

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090618\
 Data File : VW005194.D
 Acq On : 07 Sep 2018 06:21
 Operator : SY/AP
 Sample : J4693-17
 Misc : 6.39G/5ML/MSVOA W/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-MW-G(7-10)

Quant Time: Sep 07 08:47:25 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	451816	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	724203	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	781808	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	427539	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	254342	67.91	ug/l	0.00
Spiked Amount			Recovery	=	135.82%	
35) Dibromofluoromethane	7.89	113	222280	53.11	ug/l	0.00
Spiked Amount			Recovery	=	106.22%	
50) Toluene-d8	10.33	98	1047276	54.31	ug/l	0.00
Spiked Amount			Recovery	=	108.62%	
62) 4-Bromofluorobenzene	12.62	95	521707	76.72	ug/l	0.00
Spiked Amount			Recovery	=	153.44%	

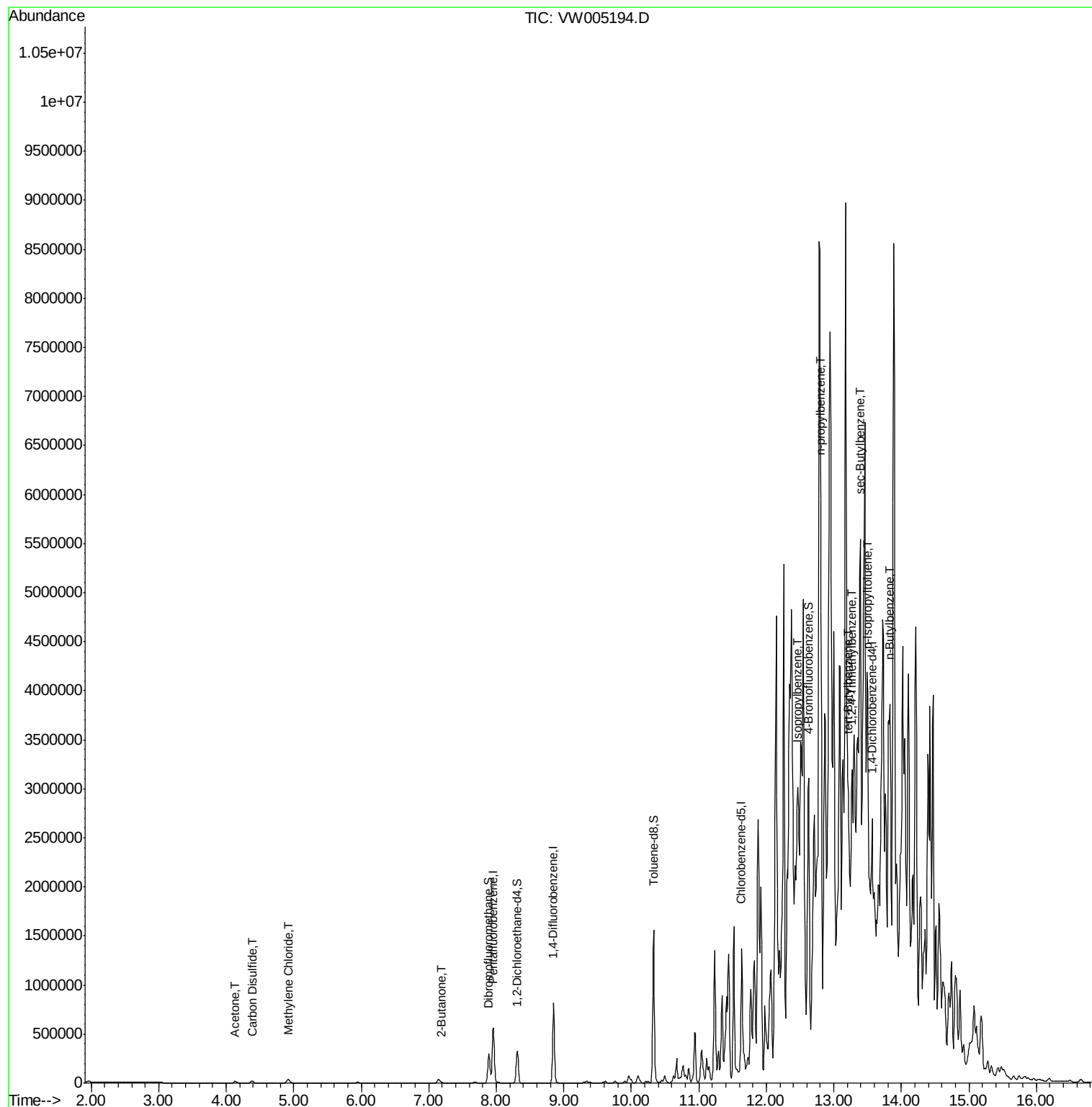
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.13	43	31617	42.09	ug/l	98
17) Carbon Disulfide	4.39	76	44642	3.51	ug/l	97
20) Methylene Chloride	4.92	84	30984	2.40	ug/l	97
25) 2-Butanone	7.19	43	10225	7.85	ug/l	93
73) Isopropylbenzene	12.47	105	821113	27.24	ug/l	99
78) n-propylbenzene	12.81	91	2298801	63.17	ug/l	99
83) tert-Butylbenzene	13.21	119	280007	12.86	ug/l	92
84) 1,2,4-Trimethylbenzene	13.26	105	418472	15.76	ug/l	100
85) sec-Butylbenzene	13.39	105	1858388	58.08	ug/l #	76
86) p-Isopropyltoluene	13.51	119	441473	15.59	ug/l	98
89) n-Butylbenzene	13.83	91	1439822	54.86	ug/l #	78

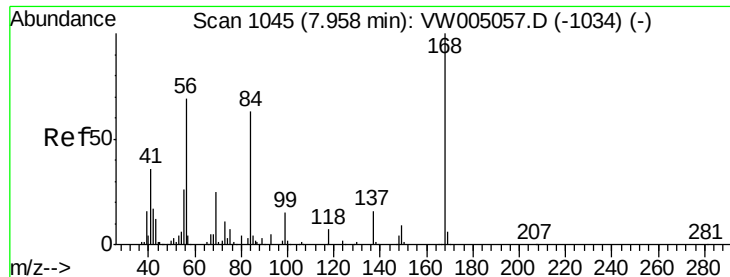
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 993

Delta R.T. -0.00 min

Lab File: VW005194.D

Acq: 07 Sep 2018 06:21

Instrument :

MSVOA_W

ClientSampleId :

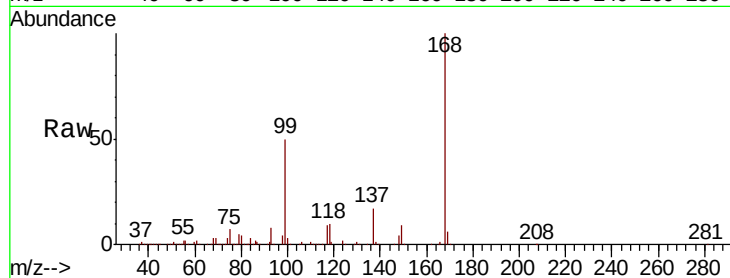
EP1-MW-G(7-10)

Tot Ion:168 Resp: 451816

Ion Ratio Lower Upper

168 100

99 50.1 39.4 59.0



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.96

200000

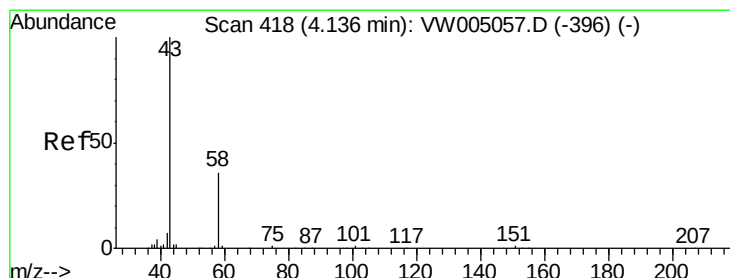
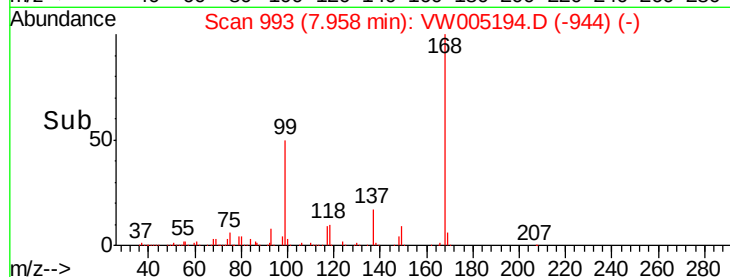
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 42.09 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW005194.D

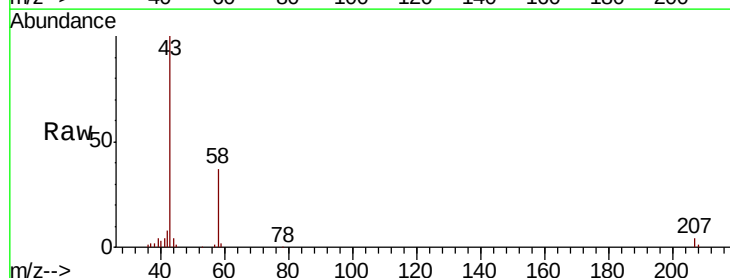
Acq: 07 Sep 2018 06:21

Tgt Ion: 43 Resp: 31617

Ion Ratio Lower Upper

43 100

58 37.3 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

12000

10000

8000

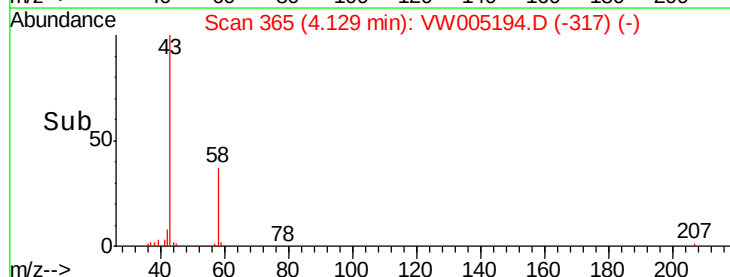
6000

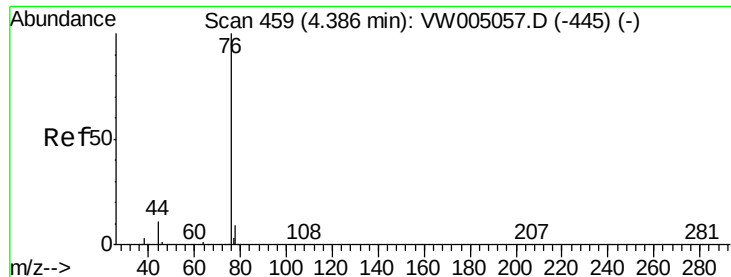
4000

2000

0

Time--> 4.00 4.10 4.20 4.30





#17

Carbon Disulfide

Concen: 3.51 ug/l

RT: 4.39 min Scan# 407

Delta R.T. -0.00 min

Lab File: VW005194.D

Acq: 07 Sep 2018 06:21

Instrument :

MSVOA_W

ClientSampled :

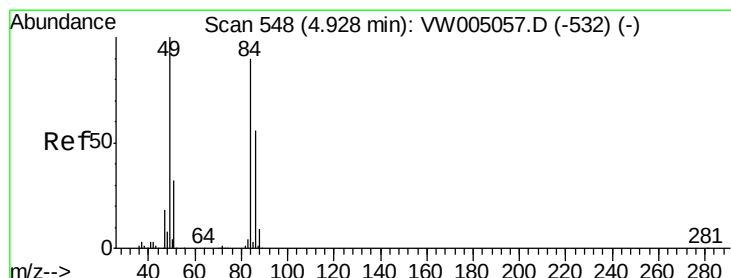
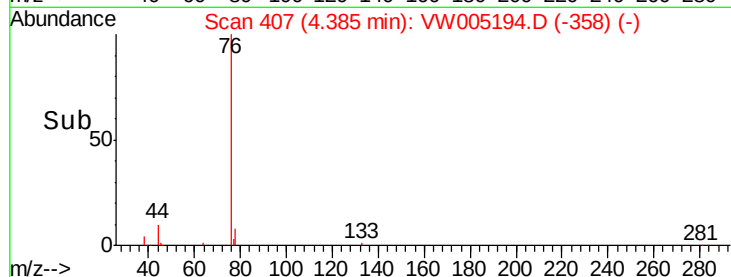
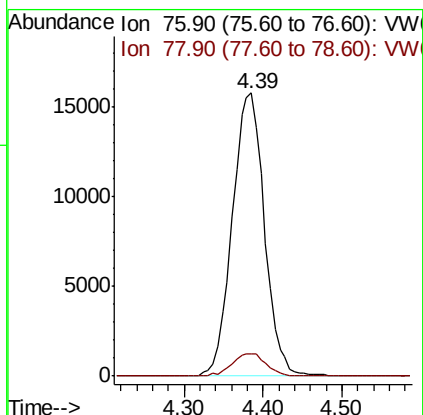
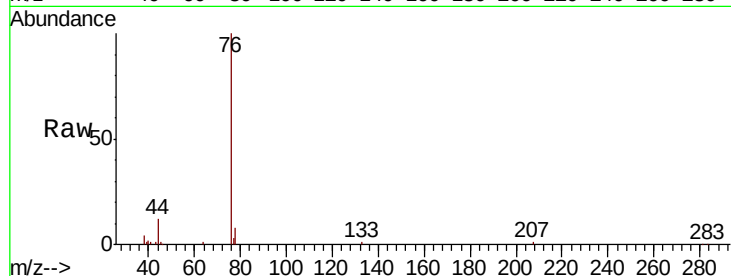
EP1-MW-G(7-10)

Tot Ion: 76 Resp: 44642

Ion Ratio Lower Upper

76 100

78 7.9 7.3 10.9



#20

Methylene Chloride

Concen: 2.40 ug/l

RT: 4.92 min Scan# 495

Delta R.T. -0.01 min

Lab File: VW005194.D

Acq: 07 Sep 2018 06:21

Tgt Ion: 84 Resp: 30984

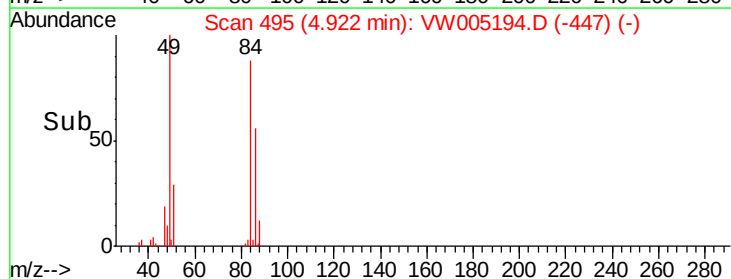
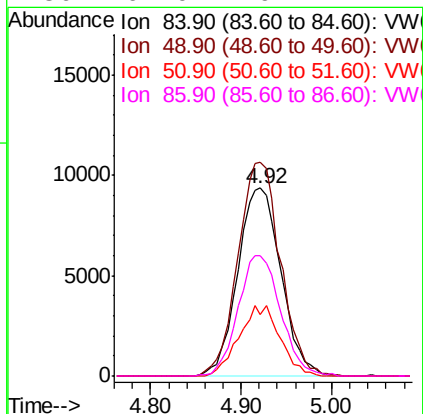
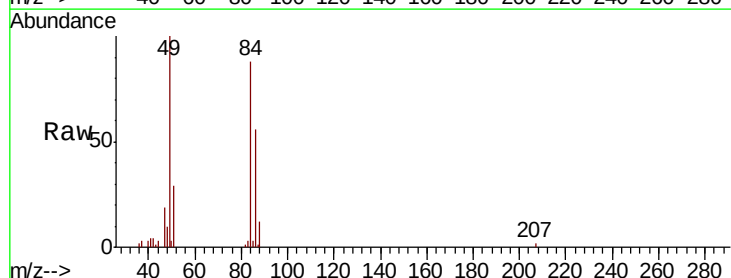
Ion Ratio Lower Upper

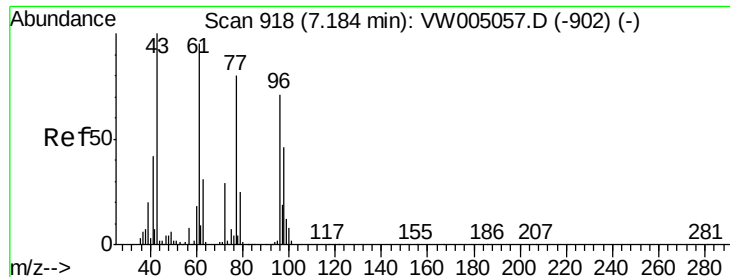
84 100

49 113.9 88.7 133.1

51 32.9 28.6 42.8

86 64.0 49.4 74.2





#25

2-Butanone

Concen: 7.85 ug/l

RT: 7.19 min Scan# 867

Delta R.T. 0.01 min

Lab File: VW005194.D

Acq: 07 Sep 2018 06:21

Instrument :

MSVOA_W

ClientSampleId :

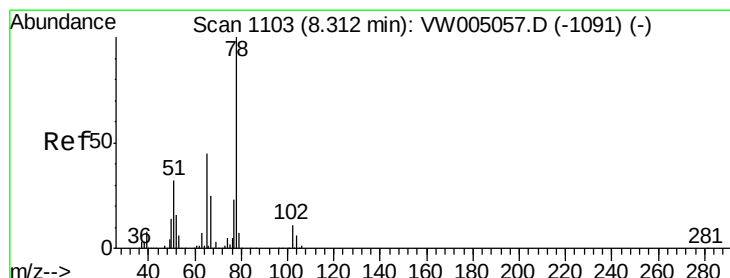
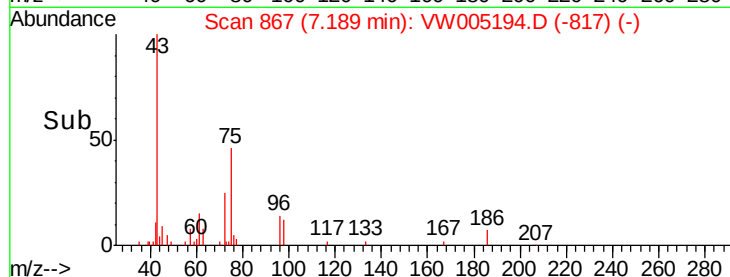
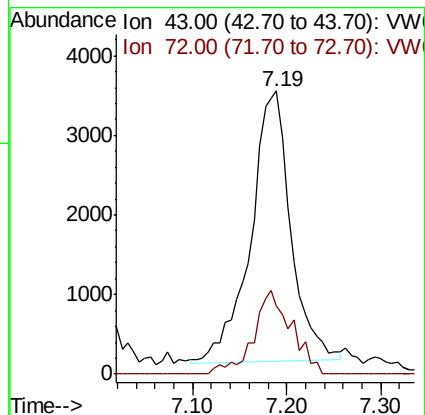
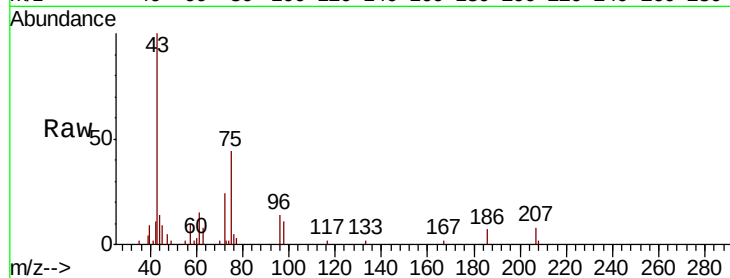
EP1-MW-G(7-10)

Tot Ion: 43 Resp: 10225

Ion Ratio Lower Upper

43 100

72 25.2 23.1 34.7



#33

1,2-Dichloroethane-d4

Concen: 67.91 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW005194.D

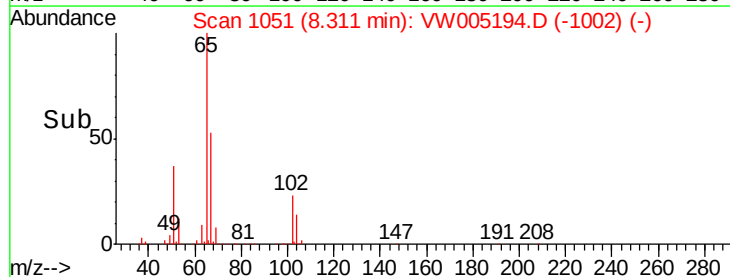
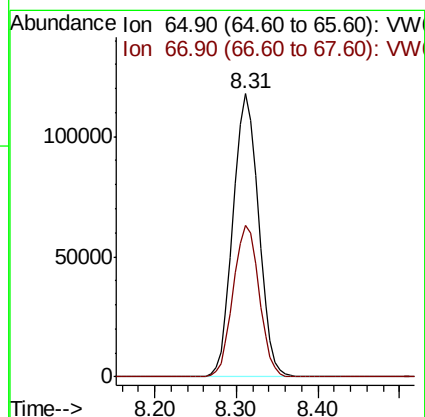
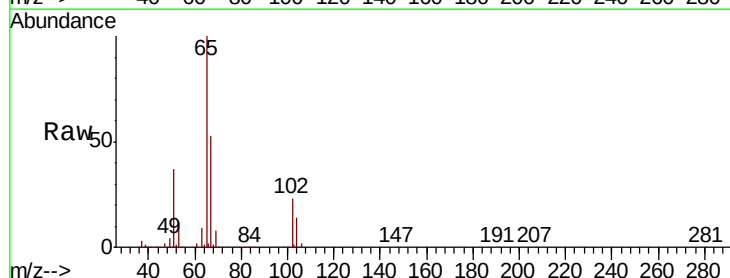
Acq: 07 Sep 2018 06:21

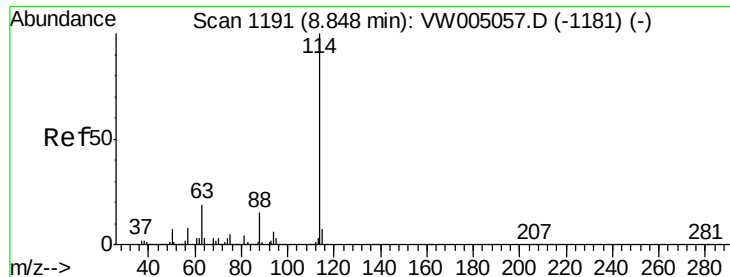
Tgt Ion: 65 Resp: 254342

Ion Ratio Lower Upper

65 100

67 54.6 0.0 109.4

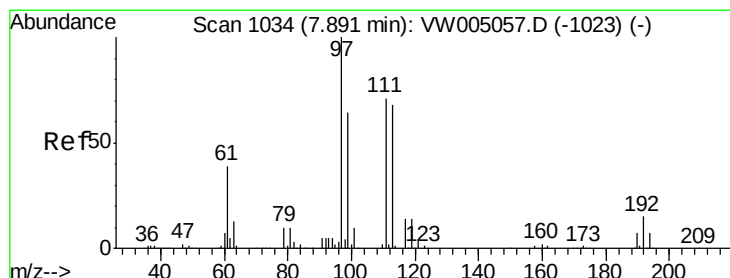
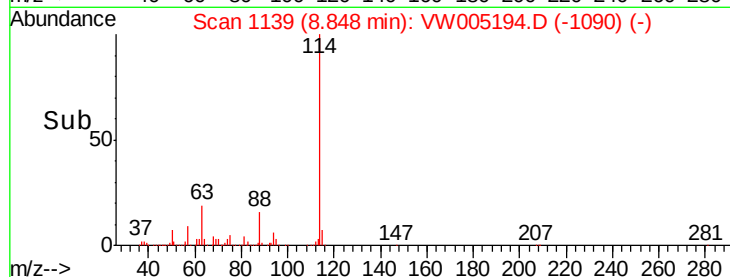
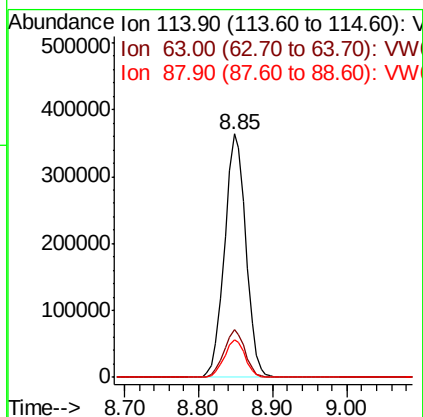
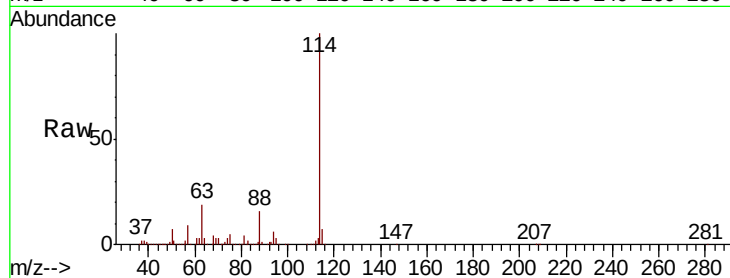




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005194.D
 Acq: 07 Sep 2018 06:21

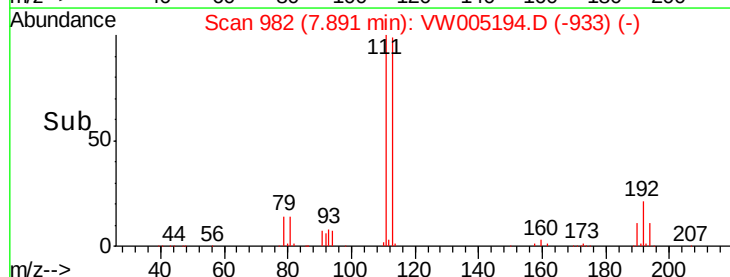
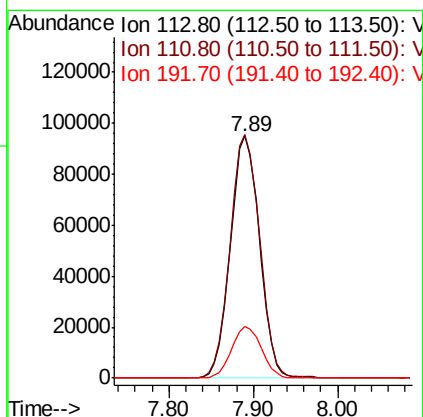
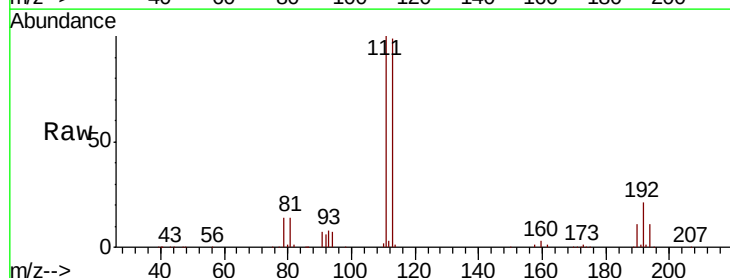
Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-MW-G(7-10)

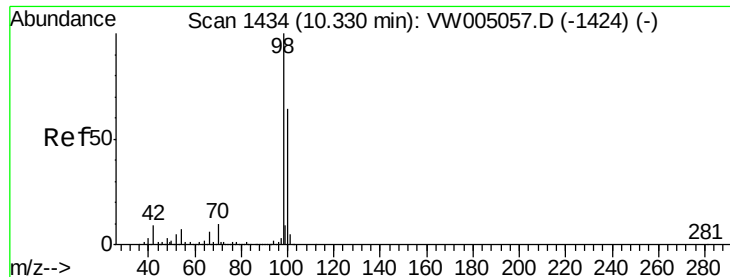
Tot Ion:114 Resp: 724203
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 38.0
 88 15.5 0.0 30.2



#35
 Dibromofluoromethane
 Concen: 53.11 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW005194.D
 Acq: 07 Sep 2018 06:21

Tgt Ion:113 Resp: 222280
 Ion Ratio Lower Upper
 113 100
 111 102.1 82.2 123.2
 192 21.7 18.1 27.1

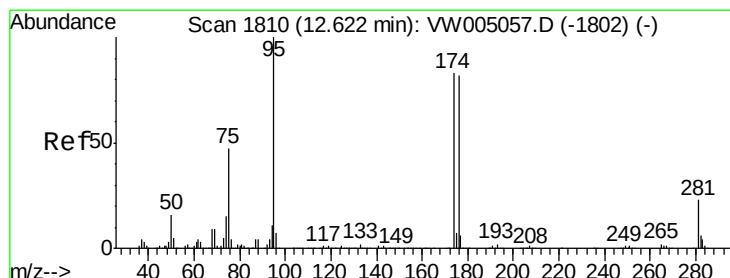
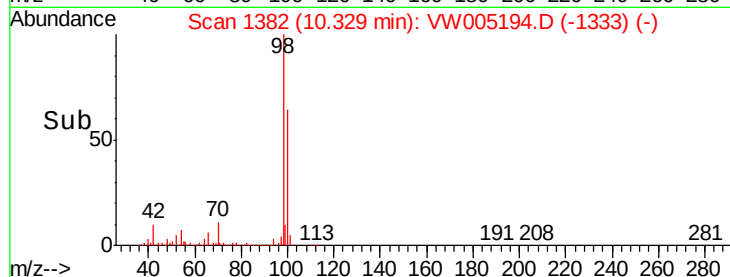
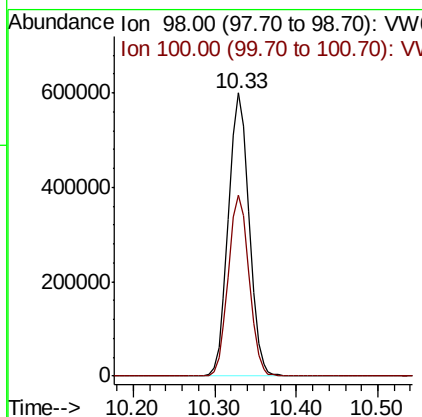
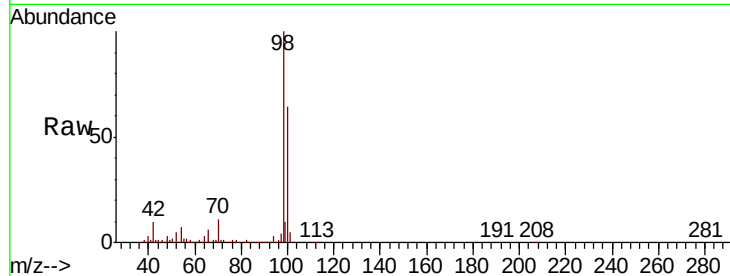




#50
Toluene-d8
Concen: 54.31 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005194.D
Acq: 07 Sep 2018 06:21

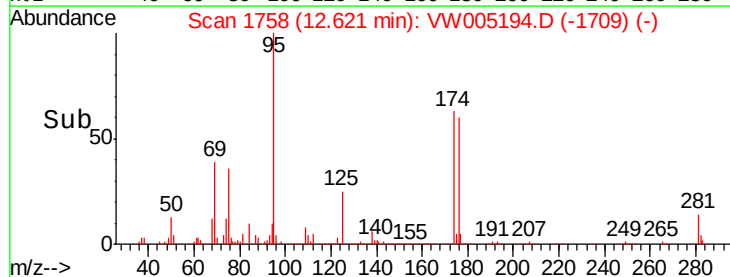
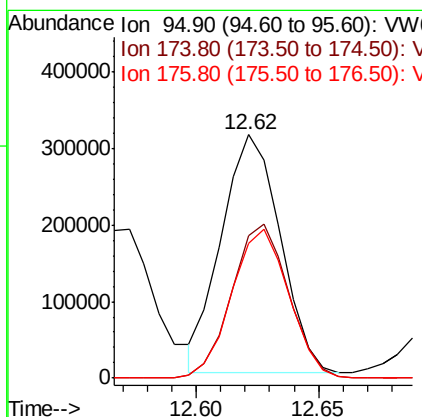
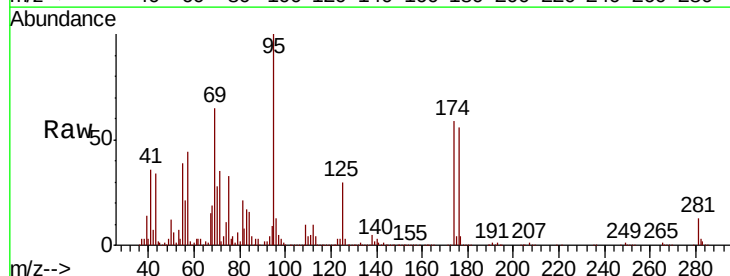
Instrument :
MSVOA_W
ClientSampleId :
EP1-MW-G(7-10)

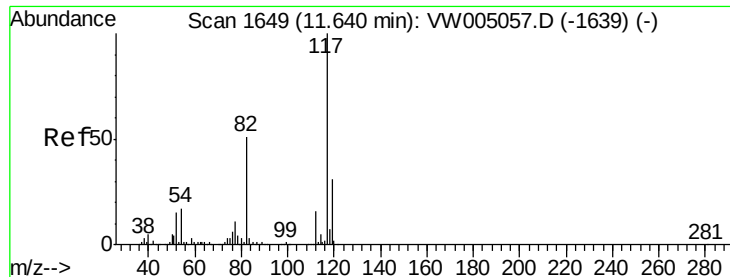
Tot Ion: 98 Resp: 1047276
Ion Ratio Lower Upper
98 100
100 64.0 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 76.72 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW005194.D
Acq: 07 Sep 2018 06:21

Tgt Ion: 95 Resp: 521707
Ion Ratio Lower Upper
95 100
174 62.5 0.0 173.4
176 60.6 0.0 167.4

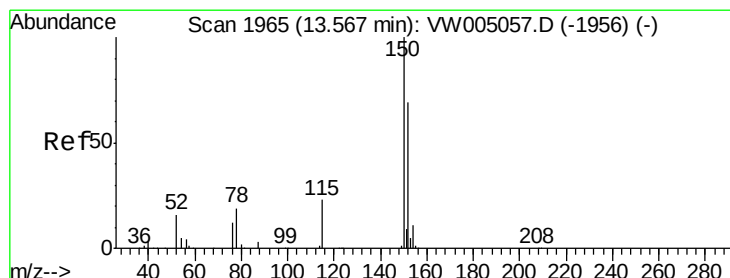
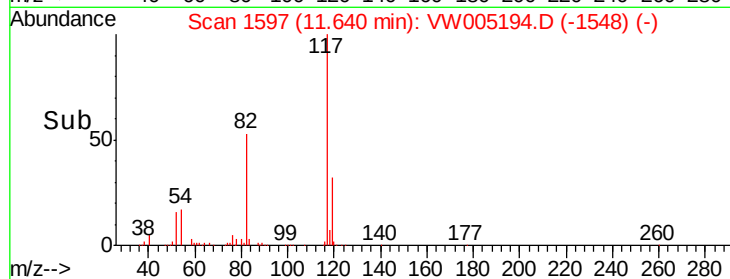
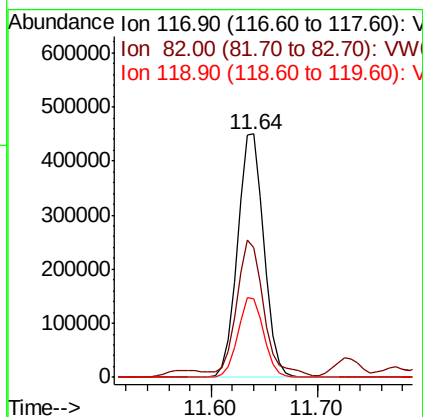
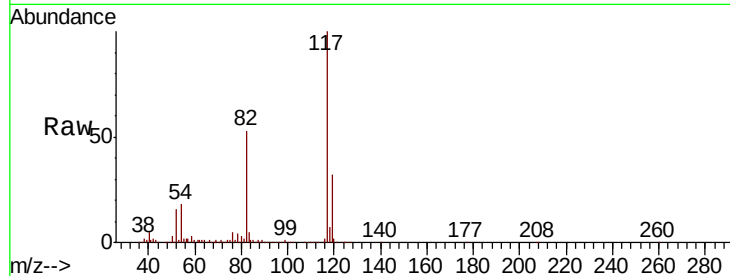




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VW005194.D
Acq: 07 Sep 2018 06:21

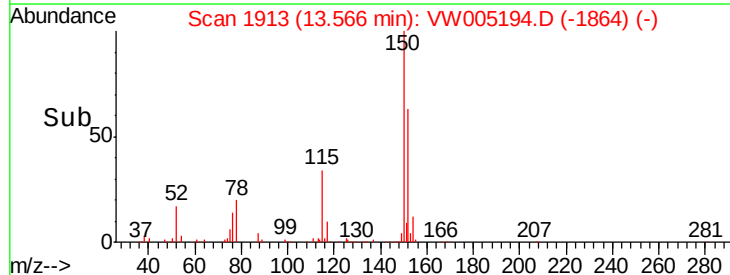
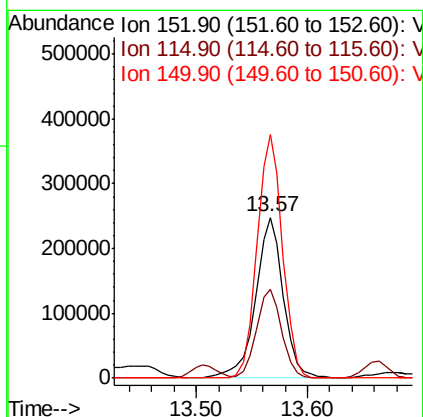
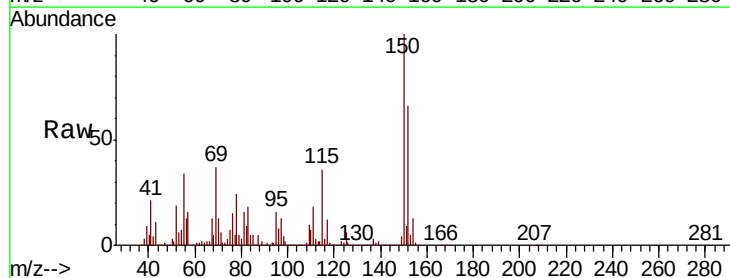
Instrument :
MSVOA_W
ClientSampleId :
EP1-MW-G(7-10)

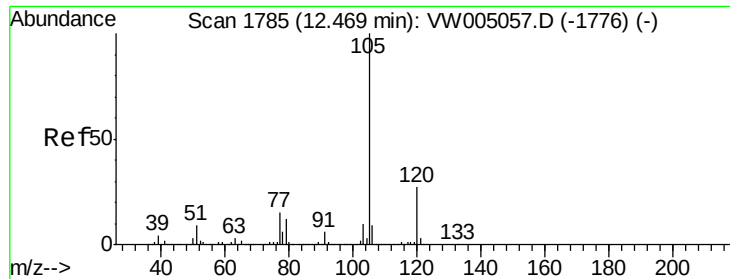
Tot Ion	Ratio	Lower	Upper
117	100		
82	50.6	40.9	61.3
119	32.2	24.9	37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005194.D
Acq: 07 Sep 2018 06:21

Tgt Ion	Ratio	Lower	Upper
152	100		
115	50.2	27.8	83.4
150	138.8	0.0	351.4





#73

Isopropylbenzene

Concen: 27.24 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW005194.D

Acq: 07 Sep 2018 06:21

Instrument :

MSVOA_W

ClientSampleId :

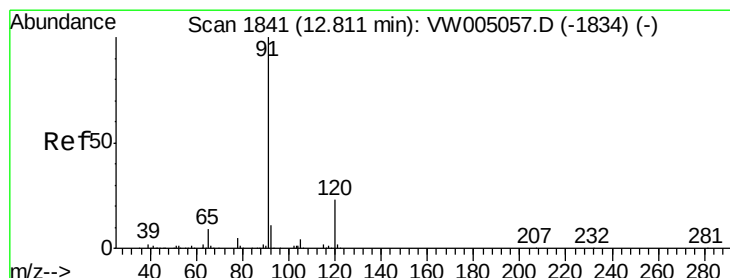
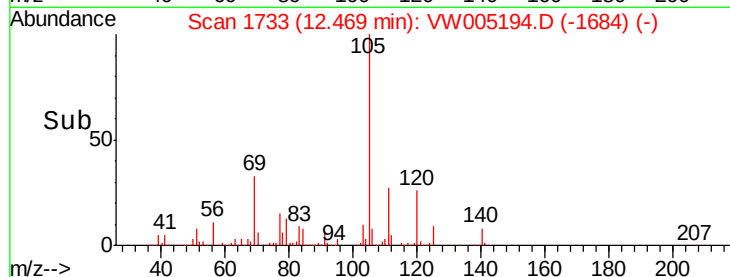
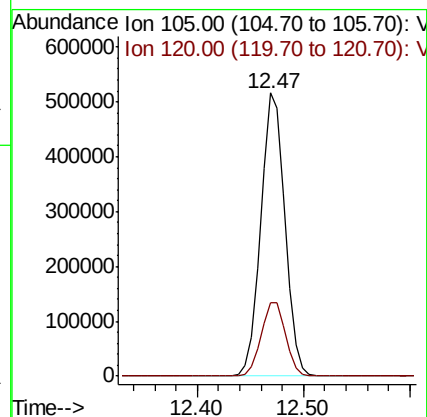
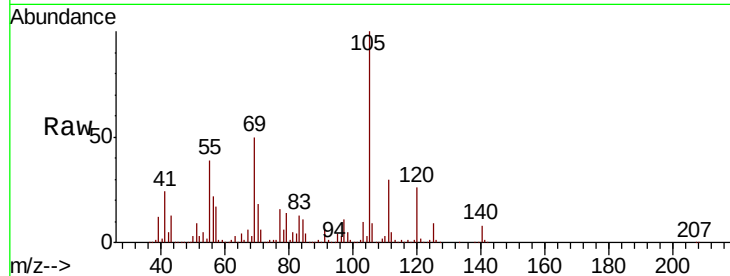
EP1-MW-G(7-10)

Tot Ion:105 Resp: 821113

Ion Ratio Lower Upper

105 100

120 26.4 13.4 40.1



#78

n-propylbenzene

Concen: 63.17 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW005194.D

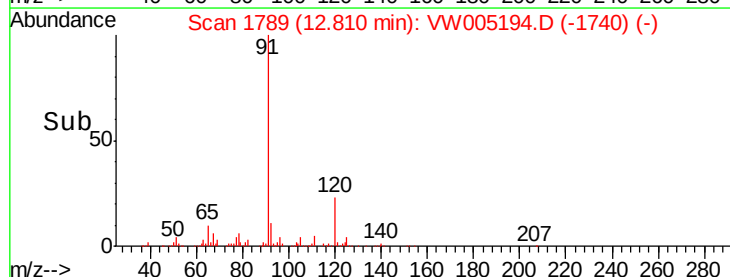
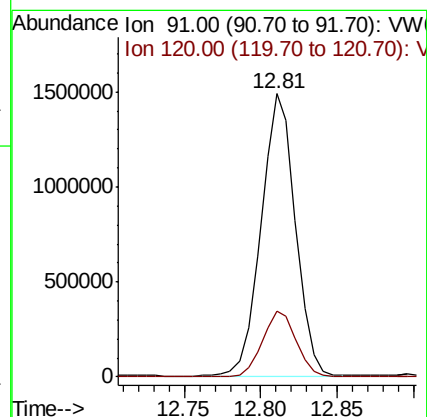
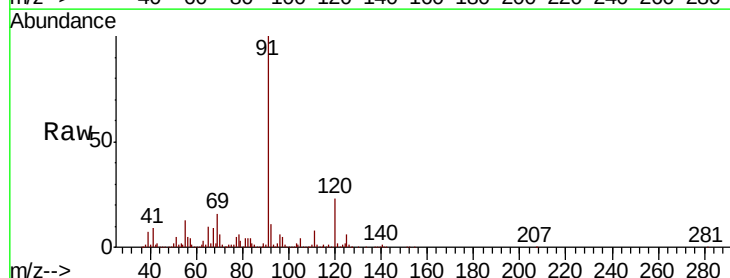
Acq: 07 Sep 2018 06:21

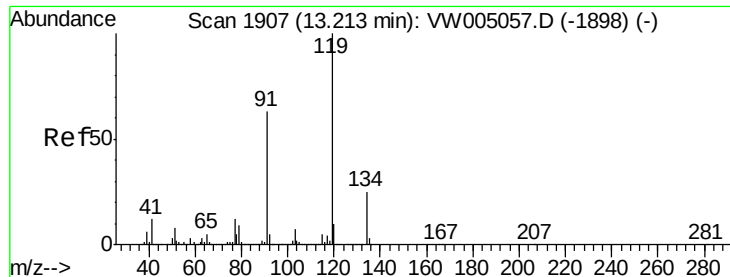
Tgt Ion: 91 Resp: 2298801

Ion Ratio Lower Upper

91 100

120 23.1 11.8 35.3

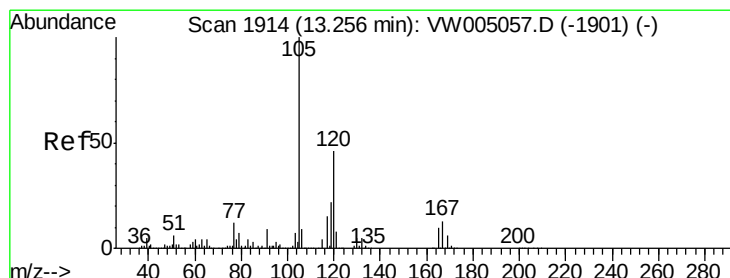
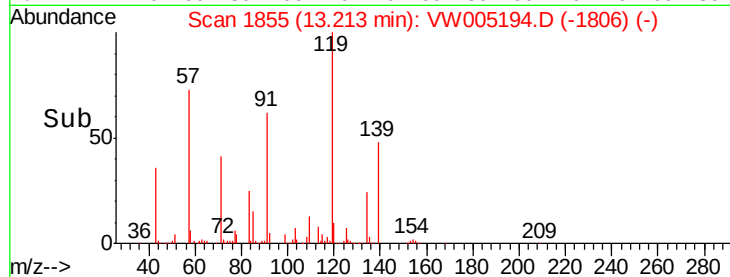
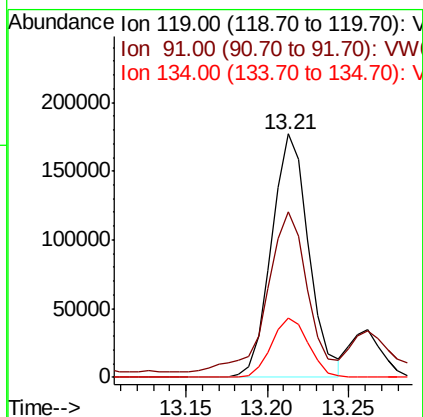
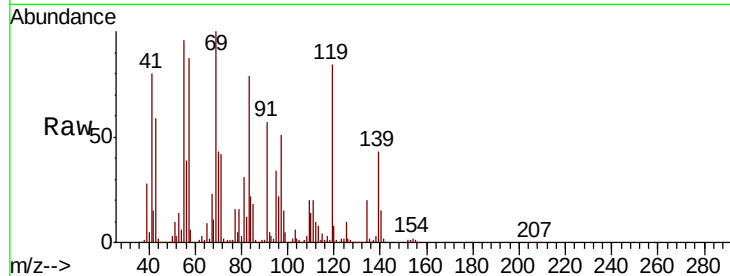




#83
 tert-Butylbenzene
 Concen: 12.86 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW005194.D
 Acq: 07 Sep 2018 06:21

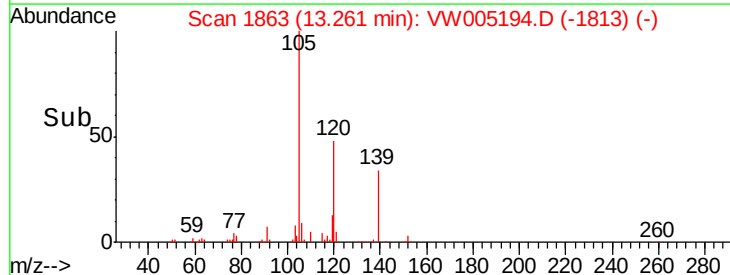
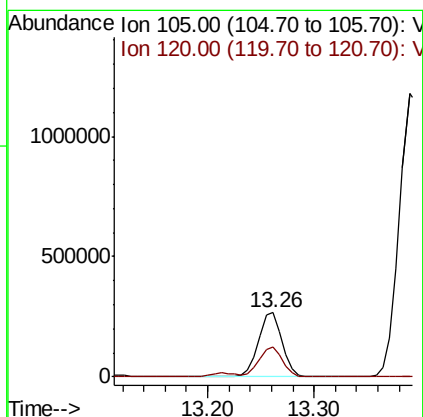
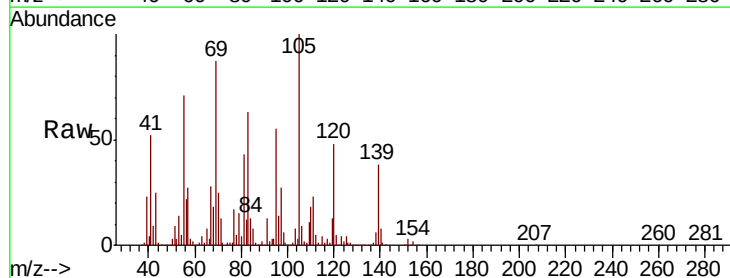
Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-MW-G(7-10)

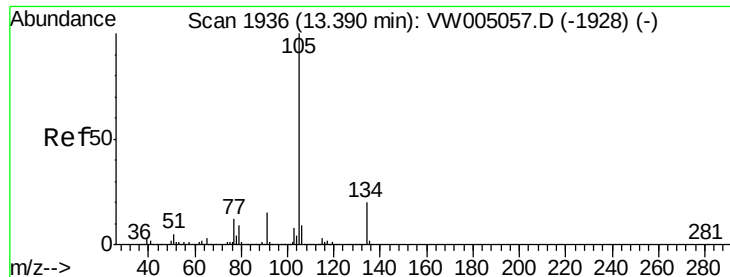
Tot Ion	Ratio	Lower	Upper
119	100		
91	70.7	31.8	95.4
134	24.2	13.0	39.0



#84
 1,2,4-Trimethylbenzene
 Concen: 15.76 ug/l
 RT: 13.26 min Scan# 1863
 Delta R.T. 0.01 min
 Lab File: VW005194.D
 Acq: 07 Sep 2018 06:21

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.2	23.1	69.3





#85

sec-Butylbenzene

Concen: 58.08 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW005194.D

Acq: 07 Sep 2018 06:21

Instrument :

MSVOA_W

ClientSampleId :

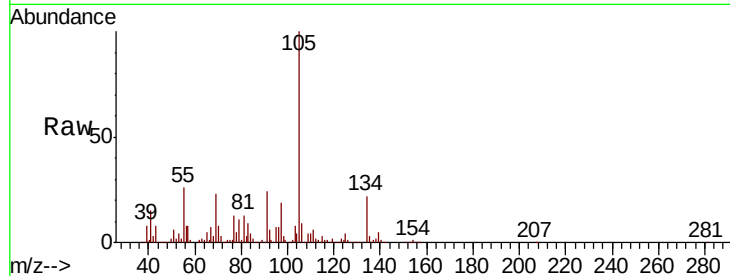
EP1-MW-G(7-10)

Tot Ion:105 Resp: 1858388

Ion Ratio Lower Upper

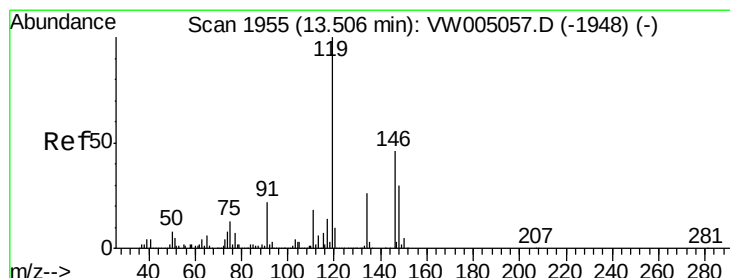
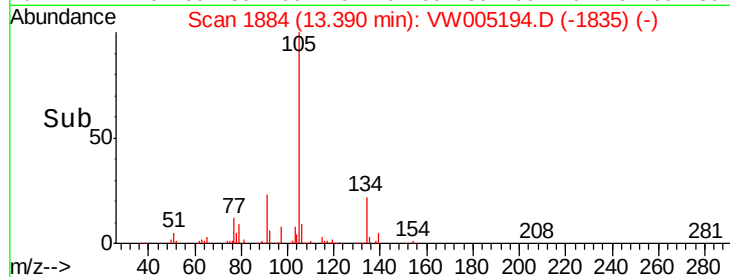
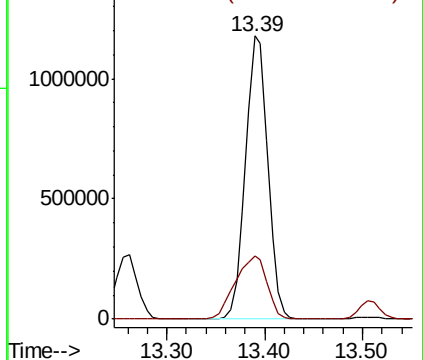
105 100

134 31.5 10.1 30.3#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 15.59 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW005194.D

Acq: 07 Sep 2018 06:21

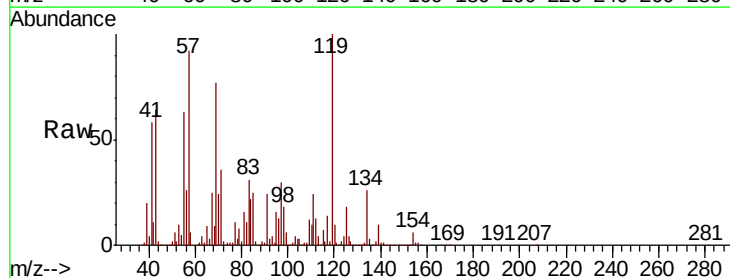
Tgt Ion:119 Resp: 441473

Ion Ratio Lower Upper

119 100

134 26.1 13.3 39.8

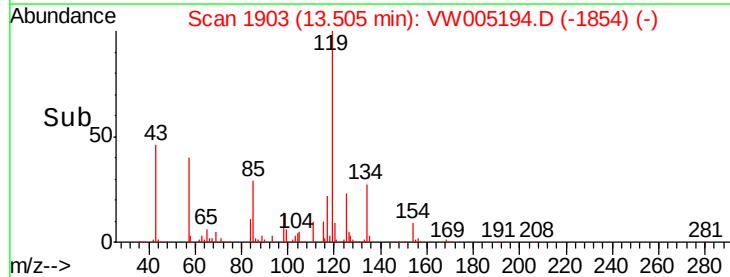
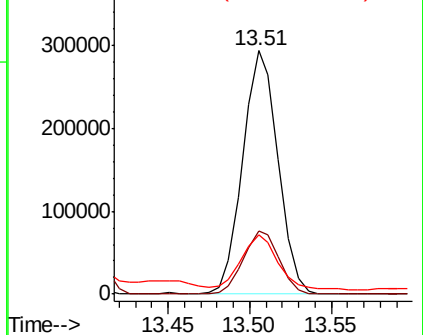
91 23.3 10.9 32.9

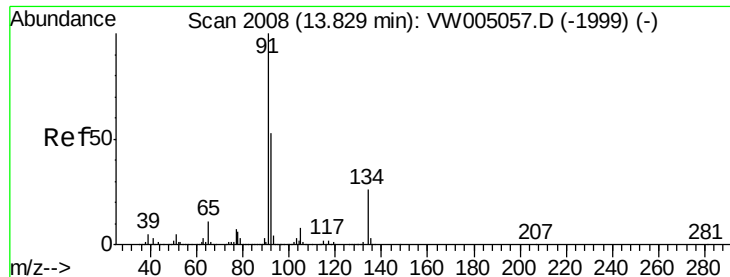


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#89

n-Butylbenzene

Concen: 54.86 ug/l

RT: 13.83 min Scan# 1957

Delta R.T. 0.01 min

Lab File: VW005194.D

Acq: 07 Sep 2018 06:21

Instrument :

MSVOA_W

ClientSampleId :

EP1-MW-G(7-10)

Tot Ion: 91 Resp: 1439822

Ion Ratio Lower Upper

91 100

92 48.2 26.5 79.5

134 0.0 13.5 40.4#

