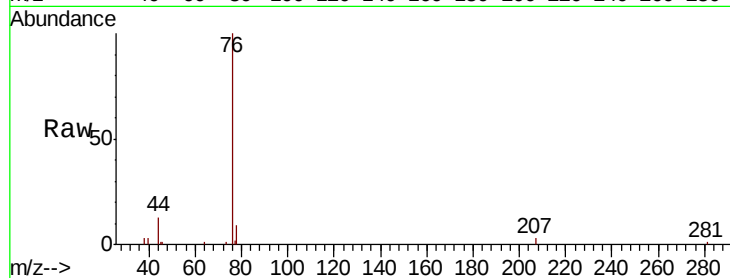
EP1-MW-FD01

Tot Ion: 76 Resp: 31243

Ion Ratio Lower Upper

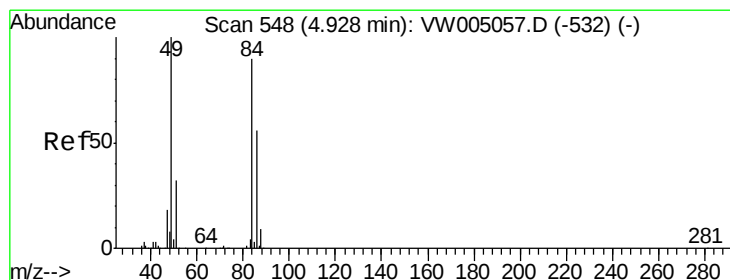
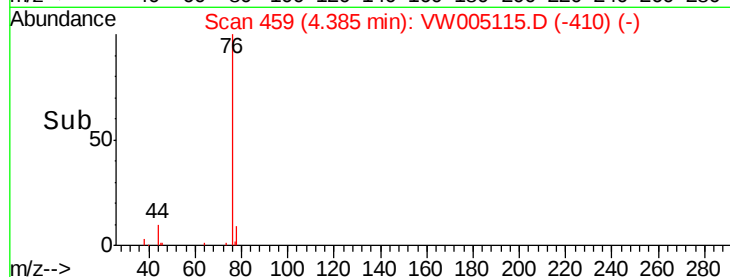
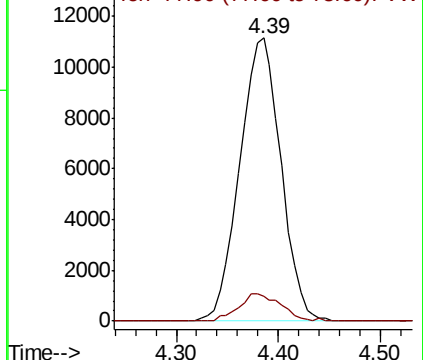
76 100

78 8.7 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#20

Methylene Chloride

Concen: 2.74 ug/l

RT: 4.92 min Scan# 547

Delta R.T. -0.01 min

Lab File: VW005115.D

Acq: 05 Sep 2018 08:06

Tgt Ion: 84 Resp: 34571

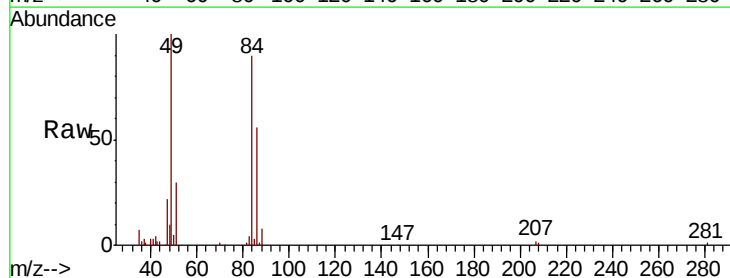
Ion Ratio Lower Upper

84 100

49 110.7 88.7 133.1

51 33.6 28.6 42.8

86 62.5 49.4 74.2

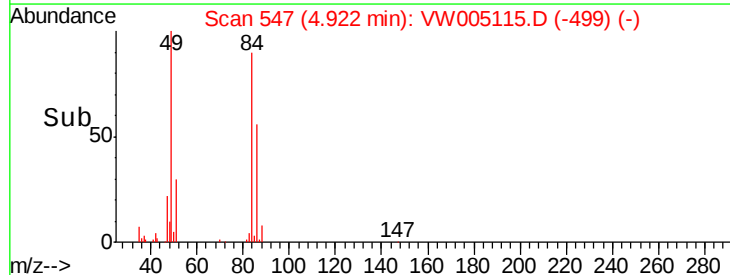
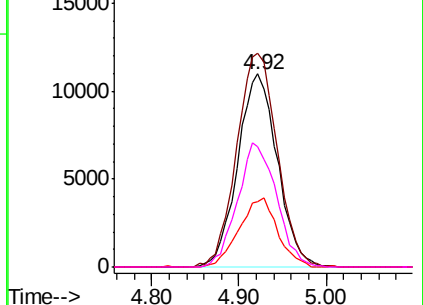


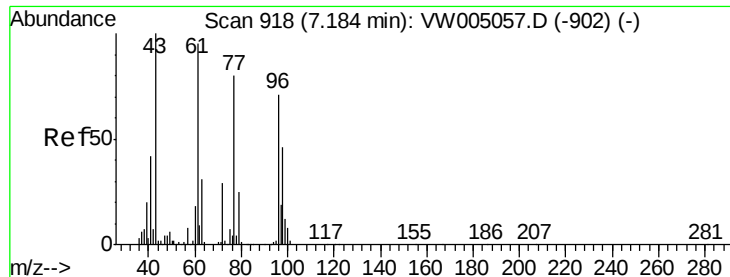
Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW

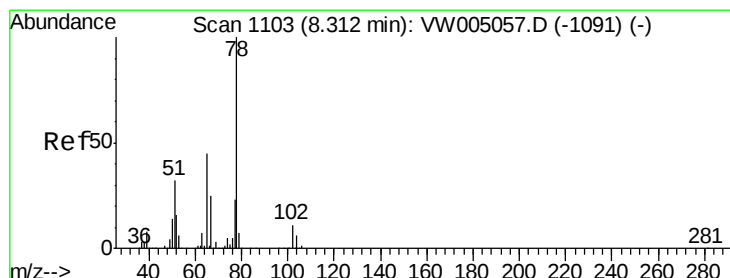
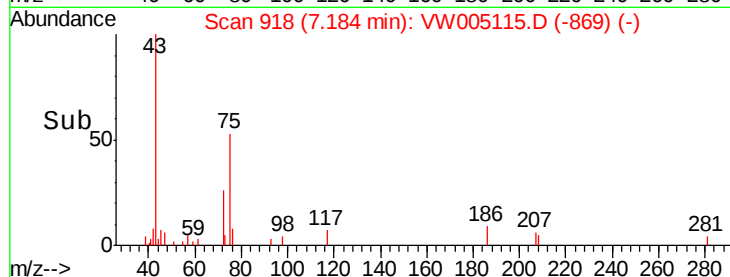
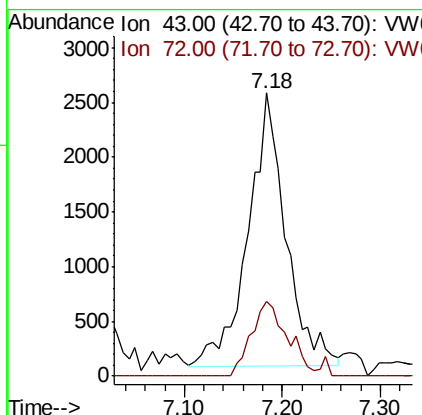
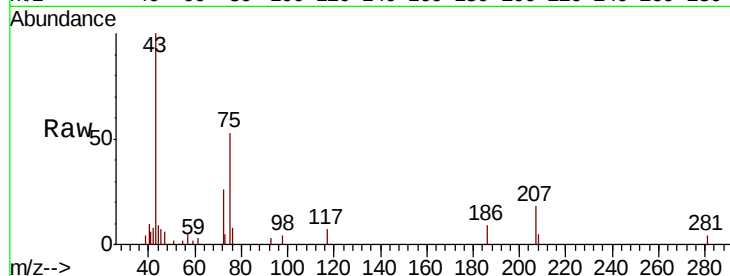




#25
2-Butanone
Concen: 4.83 ug/l
RT: 7.18 min Scan# 918
Delta R.T. -0.00 min
Lab File: VW005115.D
Acq: 05 Sep 2018 08:06

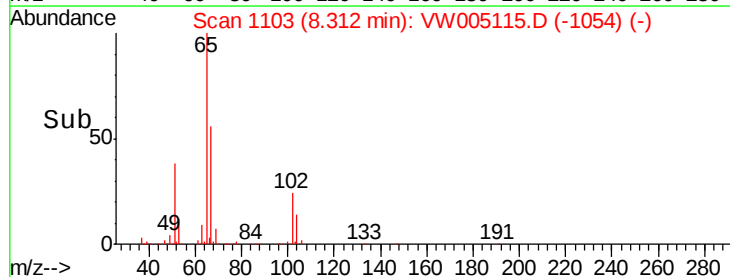
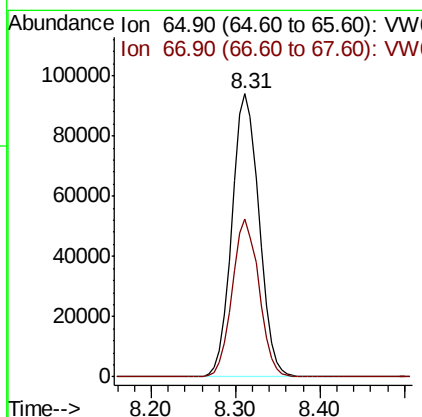
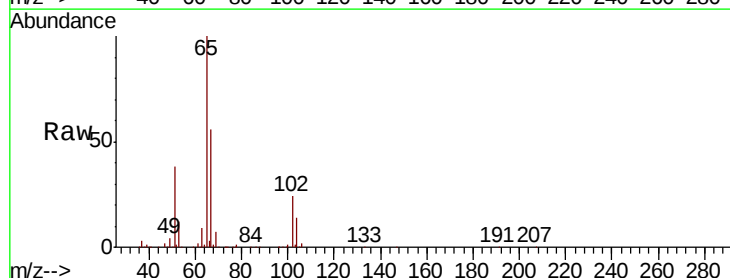
Instrument :
MSVOA_W
ClientSampleId :
EP1-MW-FD01

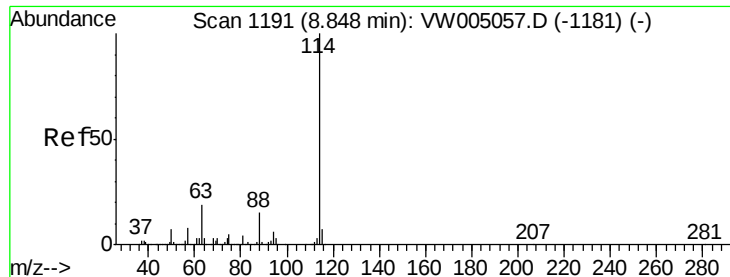
Tot Ion: 43 Resp: 6672
Ion Ratio Lower Upper
43 100
72 27.5 23.1 34.7



#33
1,2-Dichloroethane-d4
Concen: 51.54 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. -0.00 min
Lab File: VW005115.D
Acq: 05 Sep 2018 08:06

Tgt Ion: 65 Resp: 204768
Ion Ratio Lower Upper
65 100
67 55.0 0.0 109.4

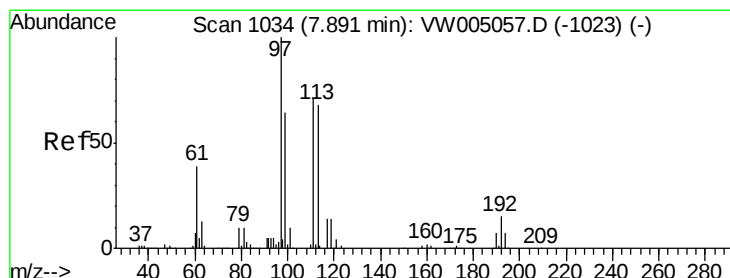
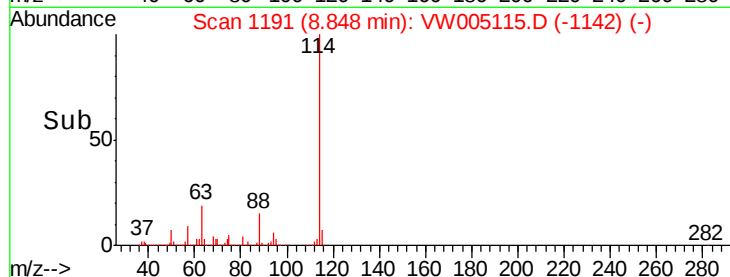
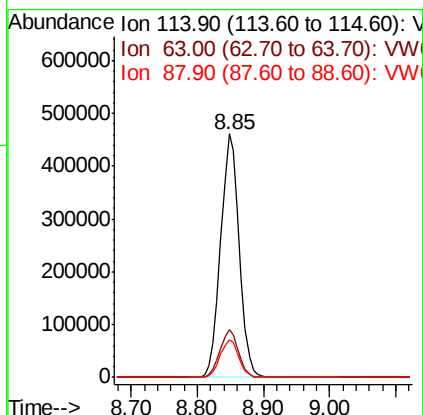
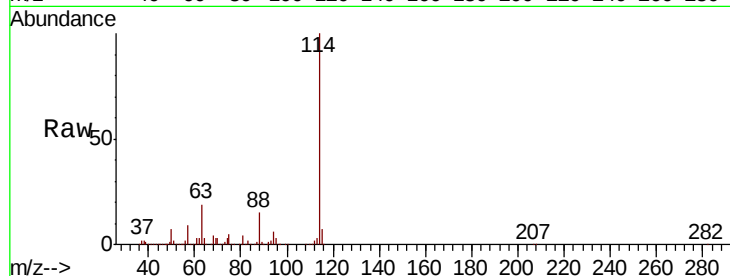




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW005115.D
 Acq: 05 Sep 2018 08:06

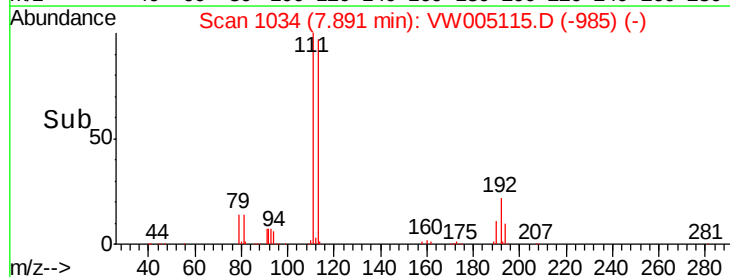
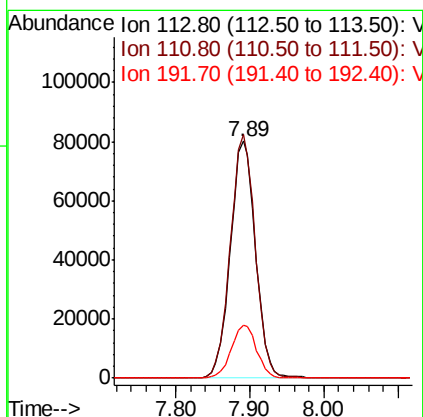
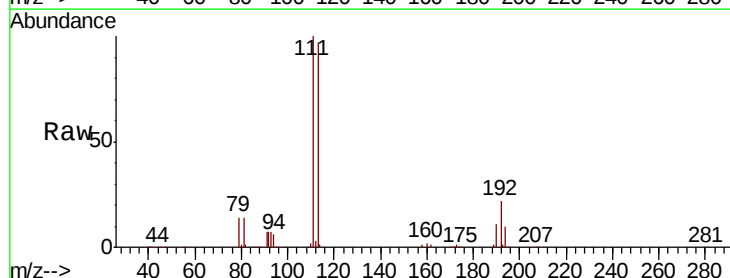
Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-MW-FD01

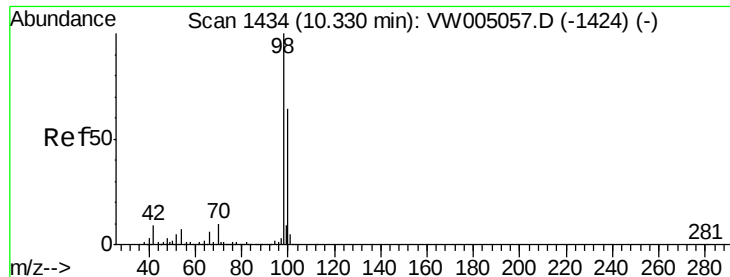
Tot Ion:114 Resp: 893432
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 38.0
 88 15.3 0.0 30.2



#35
 Dibromofluoromethane
 Concen: 36.72 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: VW005115.D
 Acq: 05 Sep 2018 08:06

Tgt Ion:113 Resp: 189570
 Ion Ratio Lower Upper
 113 100
 111 101.8 82.2 123.2
 192 22.4 18.1 27.1





#50

Toluene-d8

Concen: 31.76 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW005115.D

Acq: 05 Sep 2018 08:06

Instrument :

MSVOA_W

ClientSampleId :

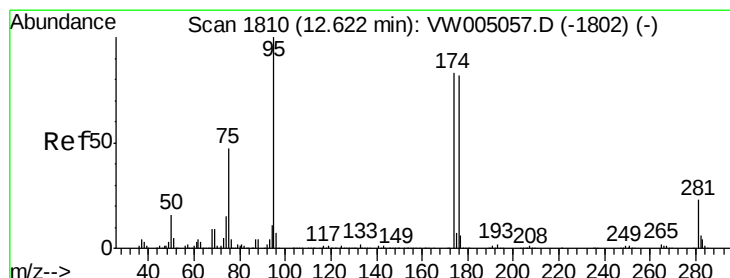
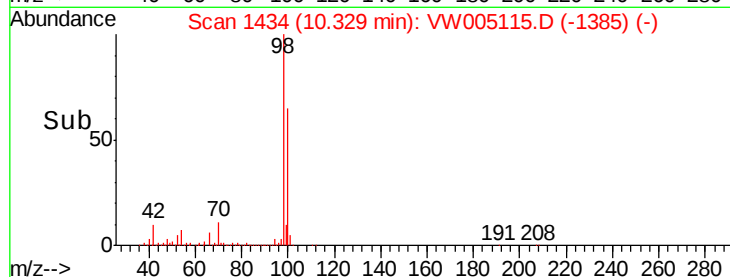
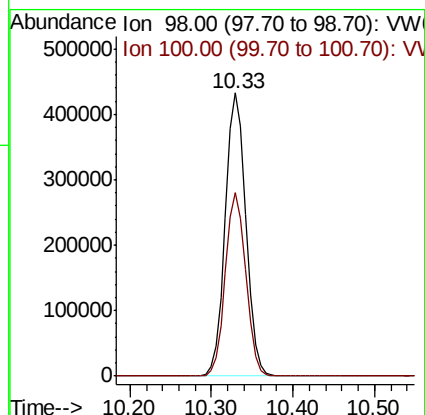
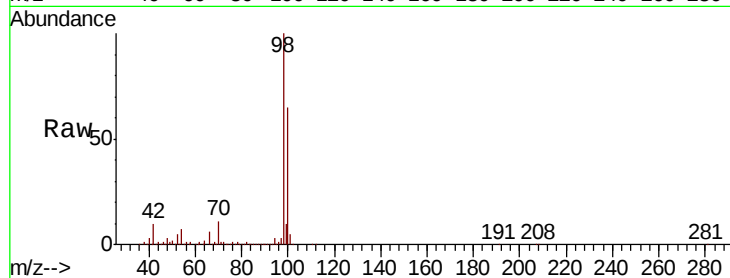
EP1-MW-FD01

Tot Ion: 98 Resp: 755498

Ion Ratio Lower Upper

98 100

100 64.4 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 35.64 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW005115.D

Acq: 05 Sep 2018 08:06

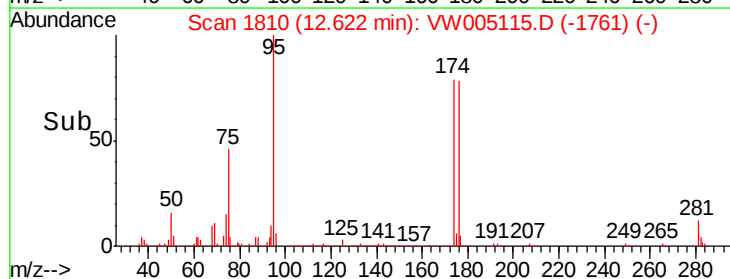
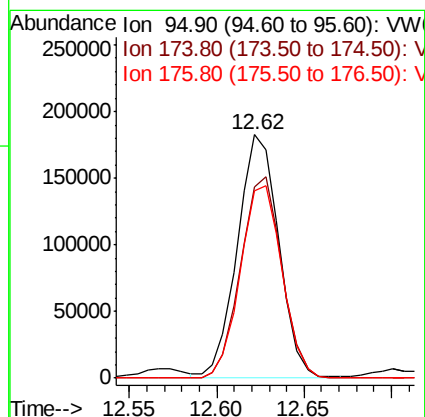
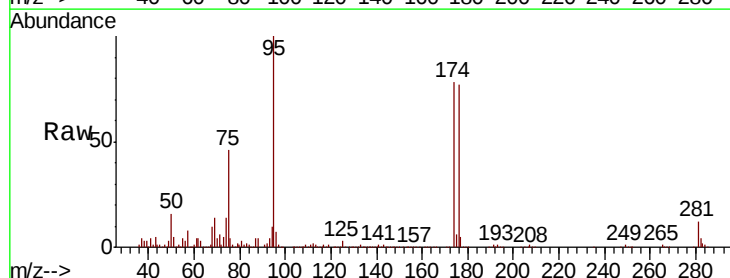
Tgt Ion: 95 Resp: 298956

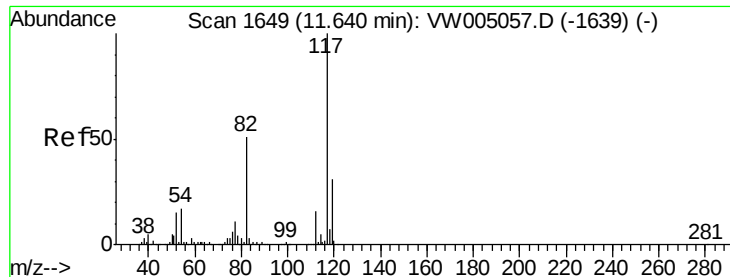
Ion Ratio Lower Upper

95 100

174 83.0 0.0 173.4

176 80.7 0.0 167.4

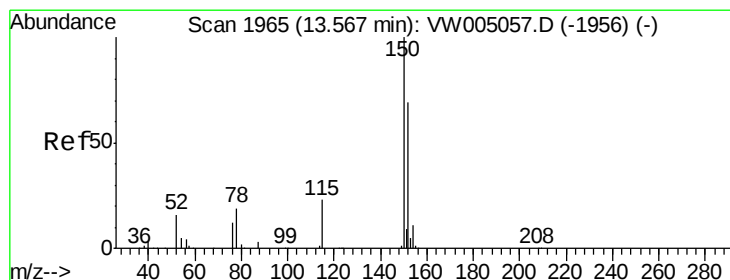
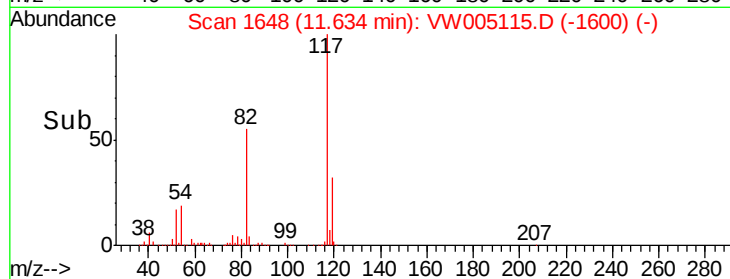
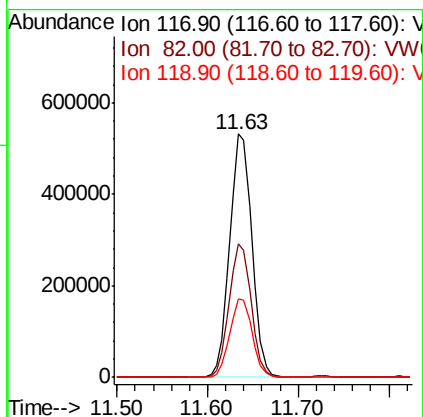
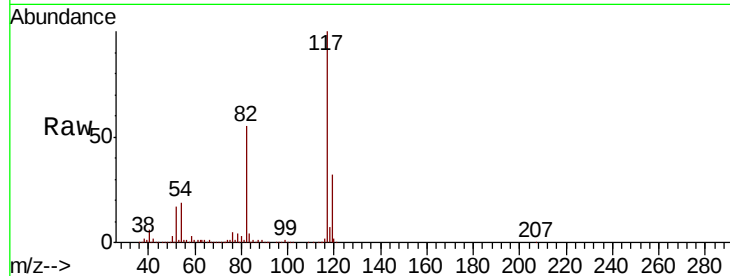




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW005115.D
Acq: 05 Sep 2018 08:06

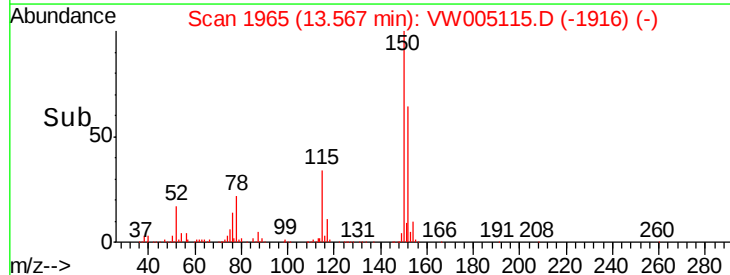
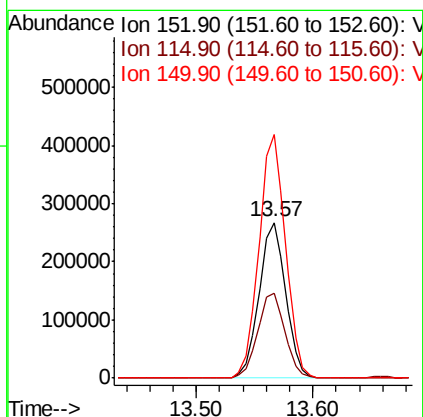
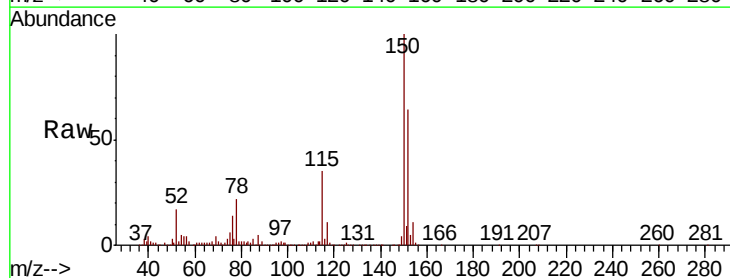
Instrument :
MSVOA_W
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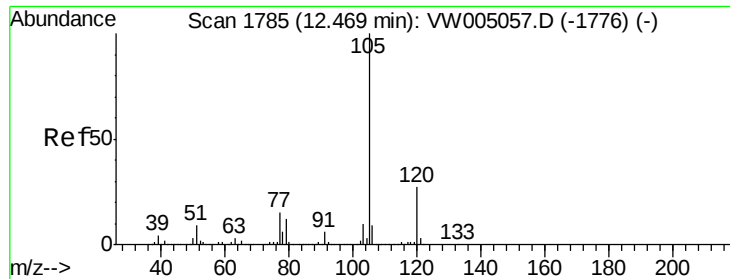
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.9	40.9	61.3
119	32.2	24.9	37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW005115.D
Acq: 05 Sep 2018 08:06

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.7	27.8	83.4
150	155.5	0.0	351.4





#73

Isopropylbenzene

Concen: 5.31 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VW005115.D

Acq: 05 Sep 2018 08:06

Instrument :

MSVOA_W

ClientSampleId :

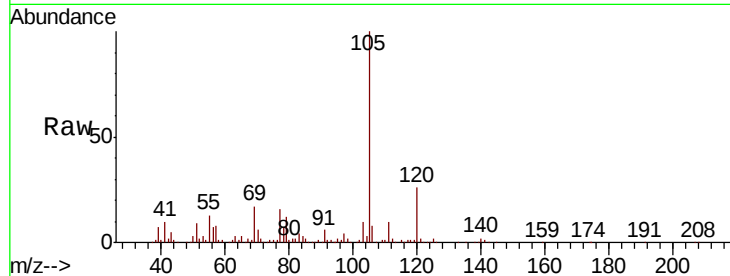
EP1-MW-FD01

Tot Ion:105 Resp: 158716

Ion Ratio Lower Upper

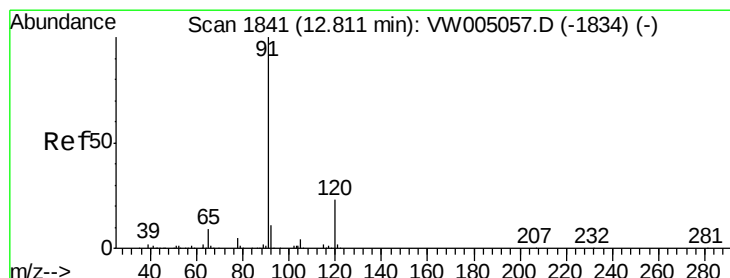
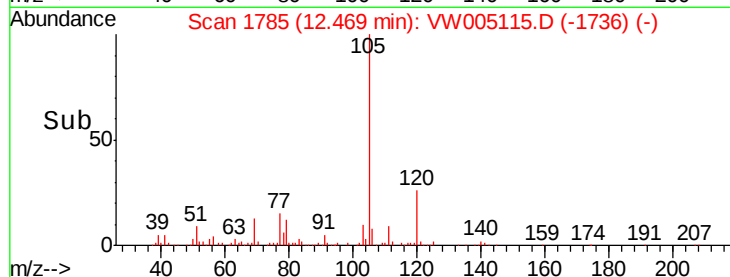
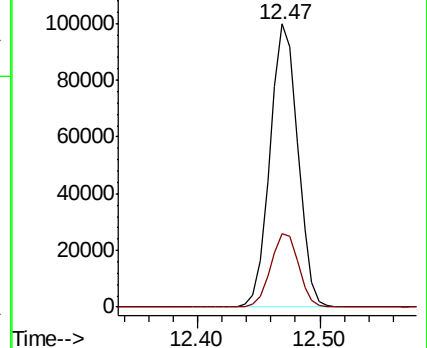
105 100

120 26.1 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#78

n-propylbenzene

Concen: 4.40 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VW005115.D

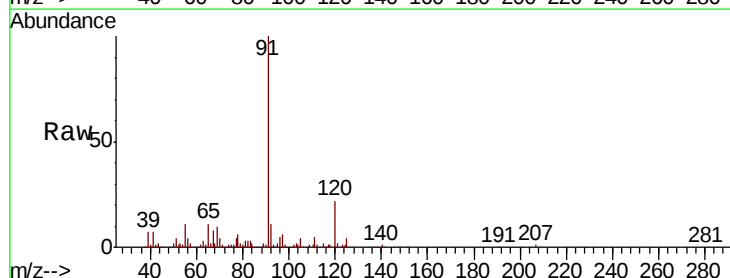
Acq: 05 Sep 2018 08:06

Tgt Ion: 91 Resp: 158618

Ion Ratio Lower Upper

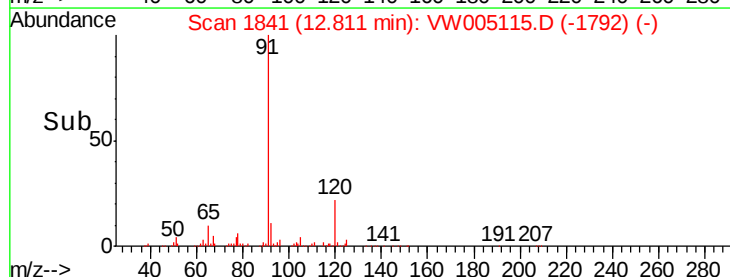
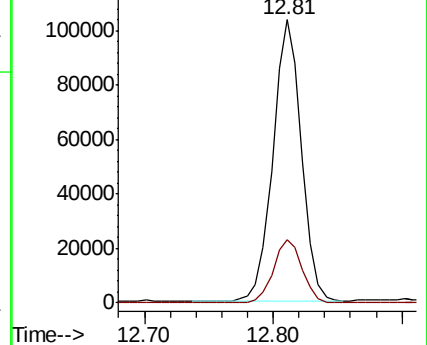
91 100

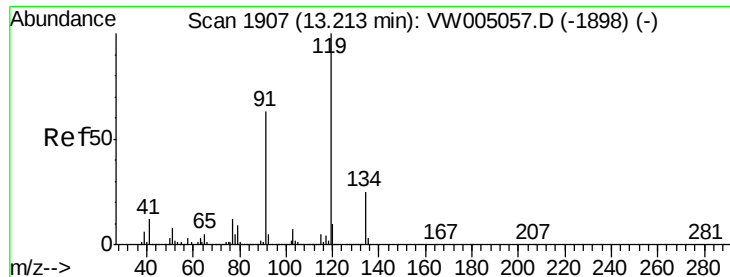
120 22.9 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#83

tert-Butylbenzene

Concen: 1.02 ug/l

RT: 13.21 min Scan# 1907

Delta R.T. -0.00 min

Lab File: VW005115.D

Acq: 05 Sep 2018 08:06

Instrument :

MSVOA_W

ClientSampleId :

EP1-MW-FD01

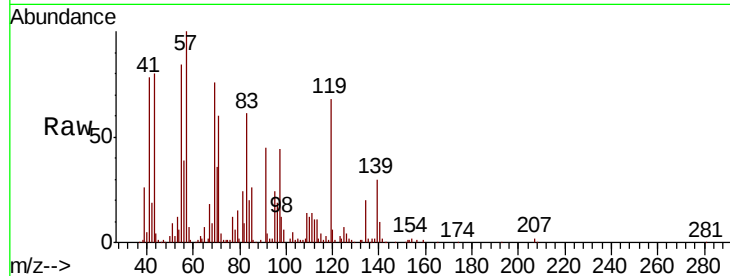
Tot Ion:119 Resp: 21980

Ion Ratio Lower Upper

119 100

91 71.8 31.8 95.4

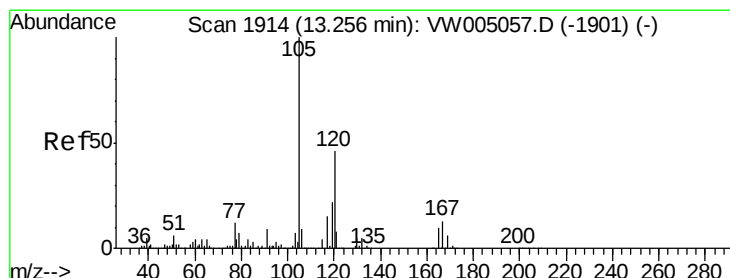
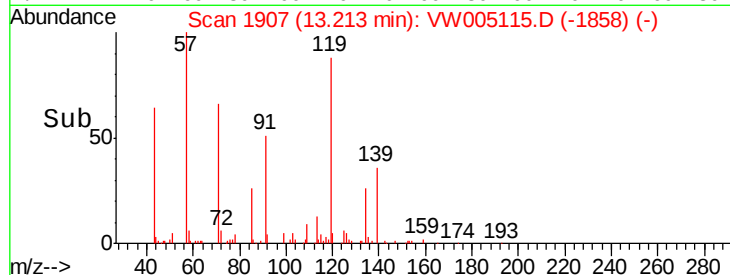
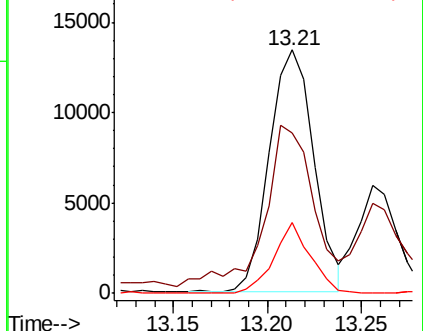
134 24.1 13.0 39.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 2.54 ug/l

RT: 13.26 min Scan# 1914

Delta R.T. -0.00 min

Lab File: VW005115.D

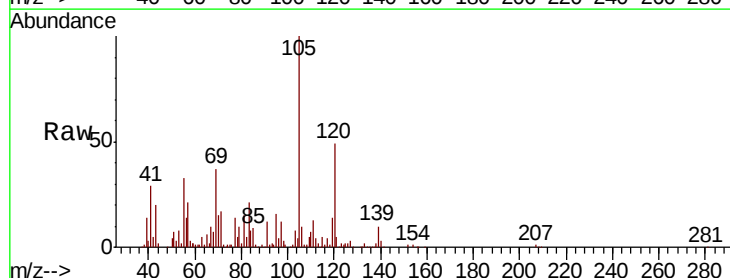
Acq: 05 Sep 2018 08:06

Tgt Ion:105 Resp: 66794

Ion Ratio Lower Upper

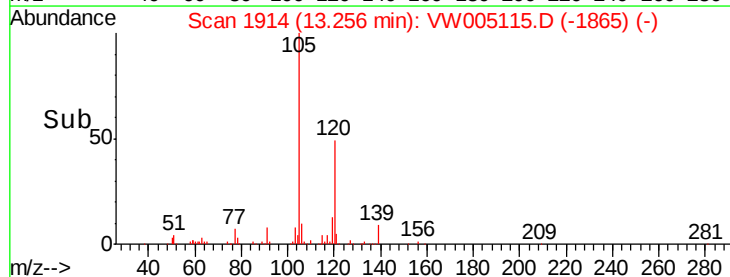
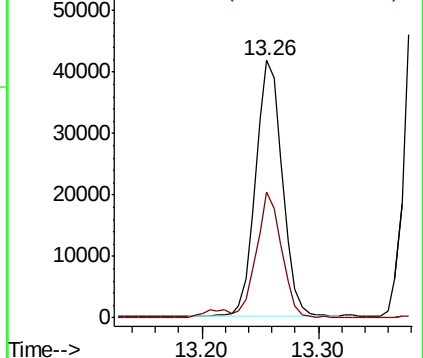
105 100

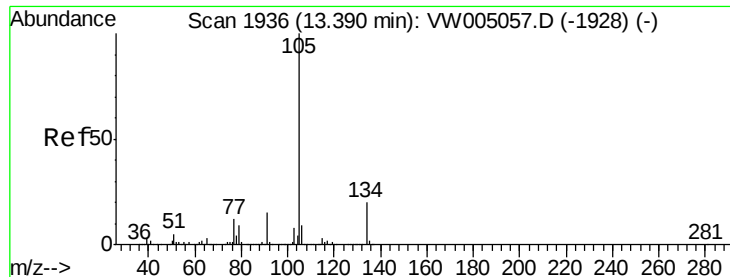
120 46.6 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 4.94 ug/l

RT: 13.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VW005115.D

Acq: 05 Sep 2018 08:06

Instrument :

MSVOA_W

ClientSampleId :

EP1-MW-FD01

Tot Ion:105 Resp: 156757

Ion Ratio Lower Upper

105 100

134 33.1 10.1 30.3#

