

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091118\
 Data File : VW005290.D
 Acq On : 11 Sep 2018 21:25
 Operator : SY/AP
 Sample : J4769-05
 Misc : 6.00G/5ML/MSVOA W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 HR-05-090718-C

Quant Time: Sep 12 01:43:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 03:48:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	56362	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	86541	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	63765	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	18252	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.32	65	24913	59.26	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	118.52%	
35) Dibromofluoromethane	7.91	113	29	0.06	ug/l	0.02
Spiked Amount				50.000		
			Recovery	=	0.12%	
50) Toluene-d8	10.33	98	77537	33.85	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	67.70%	
62) 4-Bromofluorobenzene	12.63	95	17935	21.40	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	42.80%	

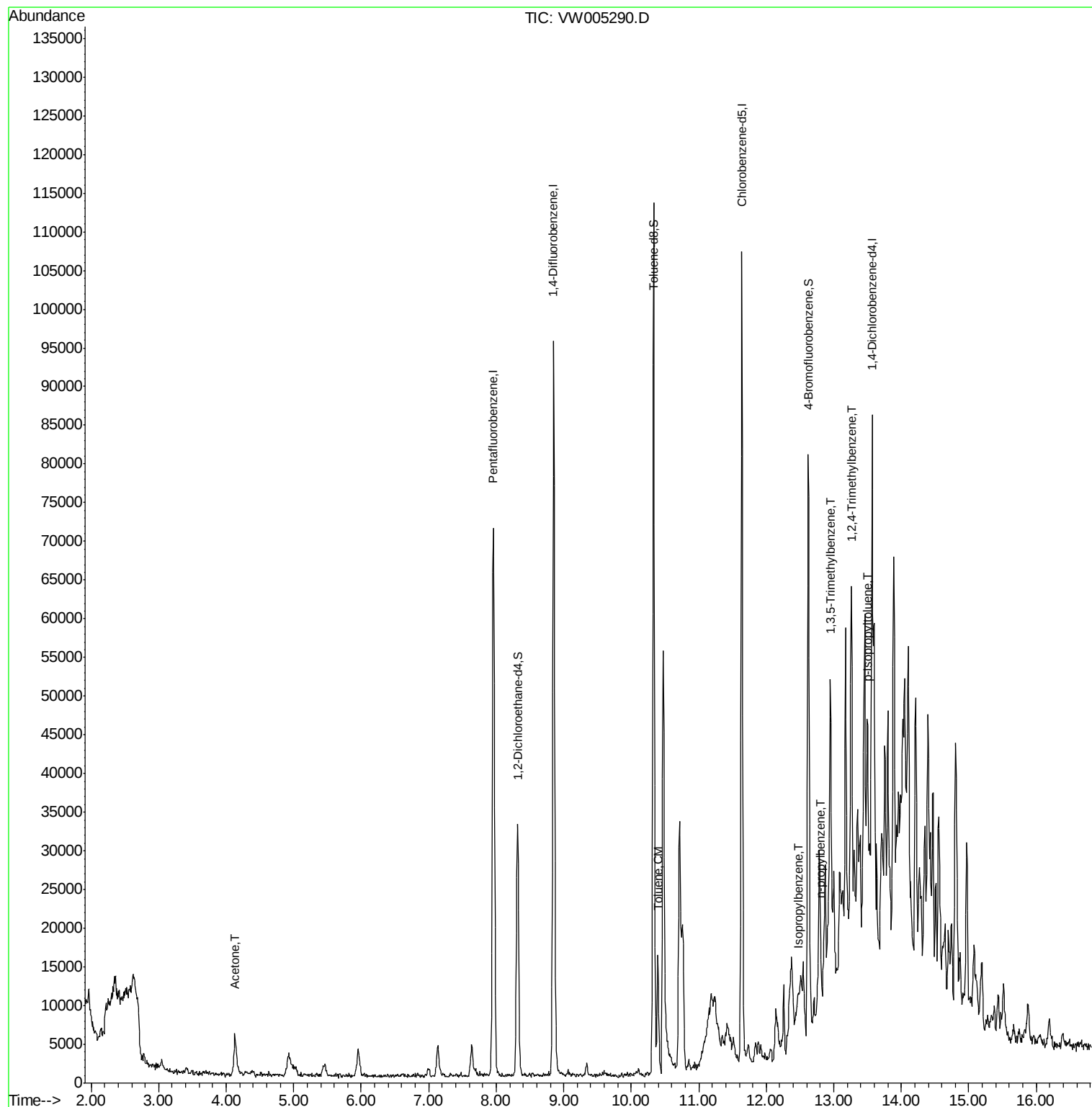
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.13	43	8508	109.04	ug/l	95
52) Toluene	10.40	92	6513	3.84	ug/l	97
73) Isopropylbenzene	12.47	105	1654	1.28	ug/l	80
78) n-propylbenzene	12.81	91	3396	2.19	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	9087	8.28	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	27302	24.74	ug/l	99
86) p-Isopropyltoluene	13.51	119	4157	3.40	ug/l	98

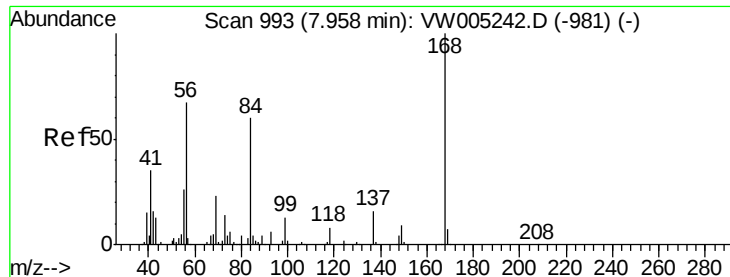
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091118\
Data File : VW005290.D
Acq On : 11 Sep 2018 21:25
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Sample : J4769-05
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ALS Vial : 27 Sample Multiplier: 1

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HR-05-090718-C

Quant Time: Sep 12 01:43:37 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 11 03:48:23 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: VW005290.D

Acq: 11 Sep 2018 21:25

Instrument :

MSVOA_W

ClientSampleId :

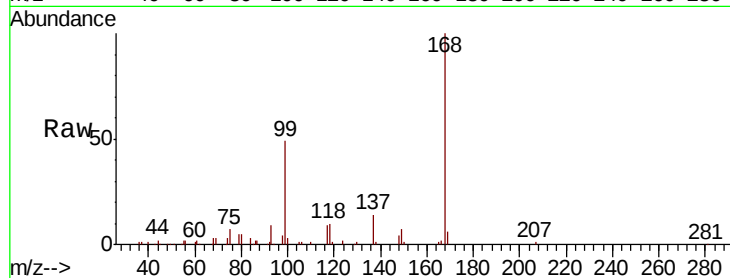
HR-05-090718-C

Tot Ion:168 Resp: 56362

Ion Ratio Lower Upper

168 100

99 48.7 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

25000

20000

15000

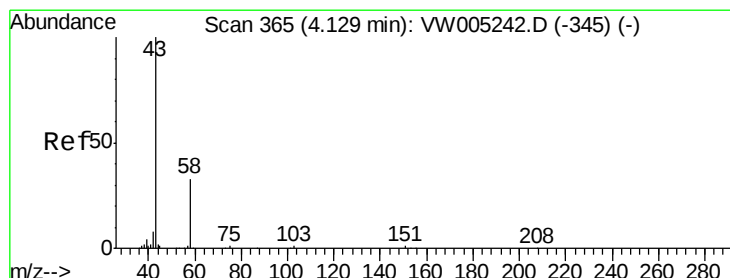
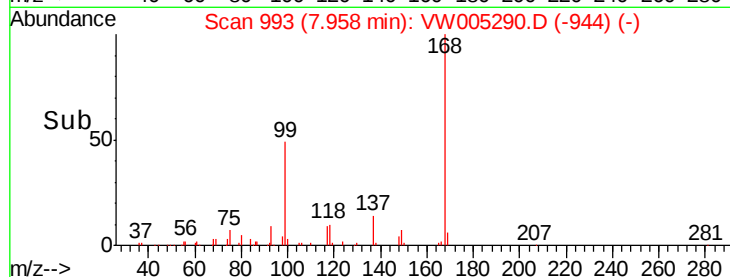
10000

5000

0

7.90 8.00 8.10

Time-->



#16

Acetone

Concen: 109.04 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.00 min

Lab File: VW005290.D

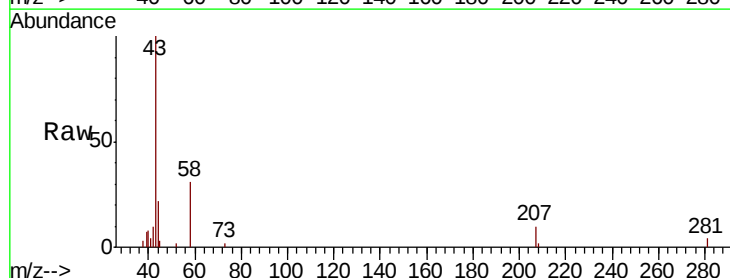
Acq: 11 Sep 2018 21:25

Tgt Ion: 43 Resp: 8508

Ion Ratio Lower Upper

43 100

58 30.8 26.7 40.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

3000

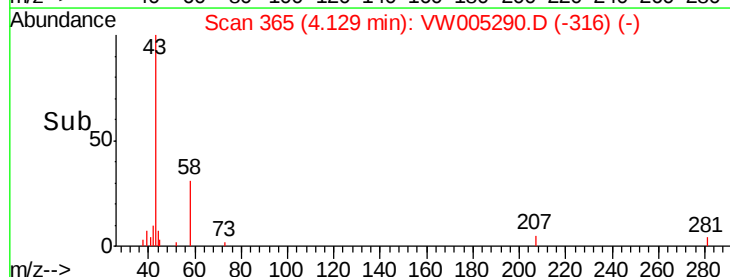
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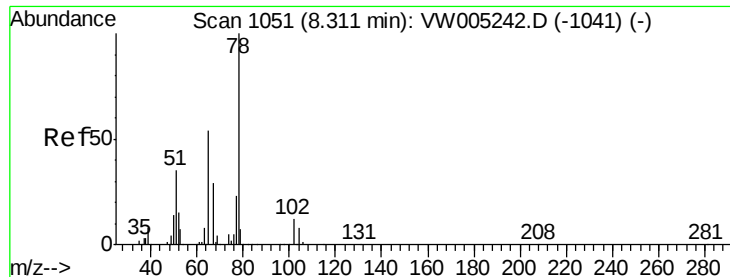
1000

0

4.05 4.10 4.15 4.20

Time-->





#33

1,2-Dichloroethane-d4

Concen: 59.26 ug/l

RT: 8.32 min Scan# 1052

Delta R.T. 0.01 min

Lab File: VW005290.D

Acq: 11 Sep 2018 21:25

Instrument :

MSVOA_W

ClientSampleId :

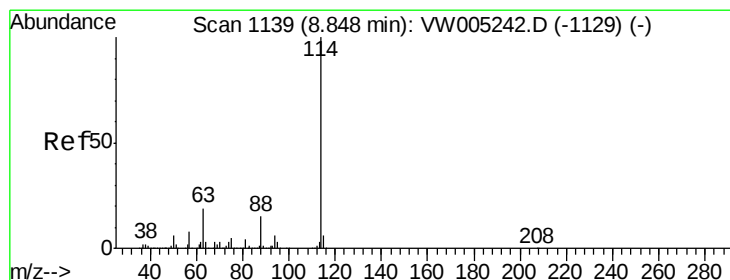
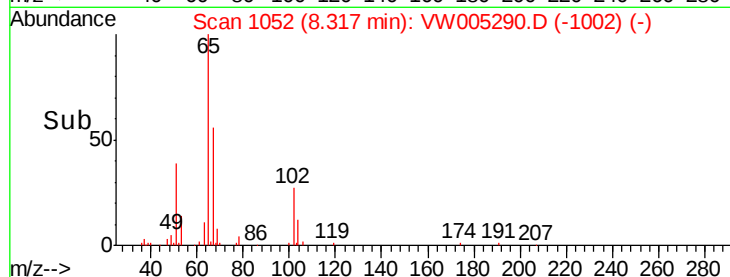
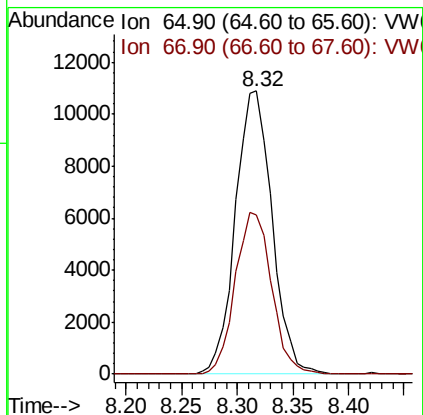
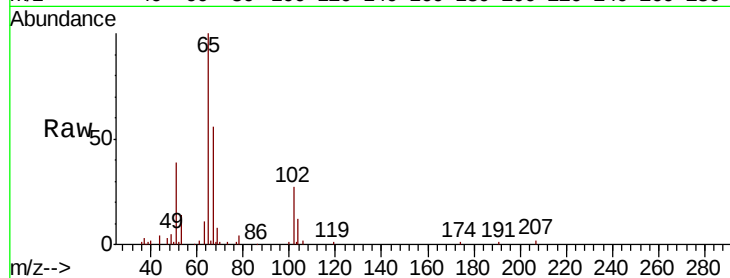
HR-05-090718-C

Tot Ion: 65 Resp: 24913

Ion Ratio Lower Upper

65 100

67 56.5 0.0 112.2



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1140

Delta R.T. 0.01 min

Lab File: VW005290.D

Acq: 11 Sep 2018 21:25

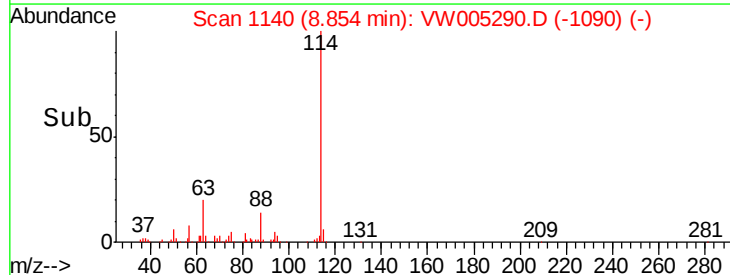
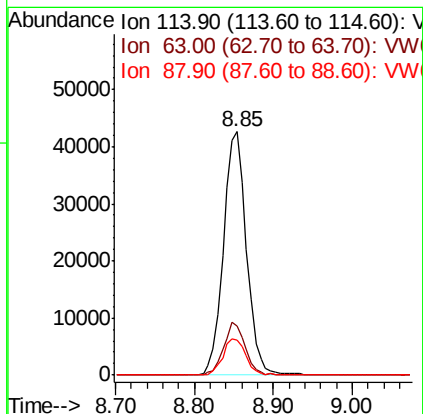
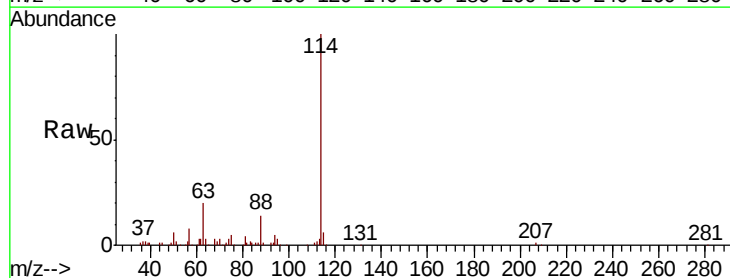
Tgt Ion: 114 Resp: 86541

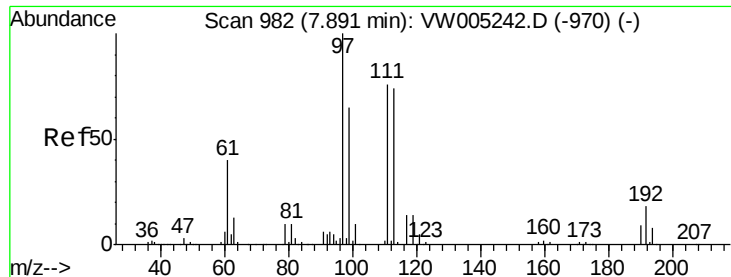
Ion Ratio Lower Upper

114 100

63 20.4 0.0 37.0

88 14.5 0.0 30.4

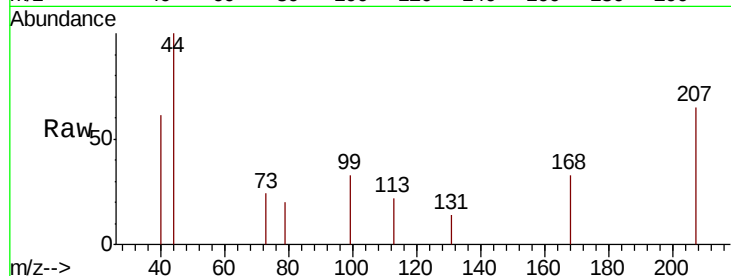




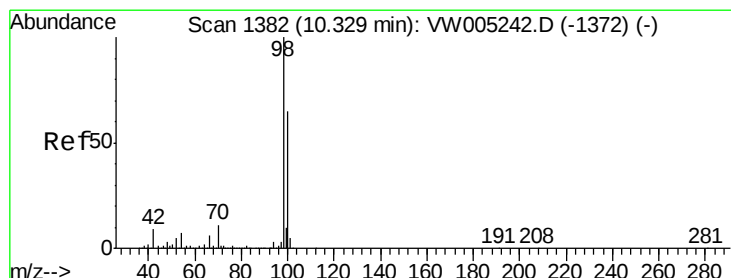
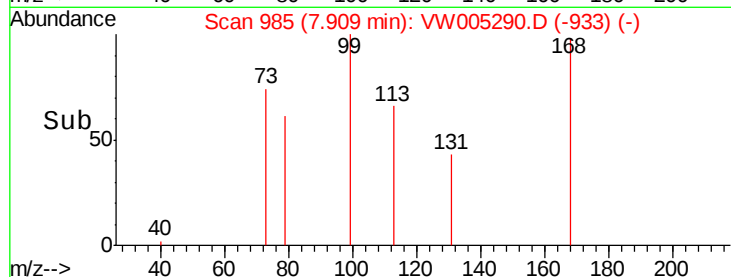
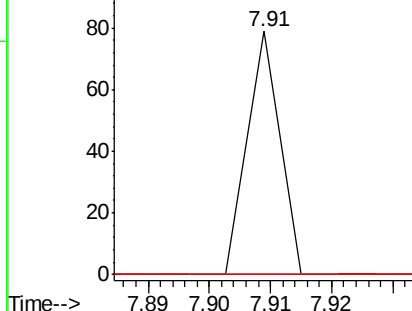
#35
 Dibromofluoromethane
 Concen: 0.06 ug/l
 RT: 7.91 min Scan# 985
 Delta R.T. 0.02 min
 Lab File: VW005290.D
 Acq: 11 Sep 2018 21:25

Instrument :
 MSVOA_W
 ClientSampleId :
 HR-05-090718-C

Tot Ion:113 Resp: 29
 Ion Ratio Lower Upper
 113 100
 111 0.0 80.6 121.0#
 192 0.0 18.3 27.5#

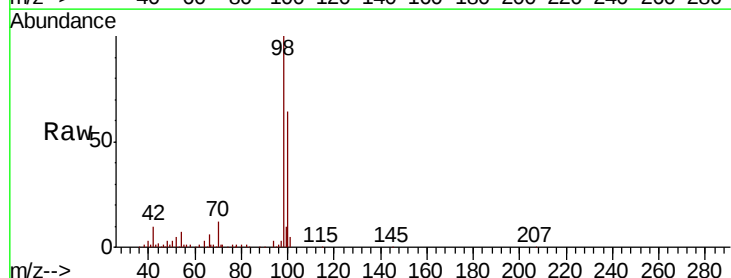


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

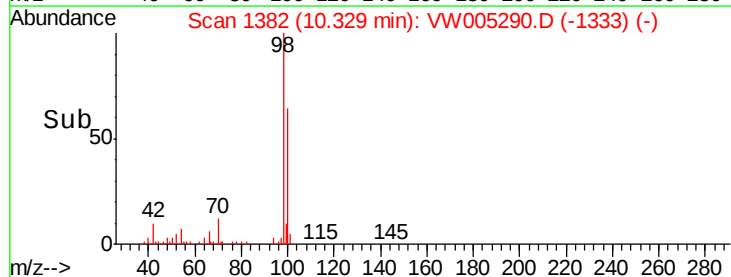
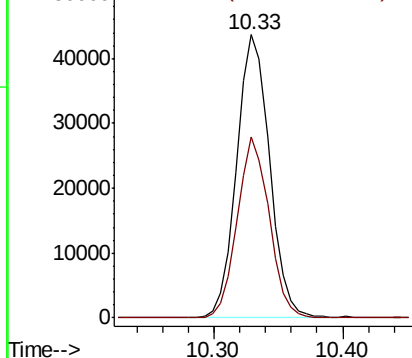


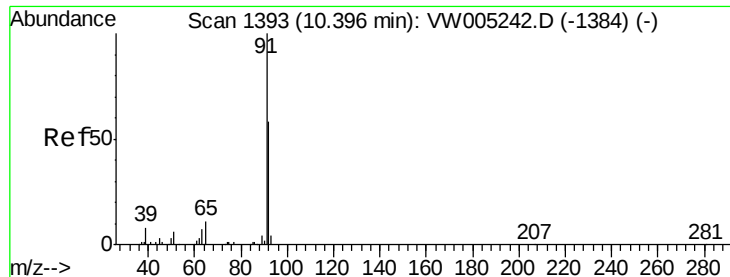
#50
 Toluene-d8
 Concen: 33.85 ug/l
 RT: 10.33 min Scan# 1382
 Delta R.T. -0.00 min
 Lab File: VW005290.D
 Acq: 11 Sep 2018 21:25

Tgt Ion: 98 Resp: 77537
 Ion Ratio Lower Upper
 98 100
 100 62.2 52.0 78.0



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





#52

Toluene

Concen: 3.84 ug/l

RT: 10.40 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW005290.D

Acq: 11 Sep 2018 21:25

Instrument :

MSVOA_W

ClientSampleId :

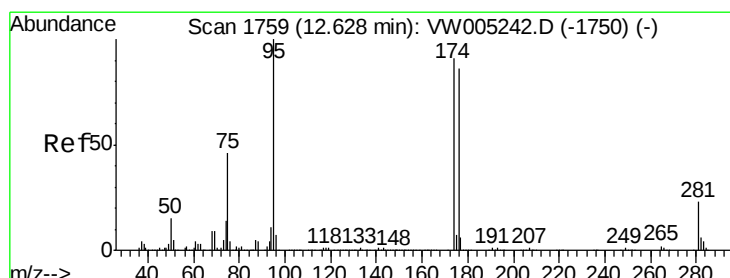
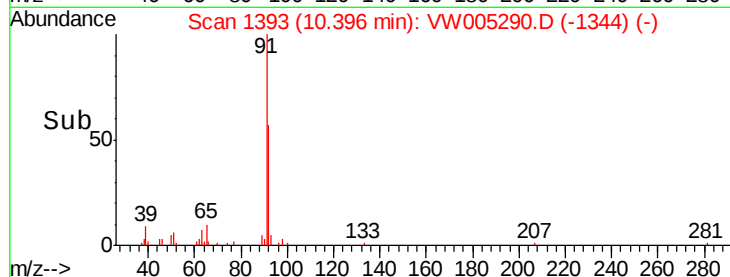
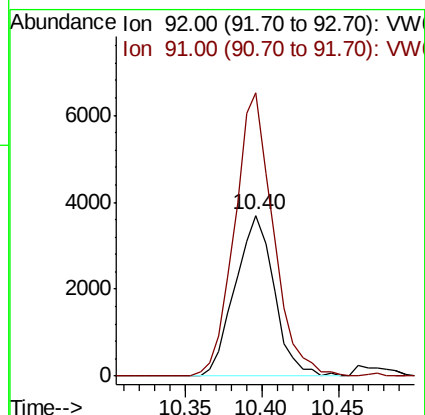
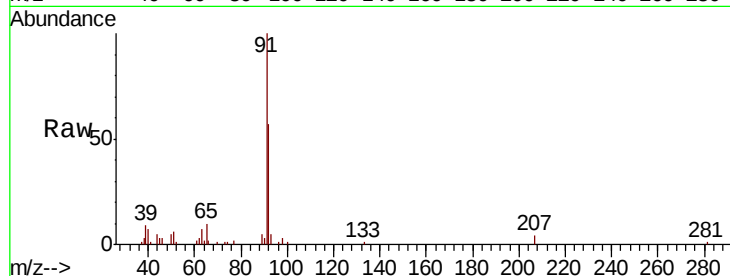
HR-05-090718-C

Tot Ion: 92 Resp: 6513

Ion Ratio Lower Upper

92 100

91 175.5 137.4 206.0



#62

4-Bromofluorobenzene

Concen: 21.40 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. -0.00 min

Lab File: VW005290.D

Acq: 11 Sep 2018 21:25

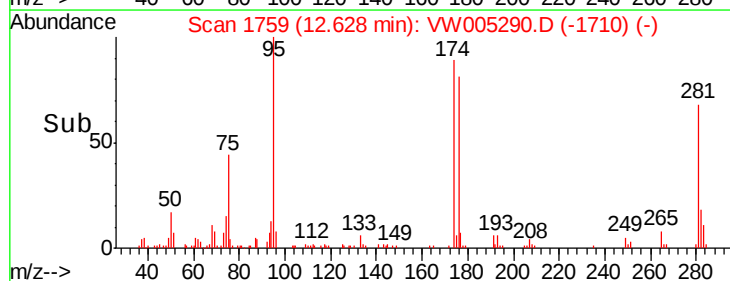
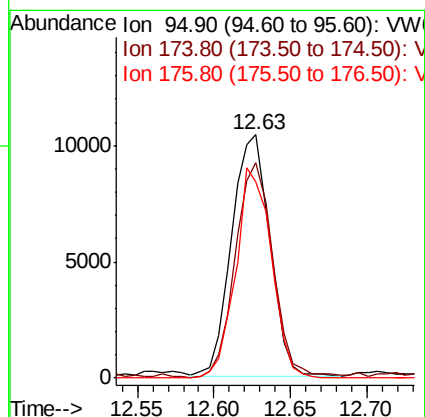
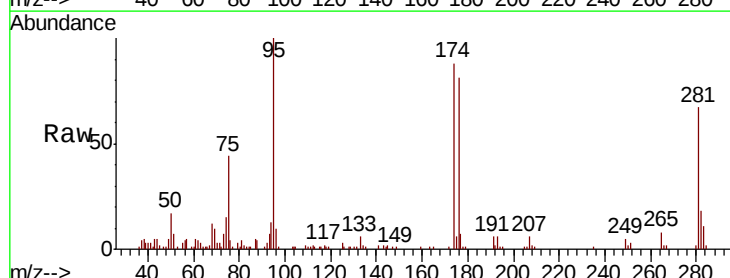
Tgt Ion: 95 Resp: 17935

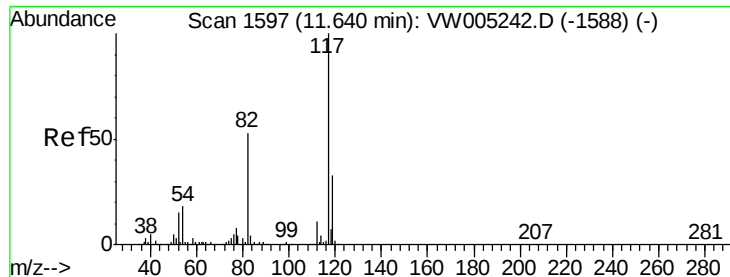
Ion Ratio Lower Upper

95 100

174 88.8 0.0 174.6

176 81.7 0.0 167.6

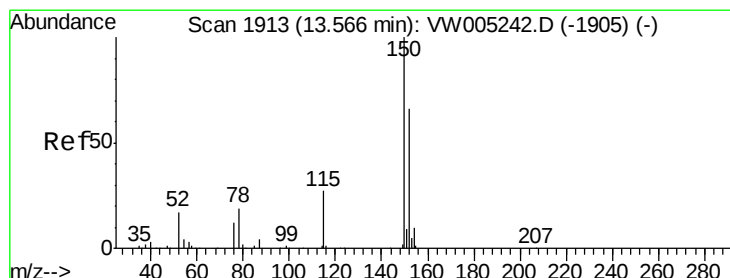
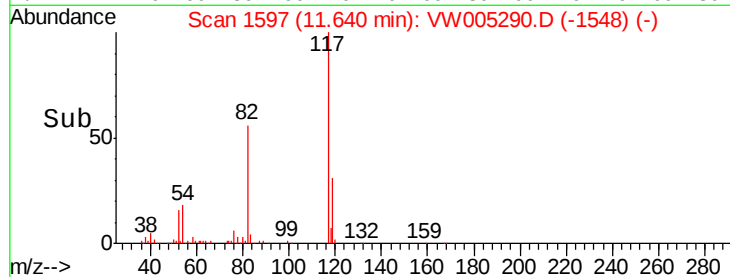
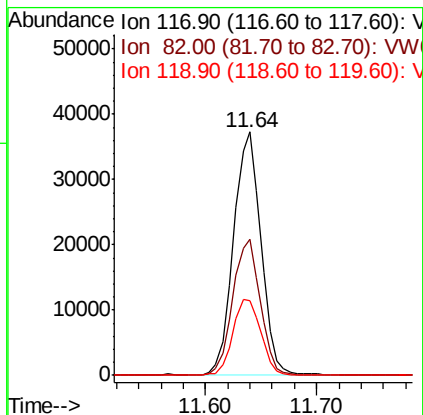
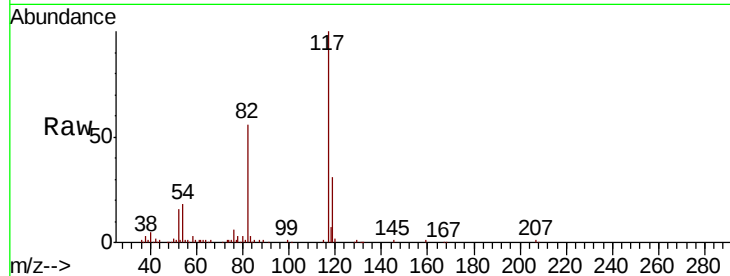




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VW005290.D
Acq: 11 Sep 2018 21:25

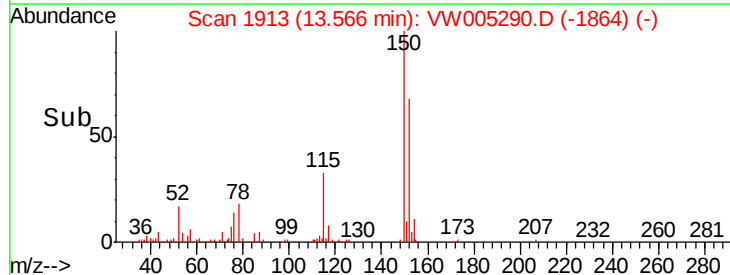
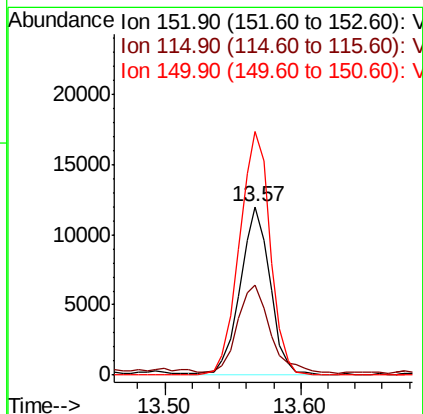
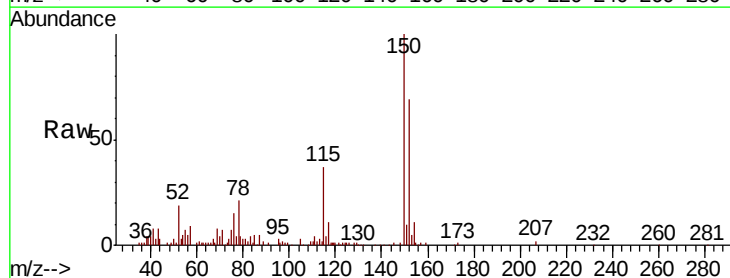
Instrument :
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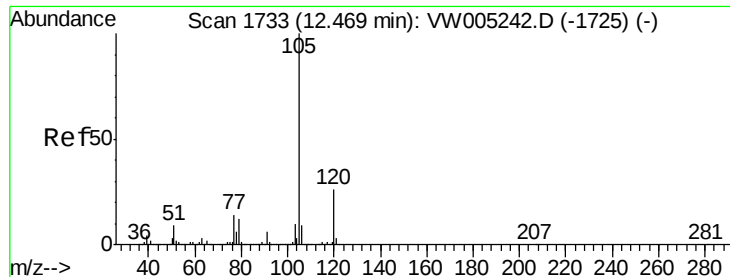
Tot Ion:117 Resp: 63765
Ion Ratio Lower Upper
117 100
82 55.7 42.6 63.8
119 30.5 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005290.D
Acq: 11 Sep 2018 21:25

Tgt Ion:152 Resp: 18252
Ion Ratio Lower Upper
152 100
115 58.6 27.5 82.4
150 149.3 0.0 347.4





#73

Isopropylbenzene

Concen: 1.28 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW005290.D

Acq: 11 Sep 2018 21:25

Instrument :

MSVOA_W

ClientSampleId :

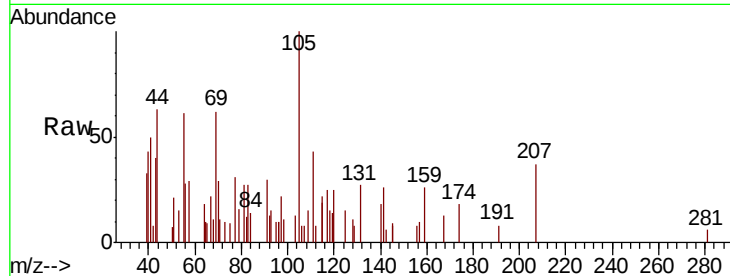
HR-05-090718-C

Tot Ion: 105 Resp: 1654

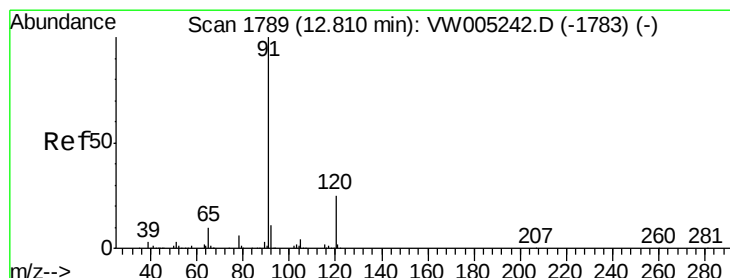
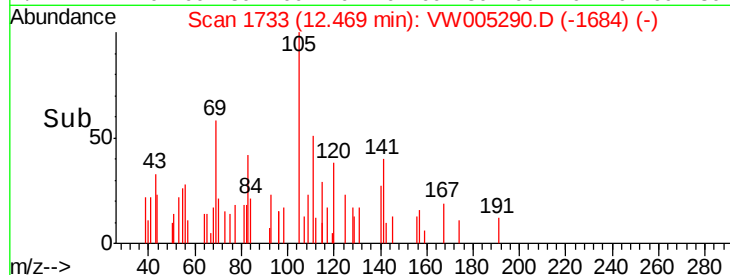
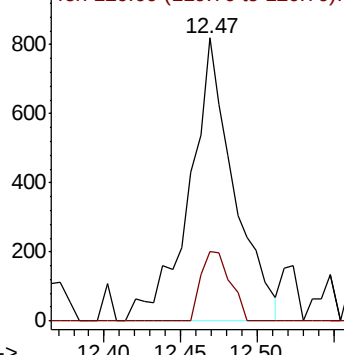
Ion Ratio Lower Upper

105 100

120 16.3 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V



#78

n-propylbenzene

Concen: 2.19 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW005290.D

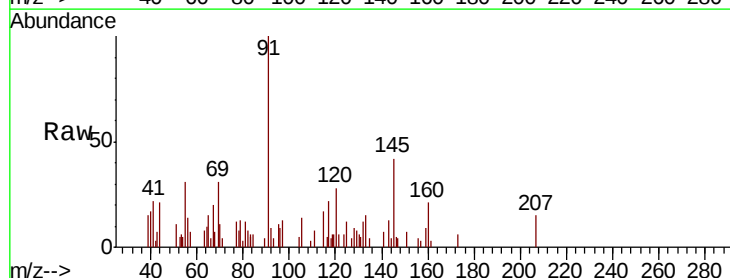
Acq: 11 Sep 2018 21:25

Tgt Ion: 91 Resp: 3396

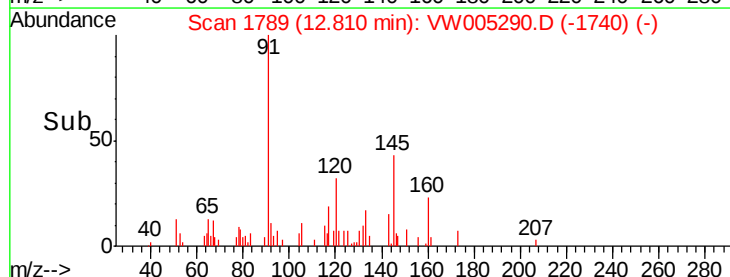
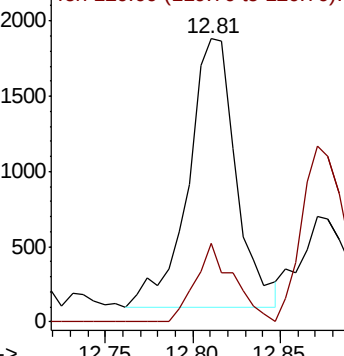
Ion Ratio Lower Upper

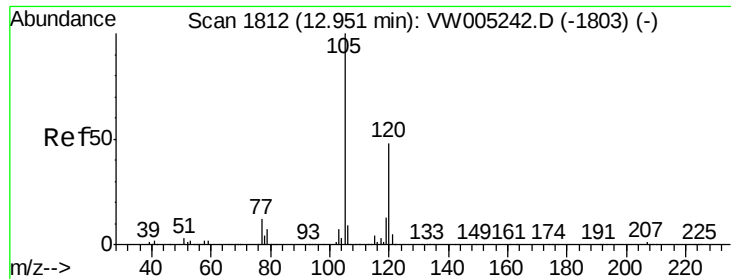
91 100

120 23.5 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VW

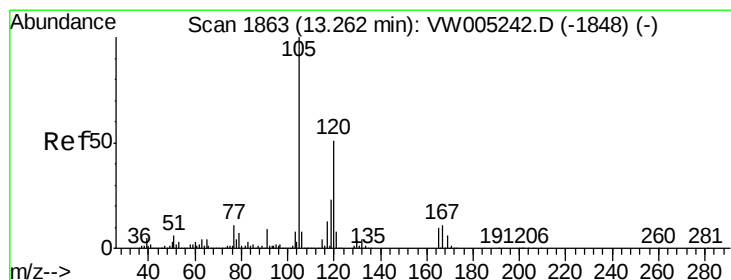
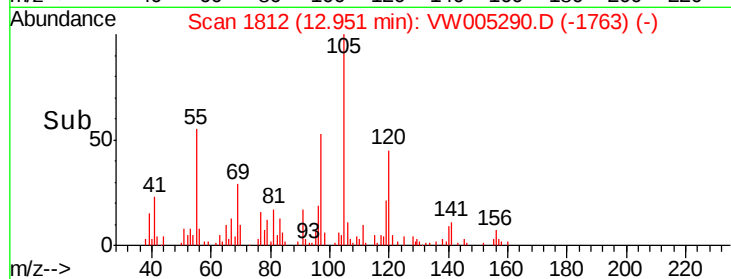
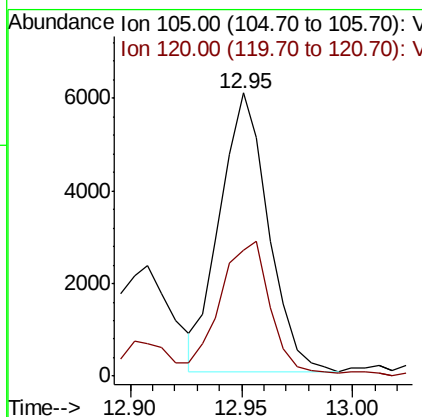
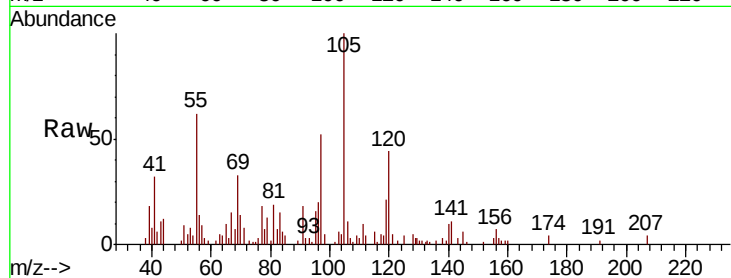




#80
 1,3,5-Trimethylbenzene
 Concen: 8.28 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VW005290.D
 Acq: 11 Sep 2018 21:25

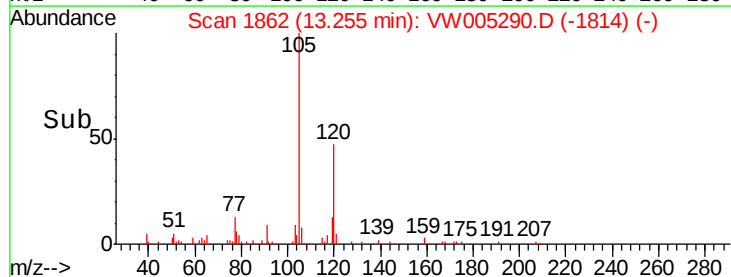
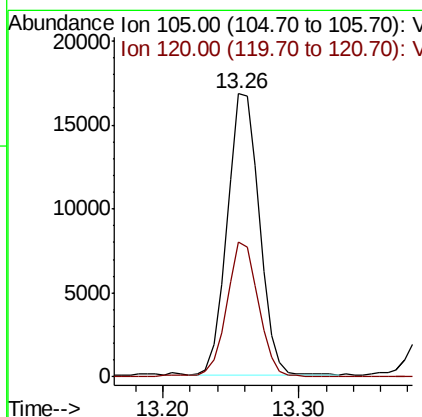
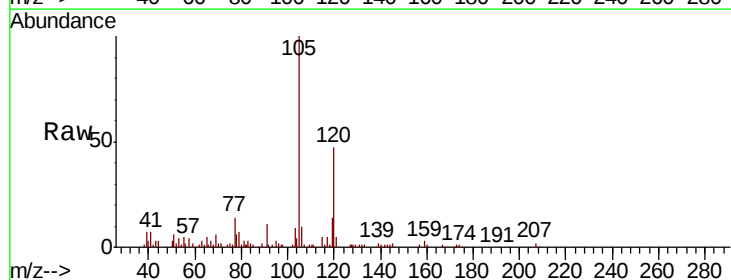
Instrument :
 MSVOA_W
 ClientSampleId :
 HR-05-090718-C

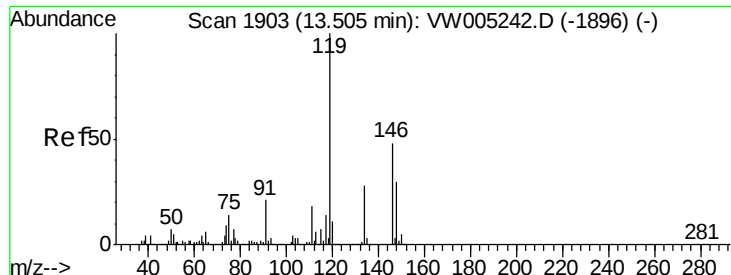
Tot Ion:105 Resp: 9087
 Ion Ratio Lower Upper
 105 100
 120 49.2 24.4 73.4



#84
 1,2,4-Trimethylbenzene
 Concen: 24.74 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.01 min
 Lab File: VW005290.D
 Acq: 11 Sep 2018 21:25

Tgt Ion:105 Resp: 27302
 Ion Ratio Lower Upper
 105 100
 120 47.3 23.4 70.3





#86
 p-Isopropyltoluene
 Concen: 3.40 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005290.D
 Acq: 11 Sep 2018 21:25

Instrument :
 MSVOA_W
 ClientSampleId :
 HR-05-090718-C

Tot Ion	Ratio	Lower	Upper
119	100		
134	26.7	13.2	39.5
91	19.5	10.7	32.1

