

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072019\
 Data File : VW011409.D
 Acq On : 20 Jul 2019 07:30
 Operator : SY/VA
 Sample : K3615-03
 Misc : 6.09G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 HR-06-071719-B

Quant Time: Jul 22 01:13:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 11 08:14:17 2019
 Response via : Initial Calibration

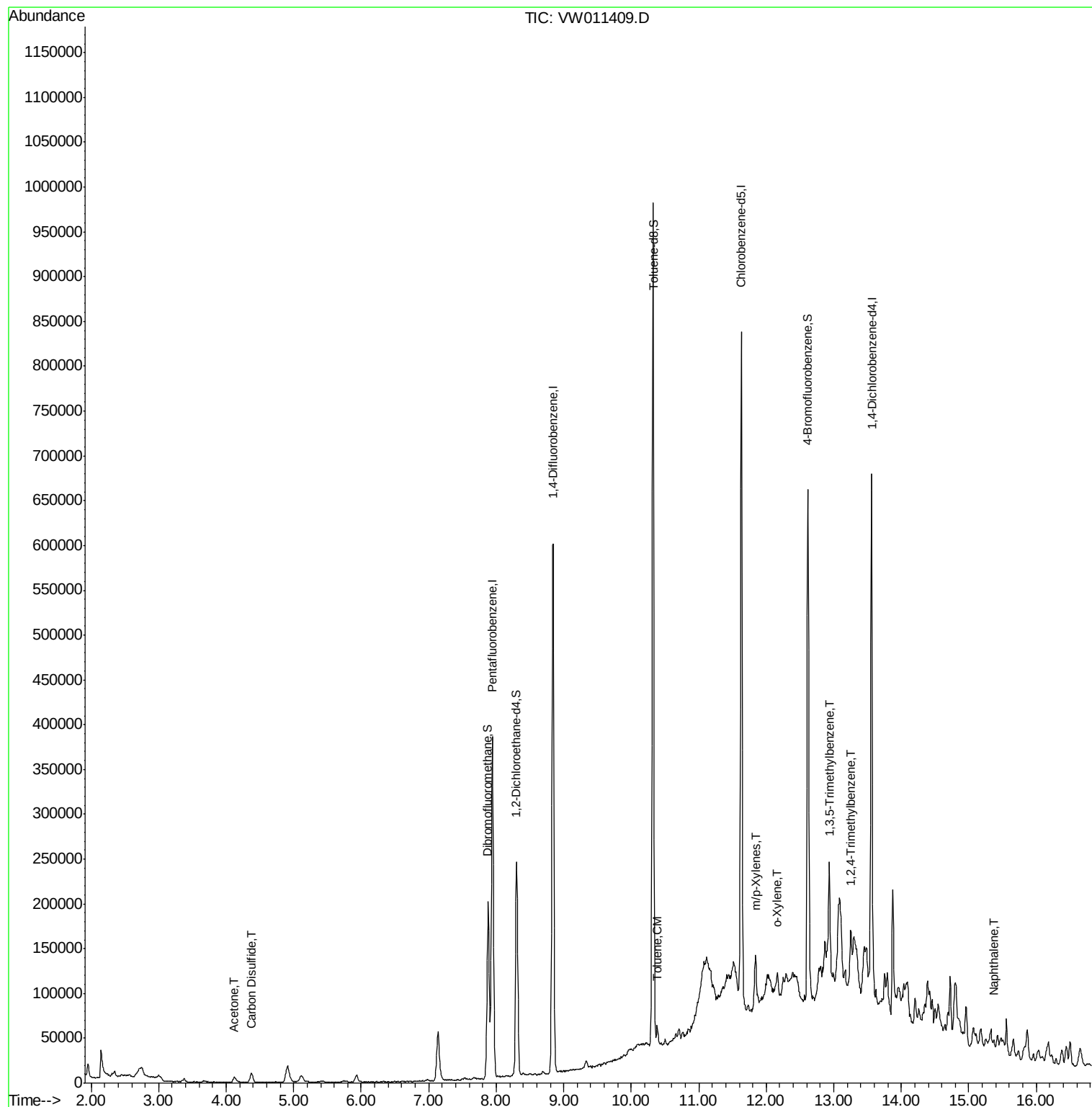
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	282563	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	479765	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	399412	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	145327	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	184371	51.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.86%	
35) Dibromofluoromethane	7.88	113	139711	48.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.72%	
50) Toluene-d8	10.32	98	597742	51.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.42%	
62) 4-Bromofluorobenzene	12.62	95	190449	44.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.90%	
Target Compounds						
16) Acetone	4.12	43	10515	12.308	ug/l	99
17) Carbon Disulfide	4.37	76	21238	2.232	ug/l	97
52) Toluene	10.38	92	8682	1.014	ug/l	94
68) m/p-Xylenes	11.84	106	9439	1.678	ug/l	80
69) o-Xylene	12.16	106	6967	1.314	ug/l	78
80) 1,3,5-Trimethylbenzene	12.94	105	18540	2.009	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	29620	3.196	ug/l	93
95) Naphthalene	15.36	128	5765	1.026	ug/l #	89

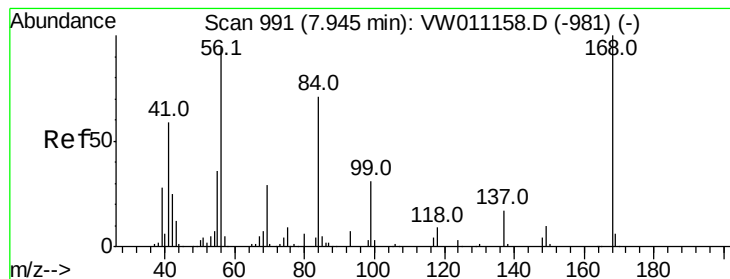
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW072019\
Data File : VW011409.D
Acq On : 20 Jul 2019 07:30
Operator : SY/VA
Sample : K3615-03
Misc : 6.09G/5ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
HR-06-071719-B

Quant Time: Jul 22 01:13:05 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
Quant Title : SW846 8260
QLast Update : Thu Jul 11 08:14:17 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW011409.D

Acq: 20 Jul 2019 07:30

Instrument :

MSVOA_W

ClientSampleId :

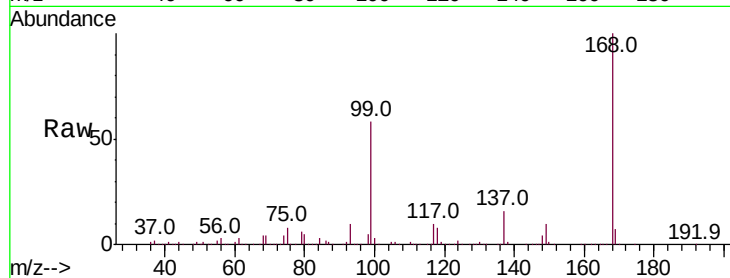
HR-06-071719-B

Tot Ion:168 Resp: 282563

Ion Ratio Lower Upper

168 100

99 58.3 50.1 75.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

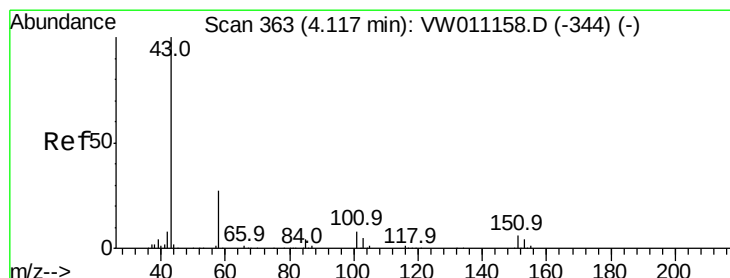
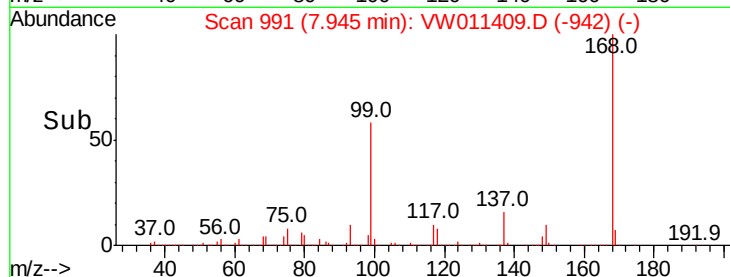
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 12.308 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW011409.D

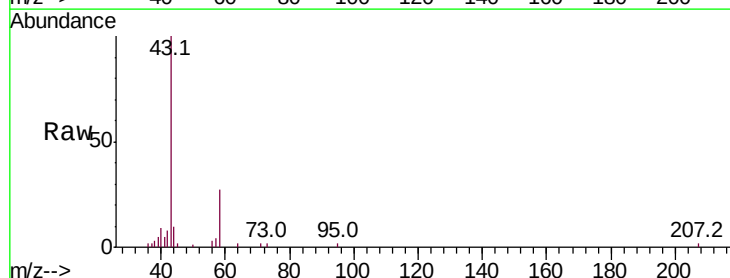
Acq: 20 Jul 2019 07:30

Tgt Ion: 43 Resp: 10515

Ion Ratio Lower Upper

43 100

58 27.9 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

4000

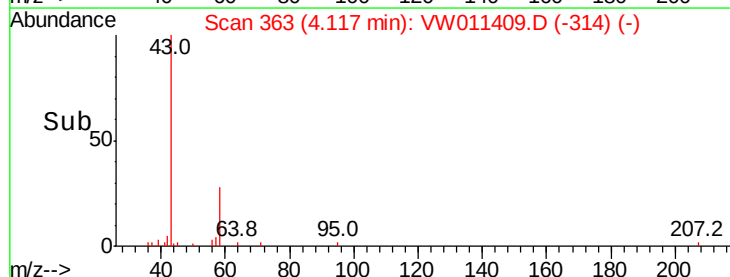
3000

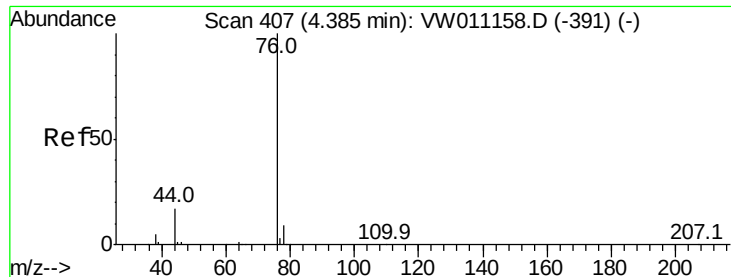
2000

1000

0

Time-->





#17

Carbon Disulfide

Concen: 2.232 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW011409.D

Acq: 20 Jul 2019 07:30

Instrument :

MSVOA_W

ClientSampleId :

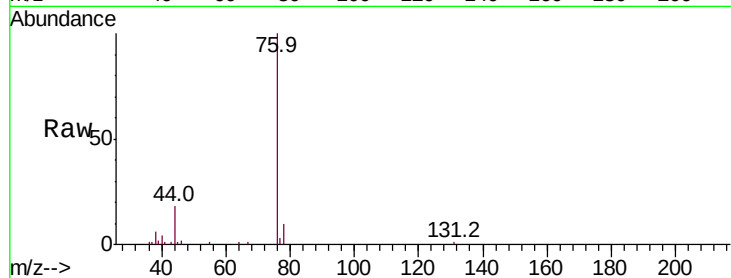
HR-06-071719-B

Tot Ion: 76 Resp: 21238

Ion Ratio Lower Upper

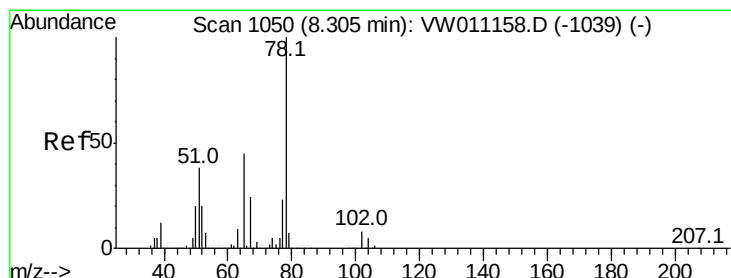
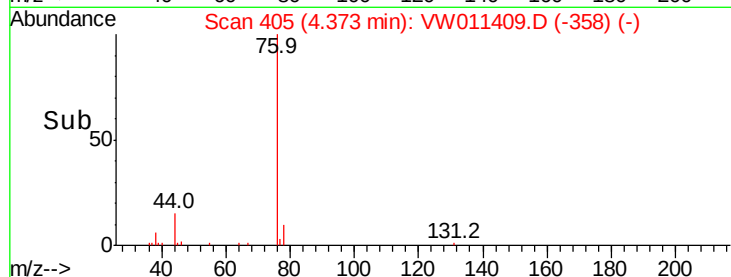
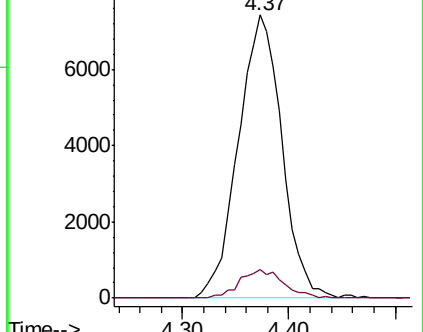
76 100

78 10.1 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#33

1,2-Dichloroethane-d4

Concen: 51.928 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW011409.D

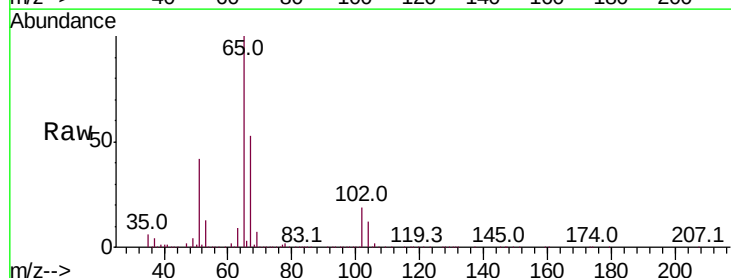
Acq: 20 Jul 2019 07:30

Tgt Ion: 65 Resp: 184371

Ion Ratio Lower Upper

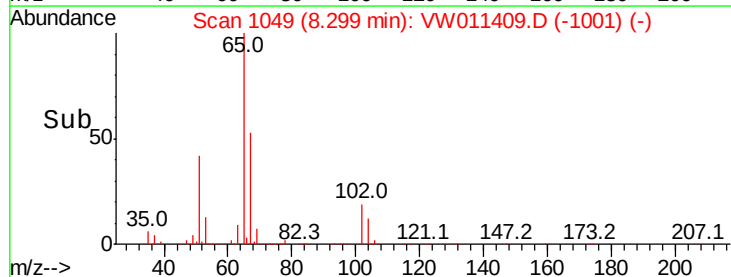
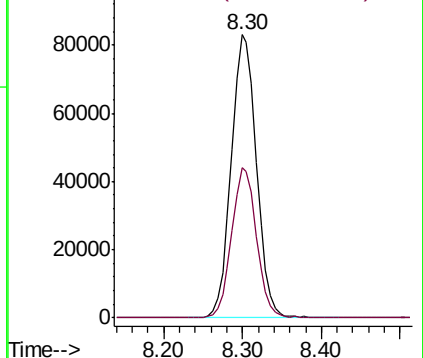
65 100

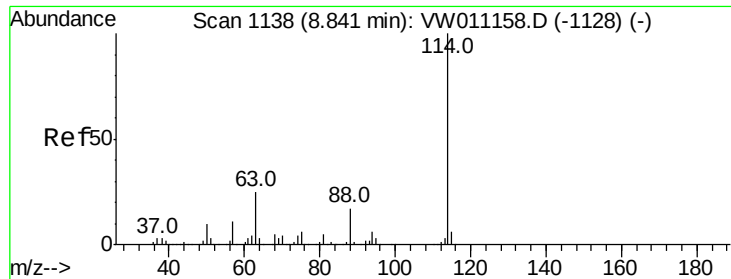
67 51.9 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

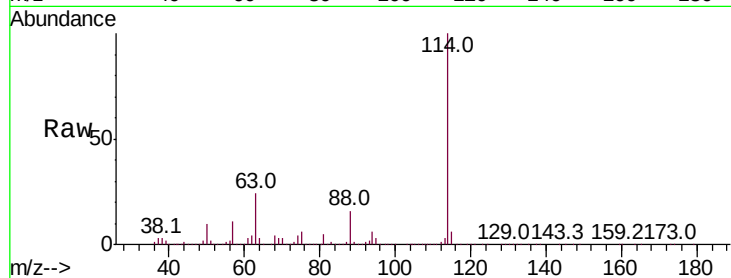




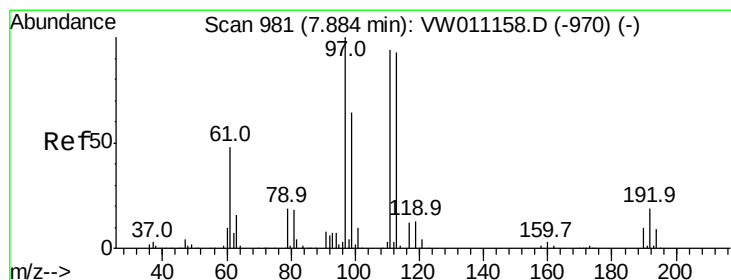
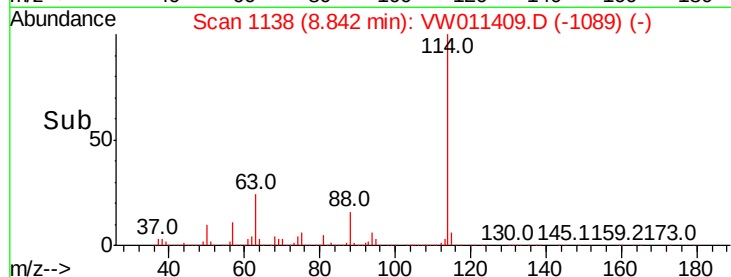
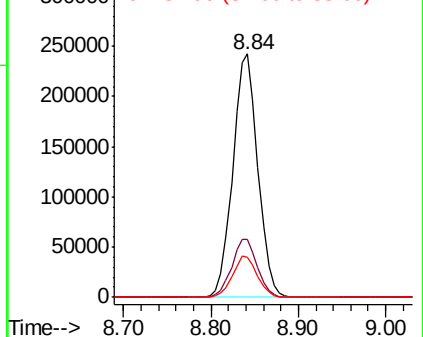
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW011409.D
Acq: 20 Jul 2019 07:30

Instrument :
MSVOA_W
ClientSampleId :
HR-06-071719-B

Tot Ion:114 Resp: 479765
Ion Ratio Lower Upper
114 100
63 23.6 0.0 50.8
88 16.3 0.0 34.2

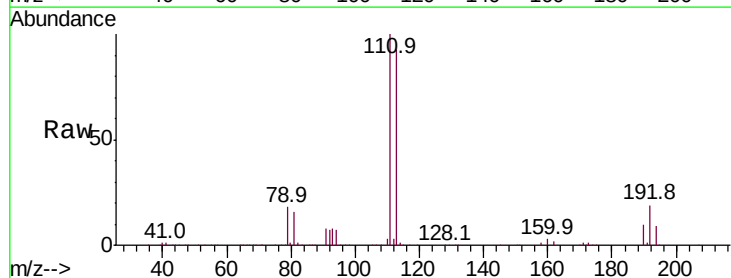


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

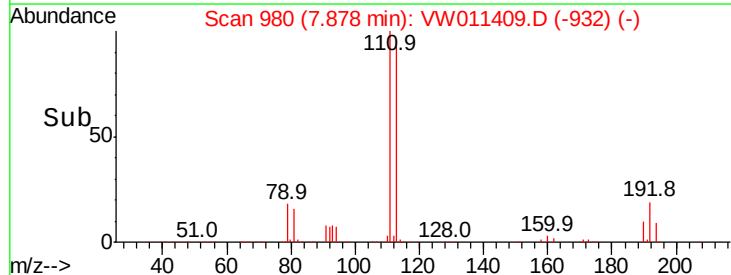
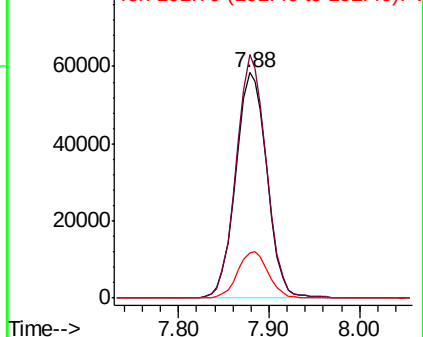


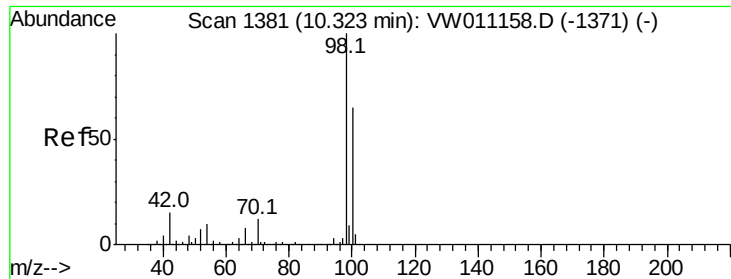
#35
Dibromofluoromethane
Concen: 48.857 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.01 min
Lab File: VW011409.D
Acq: 20 Jul 2019 07:30

Tgt Ion:113 Resp: 139711
Ion Ratio Lower Upper
113 100
111 104.6 82.4 123.6
192 20.3 15.8 23.8



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

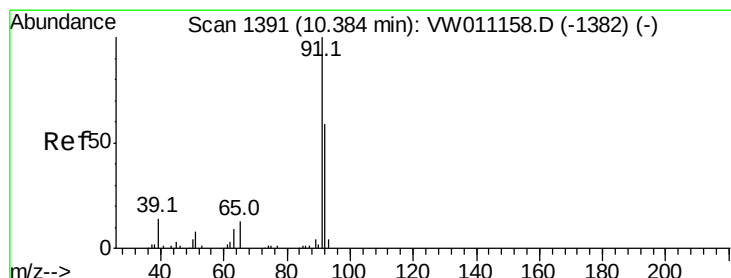
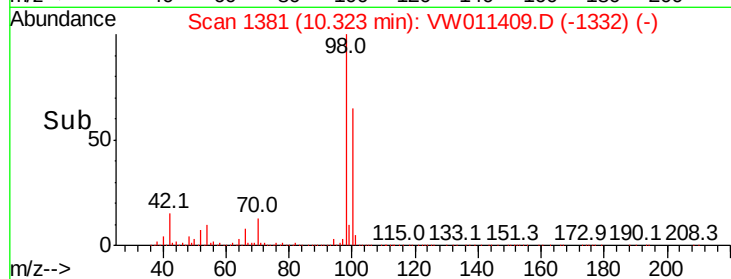
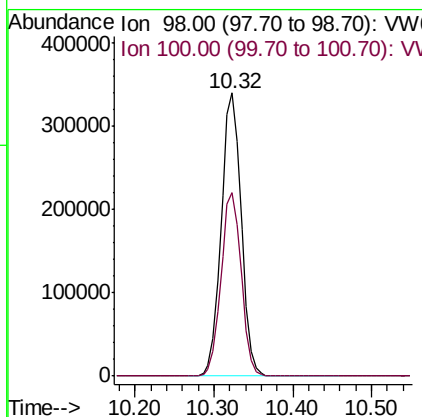
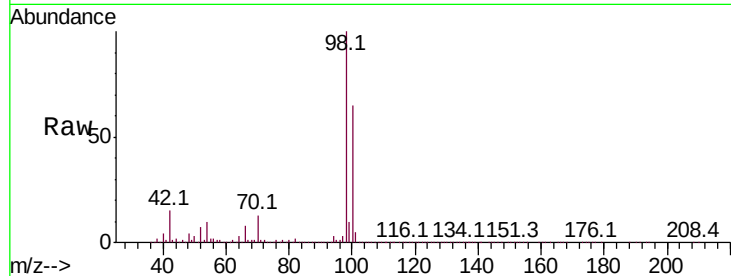




#50
Toluene-d8
Concen: 51.712 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW011409.D
Acq: 20 Jul 2019 07:30

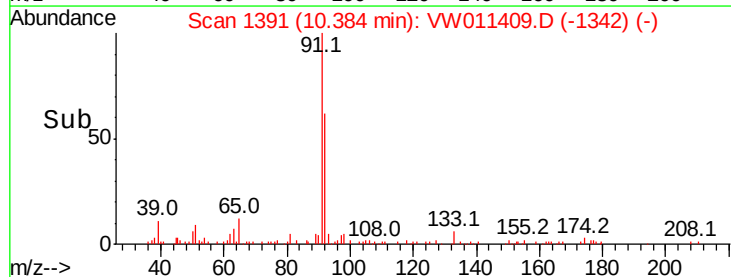
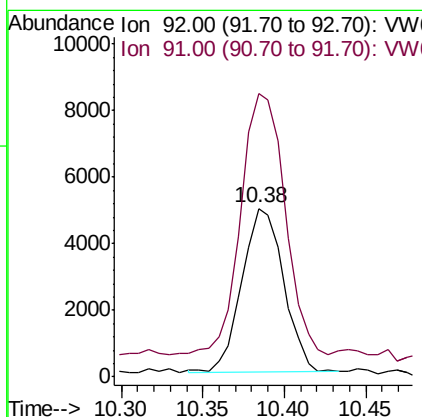
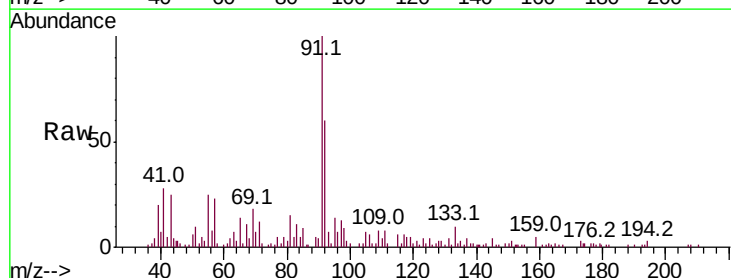
Instrument :
MSVOA_W
ClientSampleId :
HR-06-071719-B

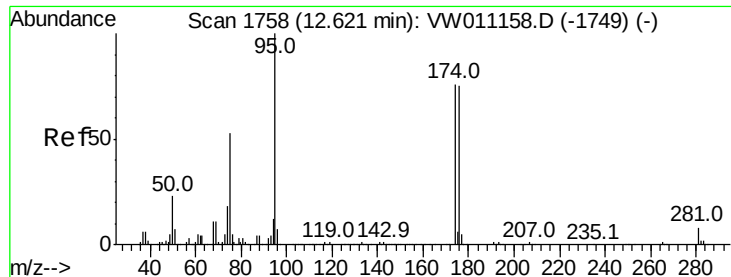
Tot Ion: 98 Resp: 597742
Ion Ratio Lower Upper
98 100
100 65.4 52.4 78.6



#52
Toluene
Concen: 1.014 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VW011409.D
Acq: 20 Jul 2019 07:30

Tgt Ion: 92 Resp: 8682
Ion Ratio Lower Upper
92 100
91 178.5 136.6 205.0

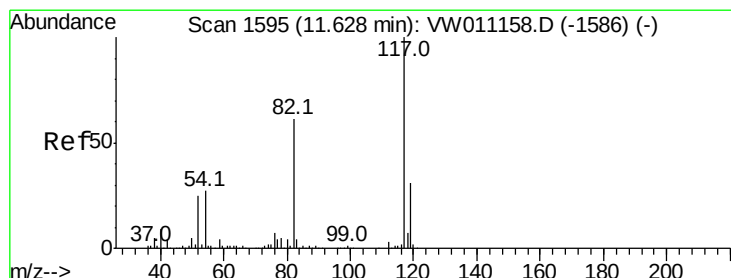
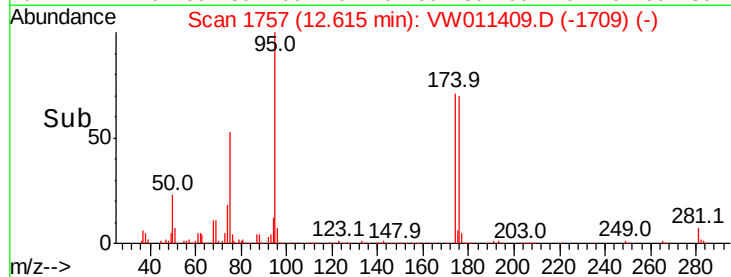
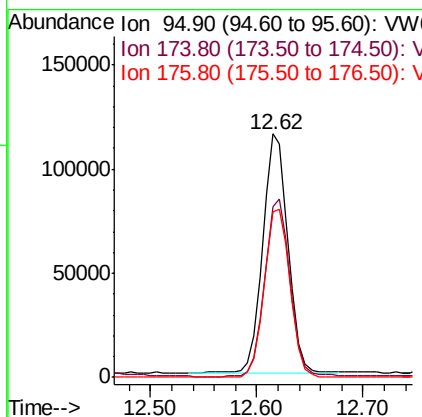
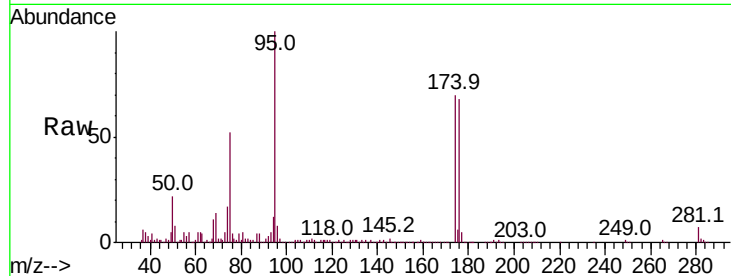




#62
4-Bromofluorobenzene
Concen: 44.951 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.01 min
Lab File: VW011409.D
Acq: 20 Jul 2019 07:30

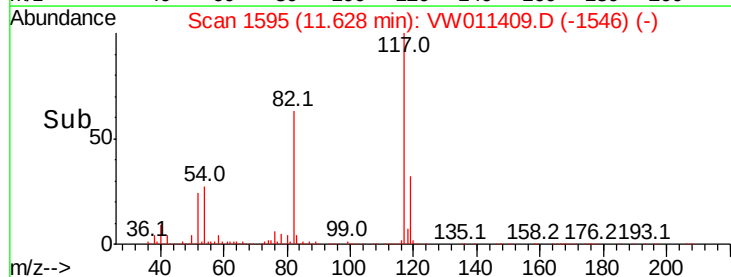
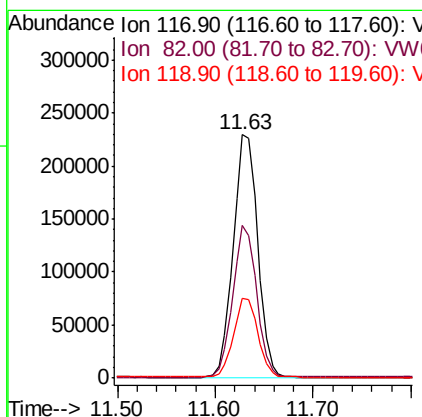
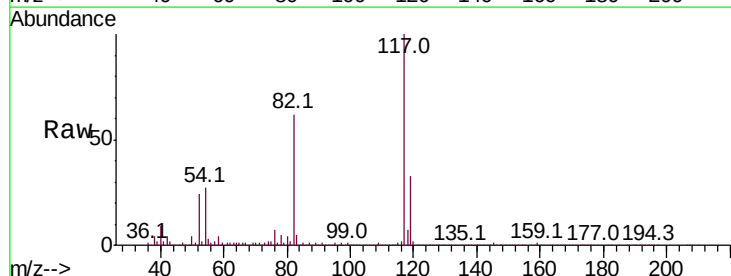
Instrument :
MSVOA_W
ClientSampleId :
HR-06-071719-B

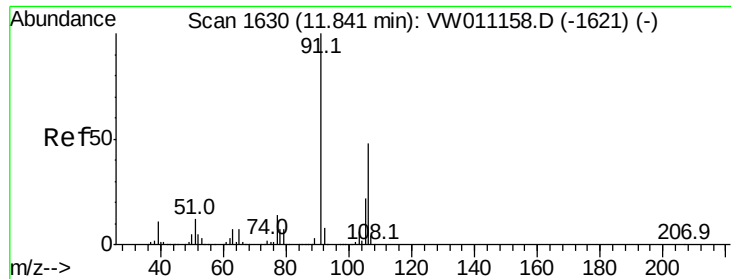
Tot Ion	95	Resp	190449
Ion Ratio	Lower	Upper	
95	100		
174	75.9	0.0	147.6
176	71.9	0.0	144.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW011409.D
Acq: 20 Jul 2019 07:30

Tgt Ion	117	Resp	399412
Ion Ratio	Lower	Upper	
117	100		
82	62.2	48.9	73.3
119	32.4	25.0	37.6

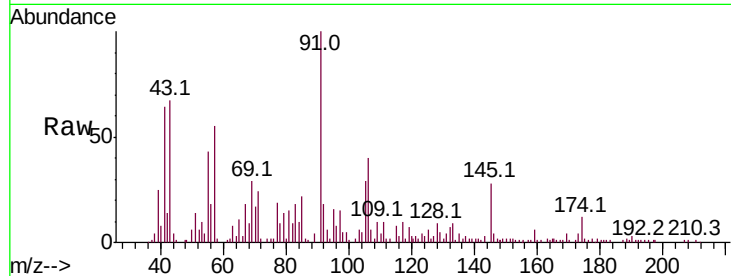




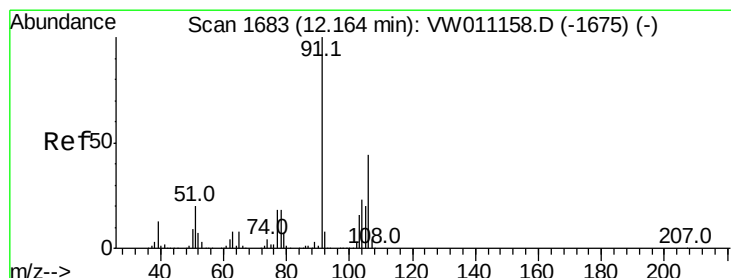
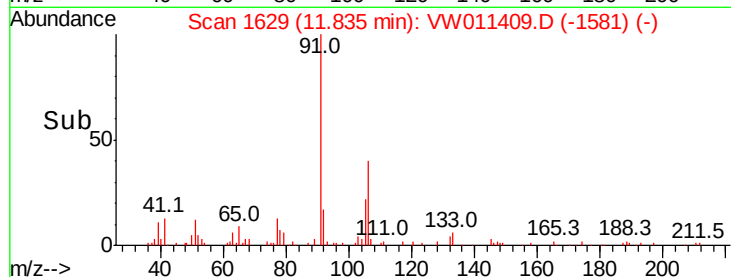
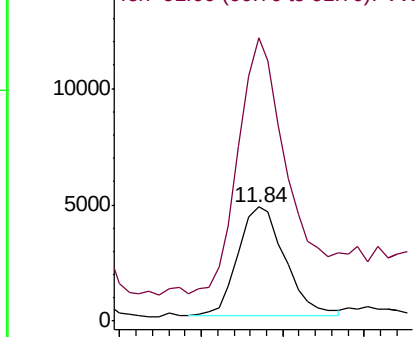
#68
m/p-Xylenes
Concen: 1.678 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW011409.D
Acq: 20 Jul 2019 07:30

Instrument :
MSVOA_W
ClientSampleId :
HR-06-071719-B

Tot Ion:106 Resp: 9439
Ion Ratio Lower Upper
106 100
91 241.4 167.7 251.5

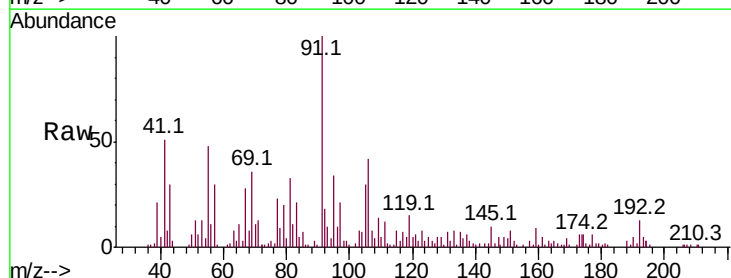


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

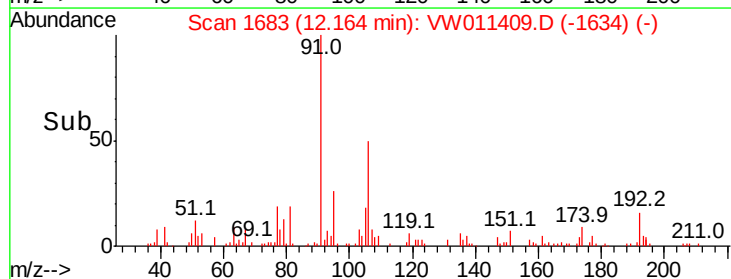
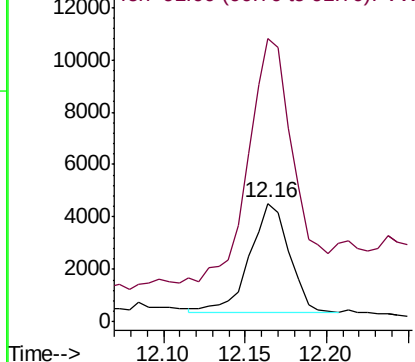


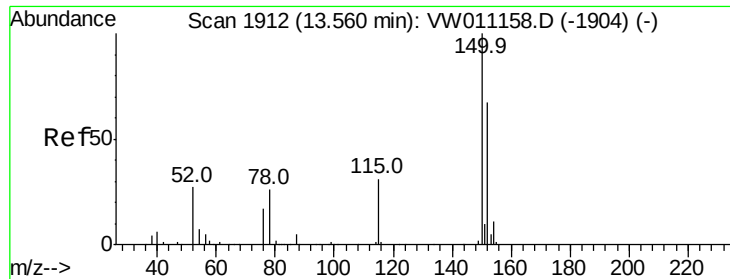
#69
o-Xylene
Concen: 1.314 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW011409.D
Acq: 20 Jul 2019 07:30

Tgt Ion:106 Resp: 6967
Ion Ratio Lower Upper
106 100
91 256.9 110.7 332.1



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW011409.D

Acq: 20 Jul 2019 07:30

Instrument :

MSVOA_W

ClientSampleId :

HR-06-071719-B

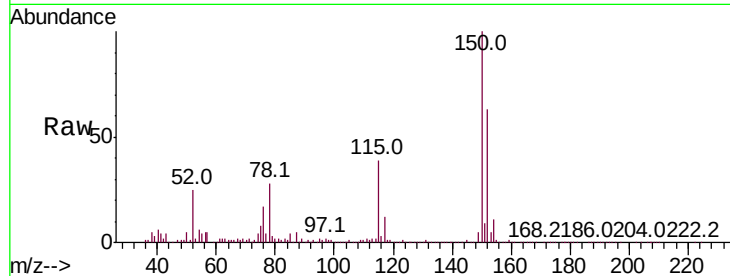
Tot Ion:152 Resp: 145327

Ion Ratio Lower Upper

152 100

115 61.7 30.1 90.3

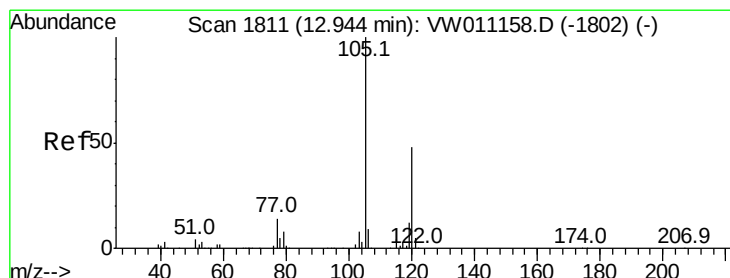
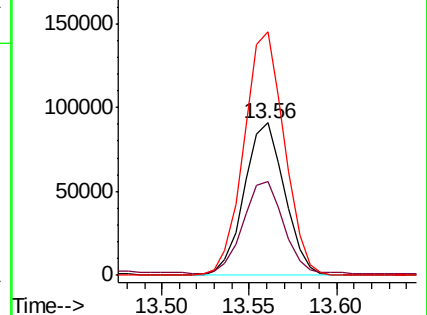
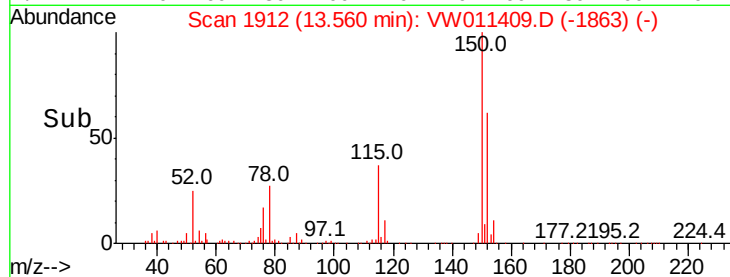
150 159.5 0.0 346.0



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



#80

1,3,5-Trimethylbenzene

Concen: 2.009 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW011409.D

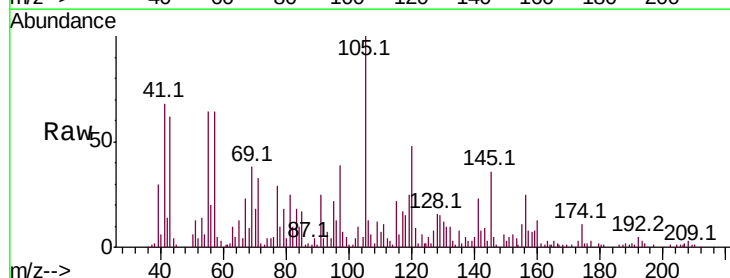
Acq: 20 Jul 2019 07:30

Tgt Ion:105 Resp: 18540

Ion Ratio Lower Upper

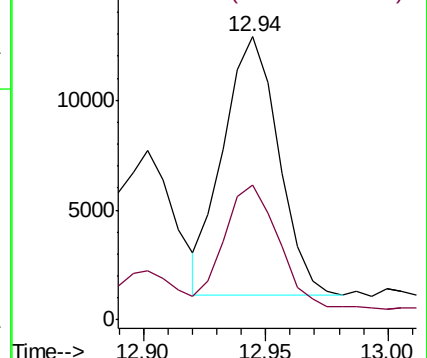
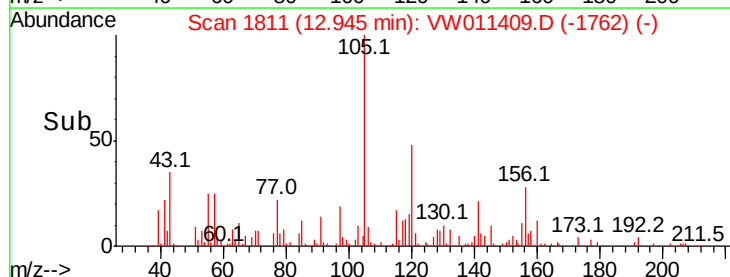
105 100

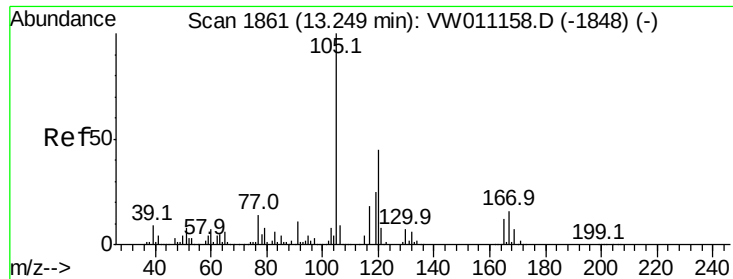
120 47.9 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

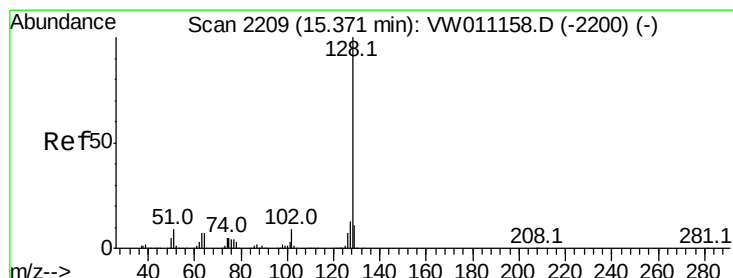
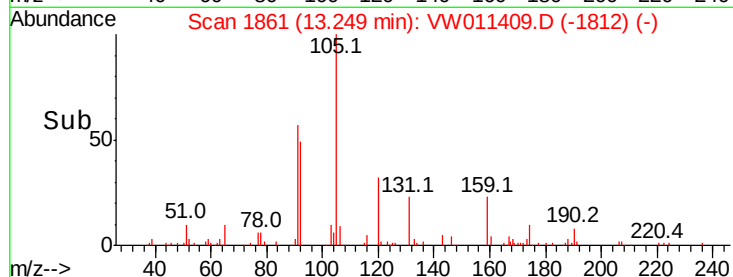
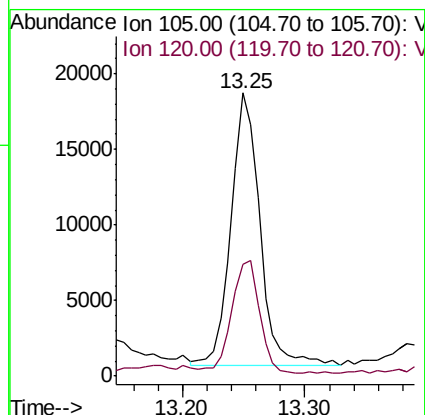
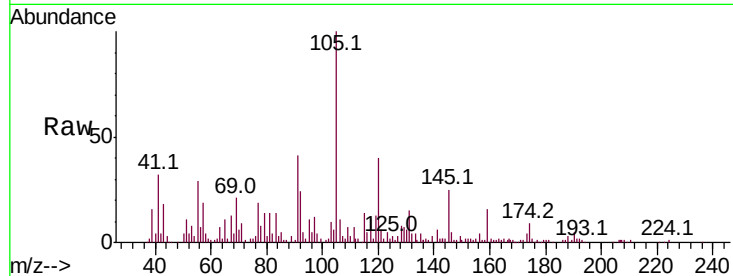




#84
 1,2,4-Trimethylbenzene
 Concen: 3.196 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VW011409.D
 Acq: 20 Jul 2019 07:30

Instrument :
 MSVOA_W
 ClientSampleId :
 HR-06-071719-B

Tot Ion:105 Resp: 29620
 Ion Ratio Lower Upper
 105 100
 120 39.8 22.3 66.9



#95
 Naphthalene
 Concen: 1.026 ug/l
 RT: 15.36 min Scan# 2208
 Delta R.T. -0.01 min
 Lab File: VW011409.D
 Acq: 20 Jul 2019 07:30

Tgt Ion:128 Resp: 5765
 Ion Ratio Lower Upper
 128 100
 127 12.7 10.6 16.0
 129 19.5 8.7 13.1#

