

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052219\
 Data File : VW010516.D
 Acq On : 22 May 2019 17:51
 Operator : SY/VA
 Sample : K3002-09
 Misc : 5.02G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 23-C7-20190417

Quant Time: May 23 08:07:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 06:38:43 2019
 Response via : Initial Calibration

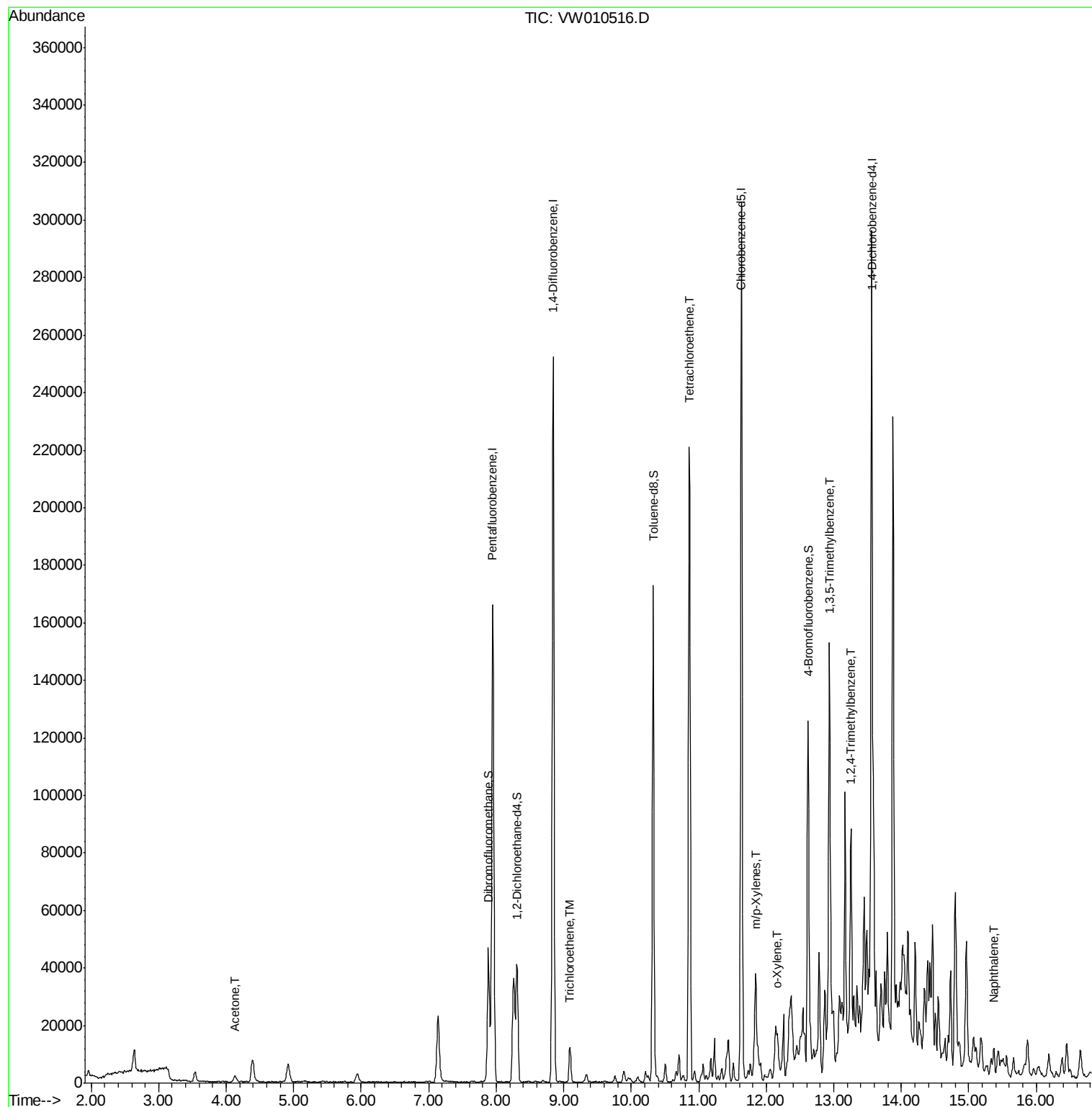
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	122165	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	223839	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	179633	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	66760	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	32580	25.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	51.68%	
35) Dibromofluoromethane	7.88	113	34175	25.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	50.32%	
50) Toluene-d8	10.32	98	115153	22.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	44.38%	
62) 4-Bromofluorobenzene	12.62	95	42664	20.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.28%	
Target Compounds						
					Qvalue	
16) Acetone	4.12	43	4165	16.182	ug/l	96
44) Trichloroethene	9.09	130	4302	2.500	ug/l	94
64) Tetrachloroethene	10.86	164	49000	39.131	ug/l	97
68) m/p-Xylenes	11.84	106	4619	1.742	ug/l	99
69) o-Xylene	12.17	106	3209	1.278	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	19998	4.457	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	41439	9.273	ug/l	97
95) Naphthalene	15.37	128	8190	2.706	ug/l	96

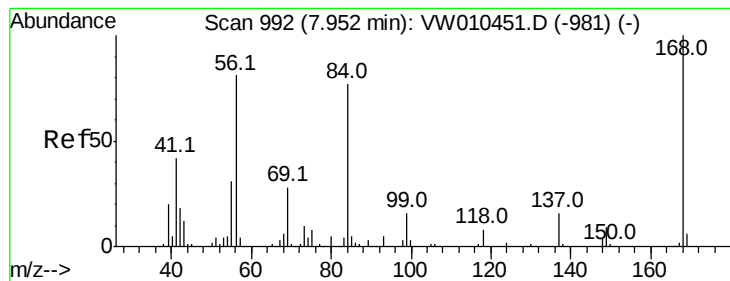
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW052219\
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Quant Title : SW846 8260
QLast Update : Tue May 21 06:38:43 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW010516.D

Acq: 22 May 2019 17:51

Instrument :

MSVOA_W

ClientSampleId :

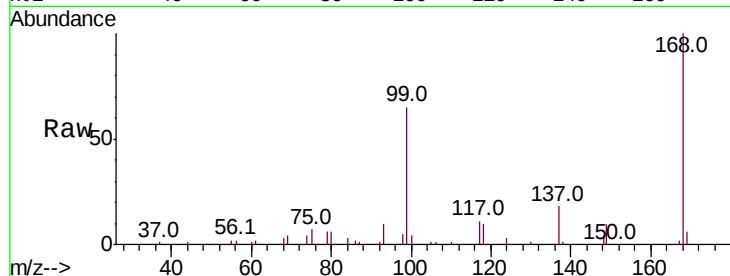
23-C7-20190417

Tot Ion:168 Resp: 122165

Ion Ratio Lower Upper

168 100

99 65.2 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

60000

50000

40000

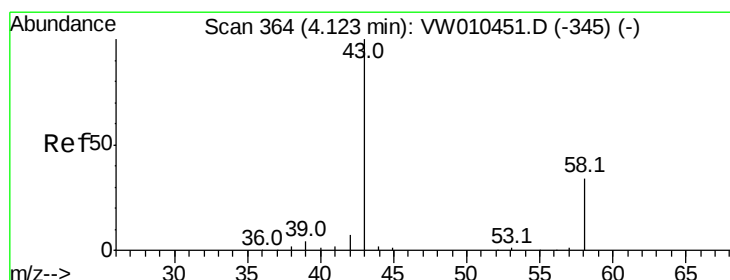
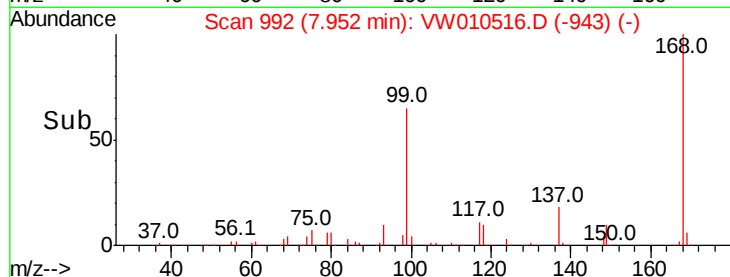
30000

20000

10000

0

Time-->



#16

Acetone

Concen: 16.182 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW010516.D

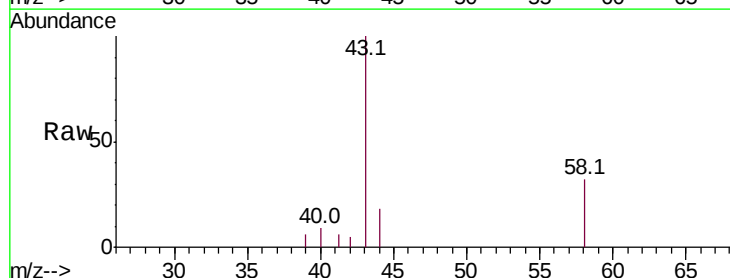
Acq: 22 May 2019 17:51

Tgt Ion: 43 Resp: 4165

Ion Ratio Lower Upper

43 100

58 31.6 27.0 40.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

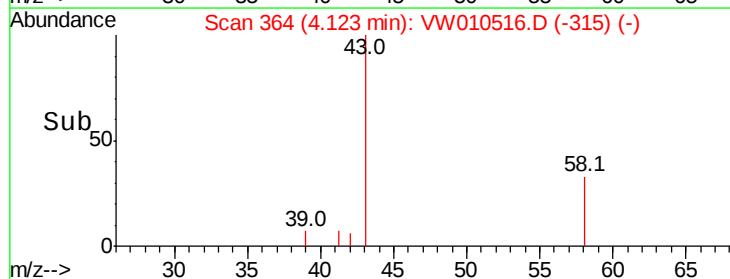
1500

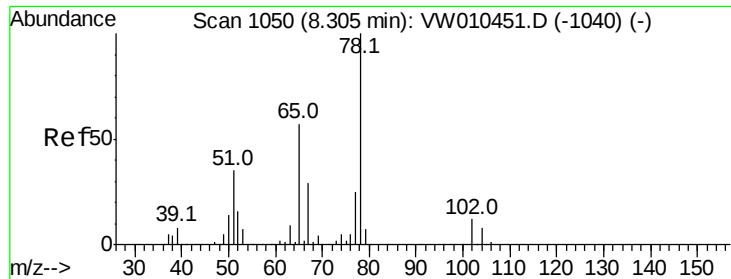
1000

500

0

Time-->

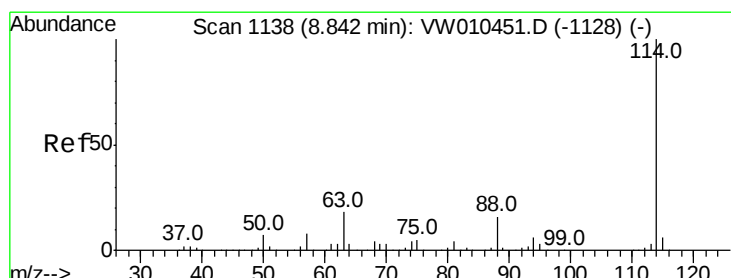
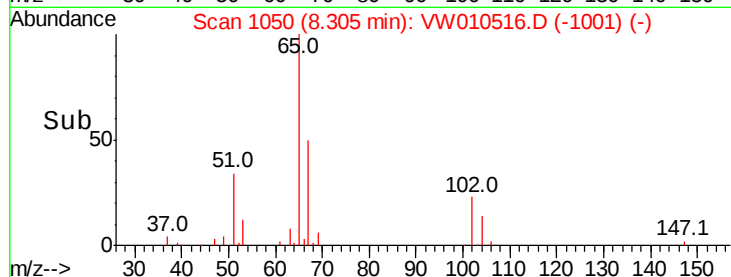
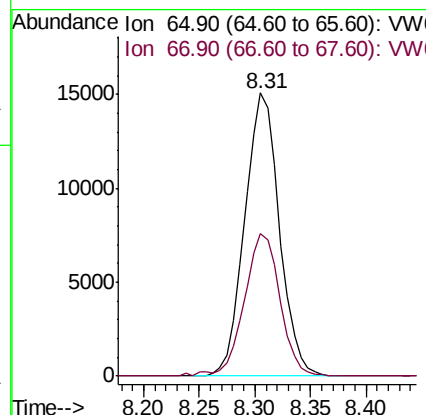
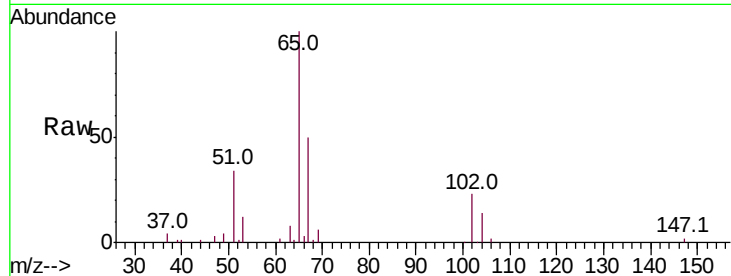




#33
 1,2-Dichloroethane-d4
 Concen: 25.838 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW010516.D
 Acq: 22 May 2019 17:51

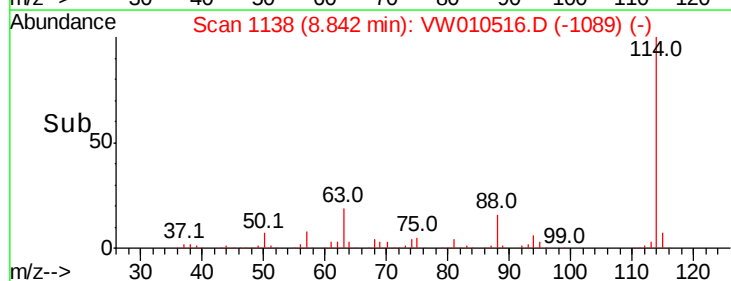
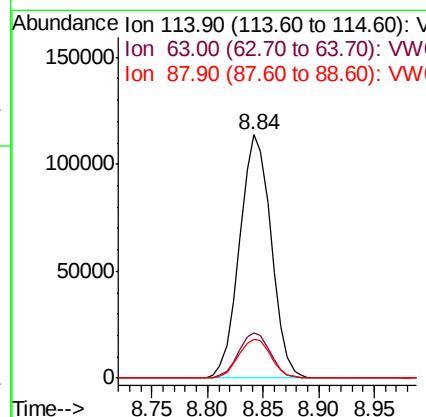
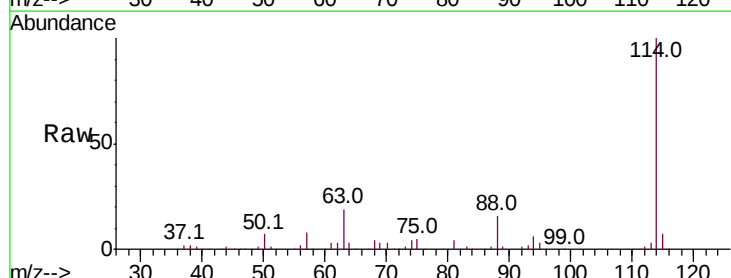
Instrument :
 MSVOA_W
 ClientSampleId :
 23-C7-20190417

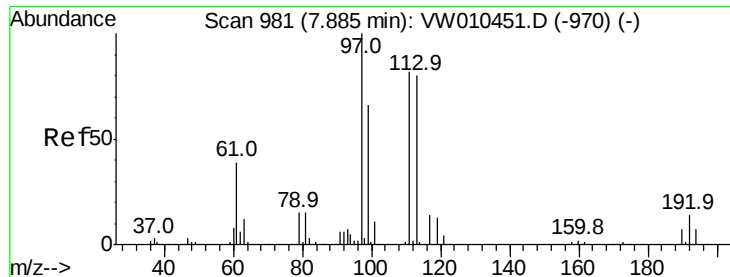
Tot Ion: 65 Resp: 32580
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010516.D
 Acq: 22 May 2019 17:51

Tgt Ion: 114 Resp: 223839
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 36.0
 88 15.7 0.0 32.0

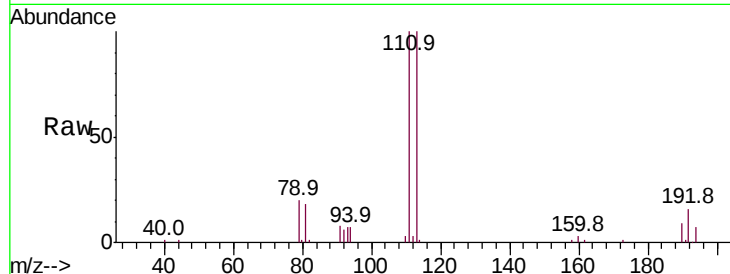




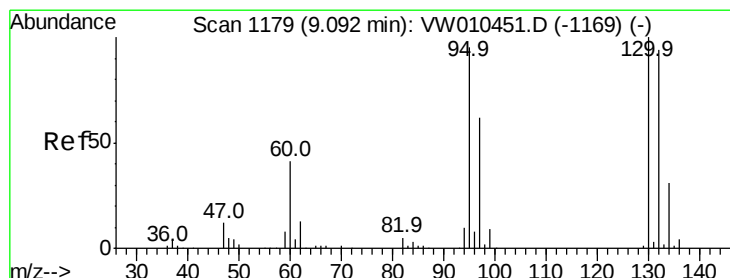
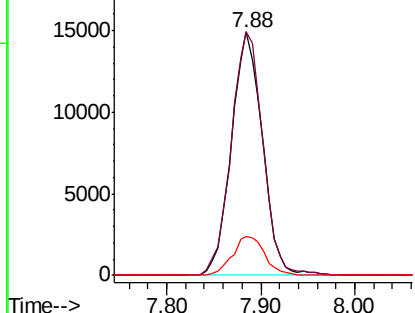
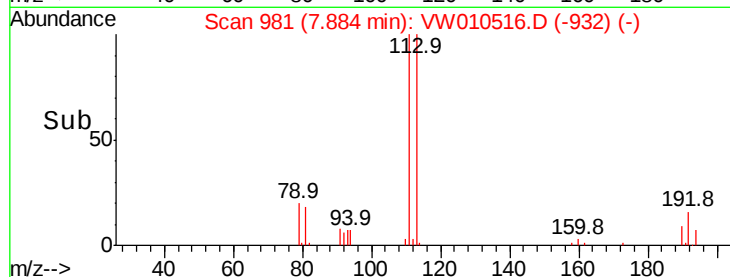
#35
 Dibromofluoromethane
 Concen: 25.162 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW010516.D
 Acq: 22 May 2019 17:51

Instrument :
 MSVOA_W
 ClientSampleId :
 23-C7-20190417

Tot Ion:113 Resp: 34175
 Ion Ratio Lower Upper
 113 100
 111 102.1 82.2 123.4
 192 16.5 14.3 21.5

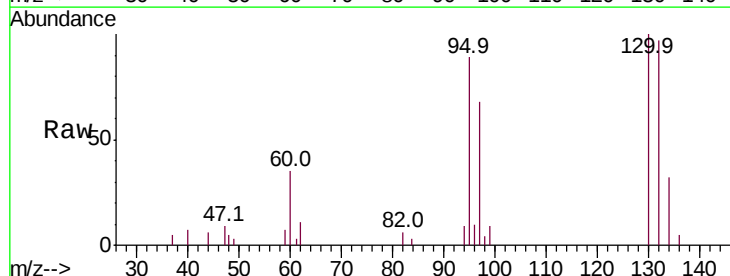


Abundance Ion 112.80 (112.50 to 113.50): V
 20000 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

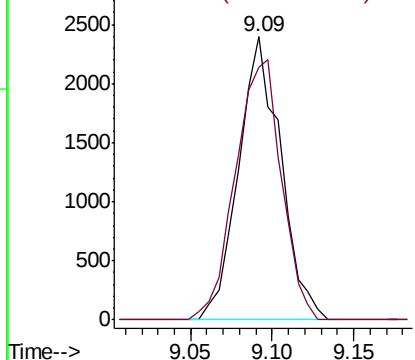
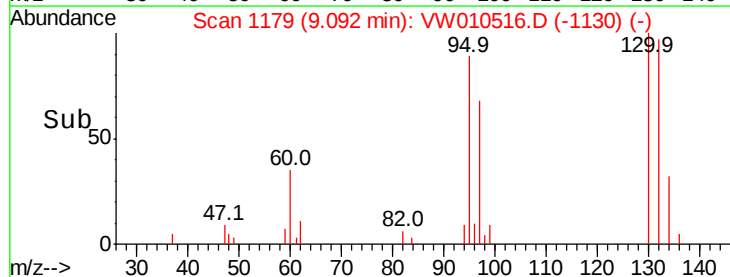


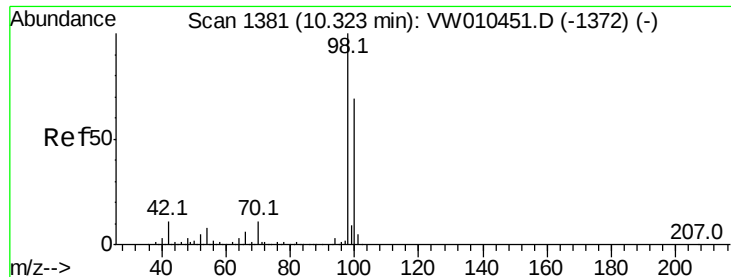
#44
 Trichloroethene
 Concen: 2.500 ug/l
 RT: 9.09 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: VW010516.D
 Acq: 22 May 2019 17:51

Tgt Ion:130 Resp: 4302
 Ion Ratio Lower Upper
 130 100
 95 89.3 0.0 189.6



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 22.193 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010516.D

Acq: 22 May 2019 17:51

Instrument :

MSVOA_W

ClientSampleId :

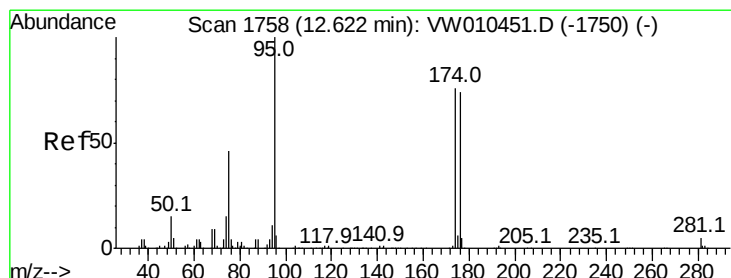
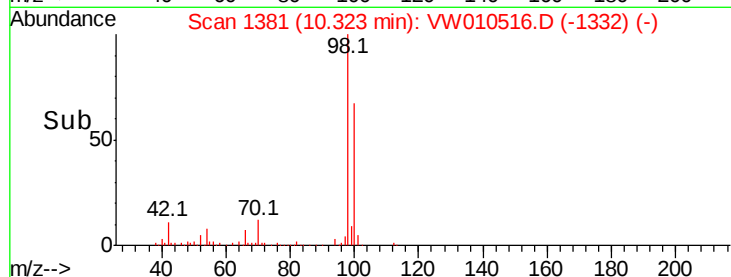
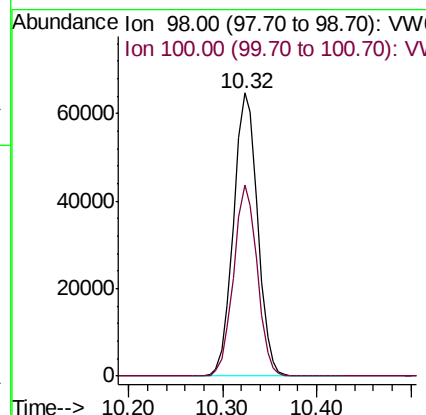
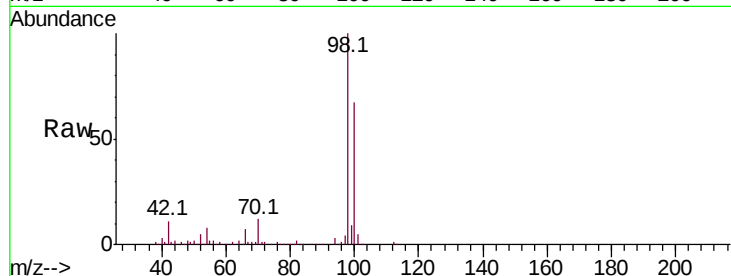
23-C7-20190417

Tot Ion: 98 Resp: 115153

Ion Ratio Lower Upper

98 100

100 66.0 53.7 80.5



#62

4-Bromofluorobenzene

Concen: 20.643 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010516.D

Acq: 22 May 2019 17:51

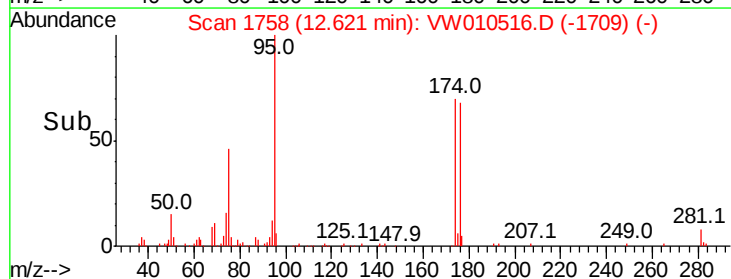
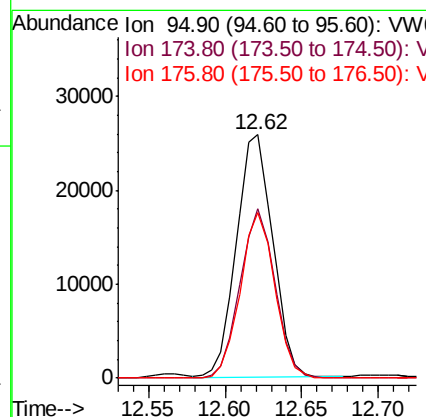
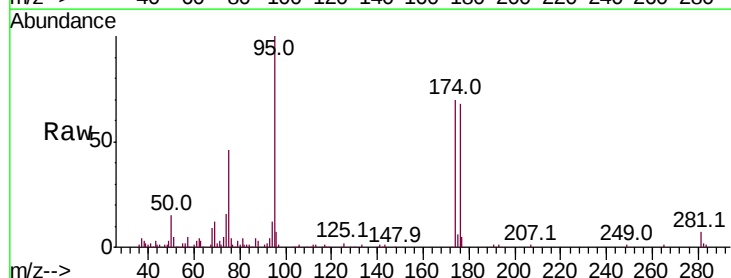
Tgt Ion: 95 Resp: 42664

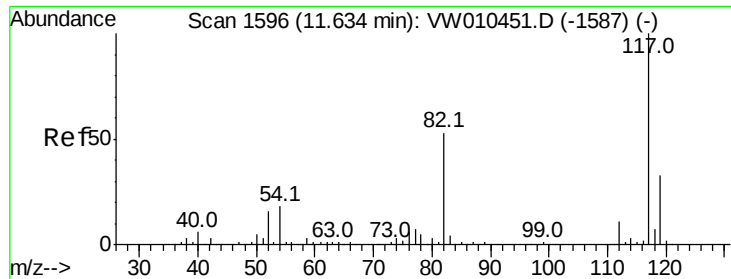
Ion Ratio Lower Upper

95 100

174 67.2 0.0 148.6

176 64.7 0.0 144.2

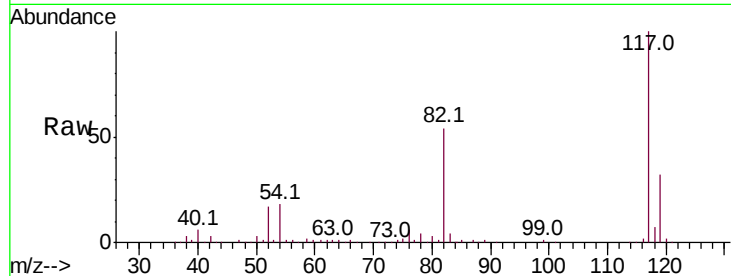




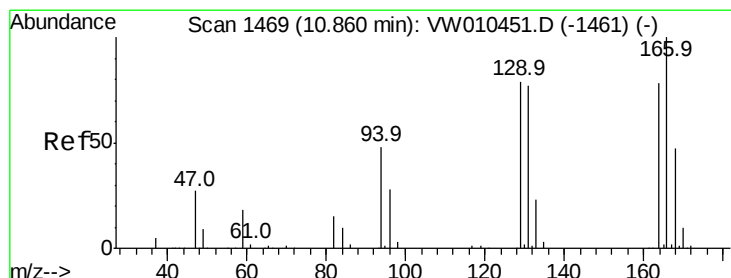
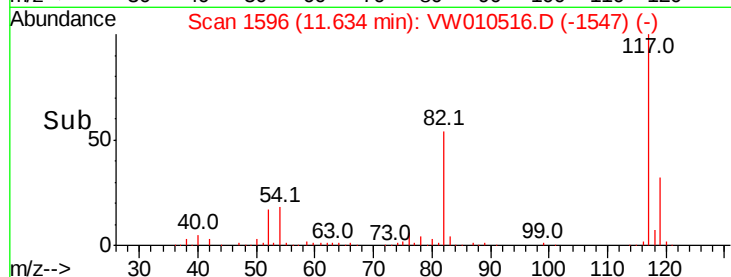
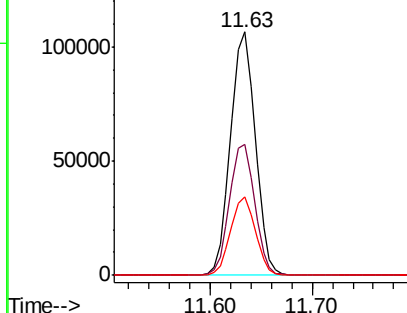
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010516.D
Acq: 22 May 2019 17:51

Instrument :
MSVOA_W
ClientSampleId :
23-C7-20190417

Tot Ion:117 Resp: 179633
Ion Ratio Lower Upper
117 100
82 53.7 42.8 64.2
119 32.2 26.3 39.5

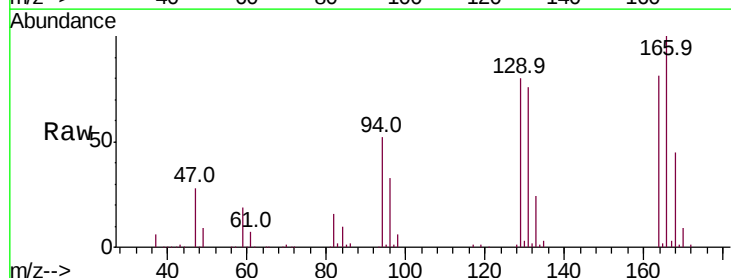


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

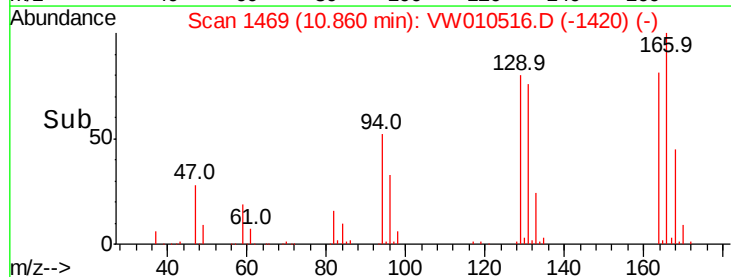
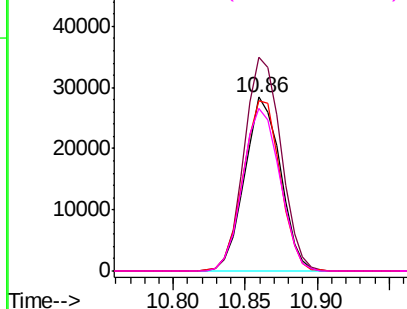


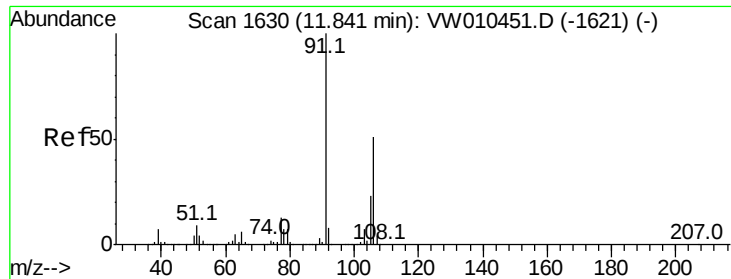
#64
Tetrachloroethene
Concen: 39.131 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW010516.D
Acq: 22 May 2019 17:51

Tgt Ion:164 Resp: 49000
Ion Ratio Lower Upper
164 100
166 123.0 101.9 152.9
129 98.3 80.6 121.0
131 93.9 78.2 117.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

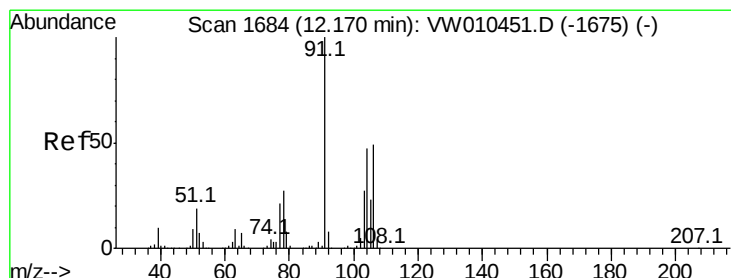
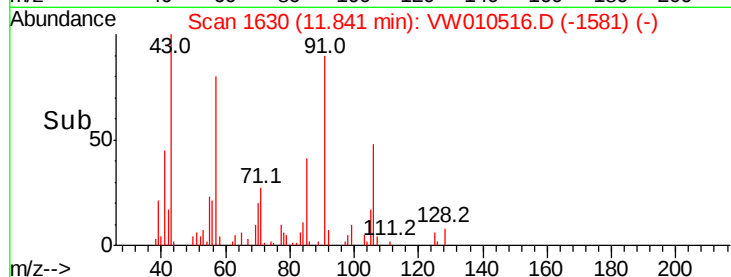
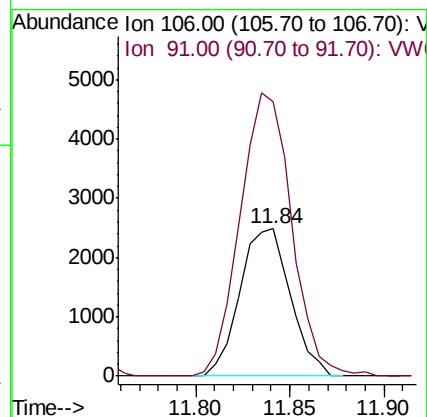
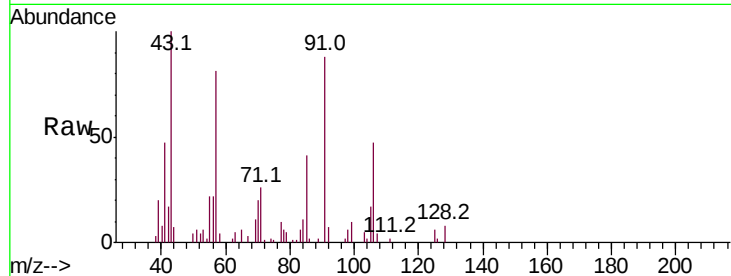




#68
m/p-Xylenes
Concen: 1.742 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW010516.D
Acq: 22 May 2019 17:51

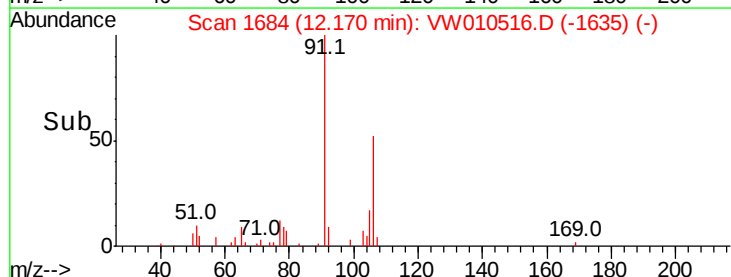
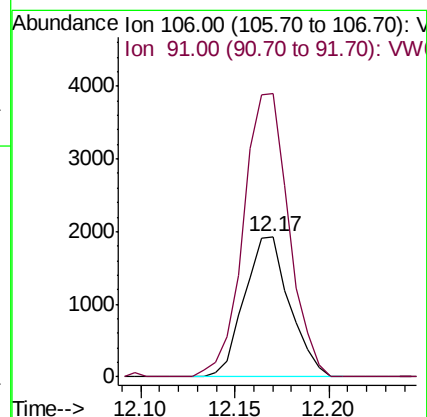
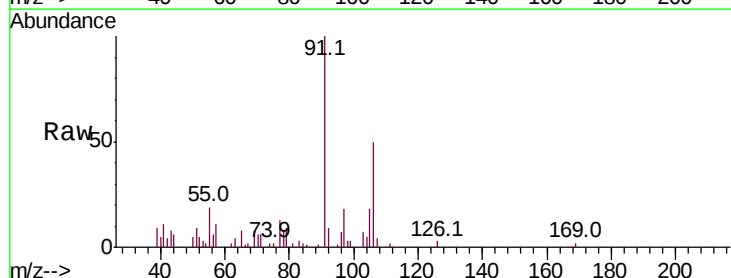
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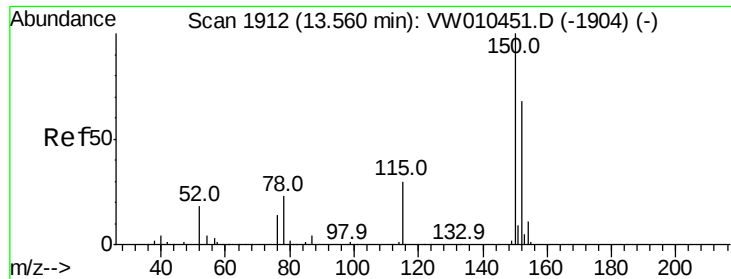
Tot Ion:106 Resp: 4619
Ion Ratio Lower Upper
106 100
91 196.8 156.0 234.0



#69
o-Xylene
Concen: 1.278 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW010516.D
Acq: 22 May 2019 17:51

Tgt Ion:106 Resp: 3209
Ion Ratio Lower Upper
106 100
91 203.1 103.2 309.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW010516.D

Acq: 22 May 2019 17:51

Instrument :

MSVOA_W

ClientSampleId :

23-C7-20190417

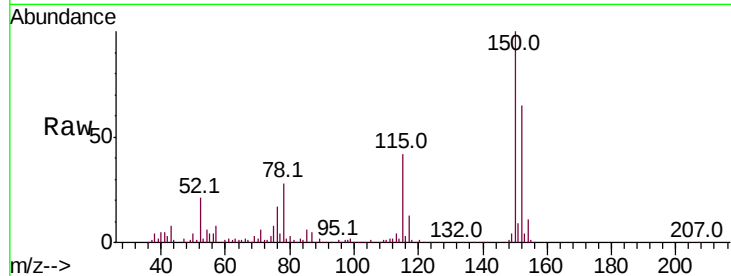
Tot Ion:152 Resp: 66760

Ion Ratio Lower Upper

152 100

115 66.8 30.3 91.0

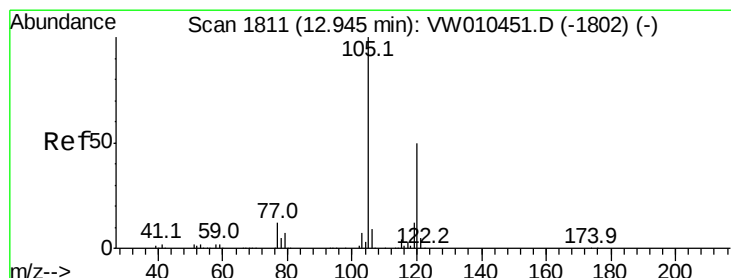
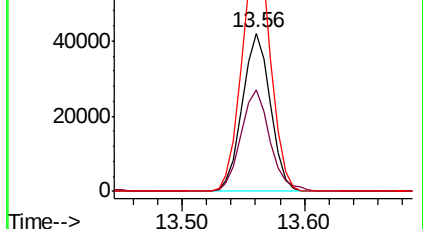
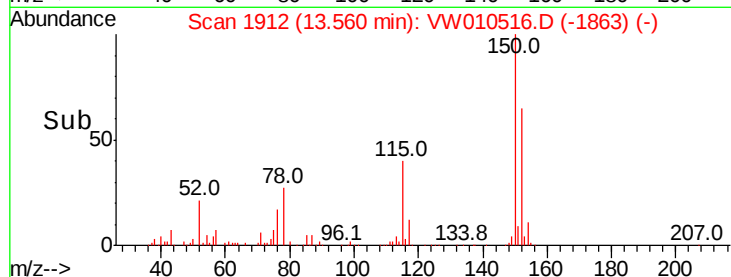
150 155.8 0.0 349.8



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: 4.457 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW010516.D

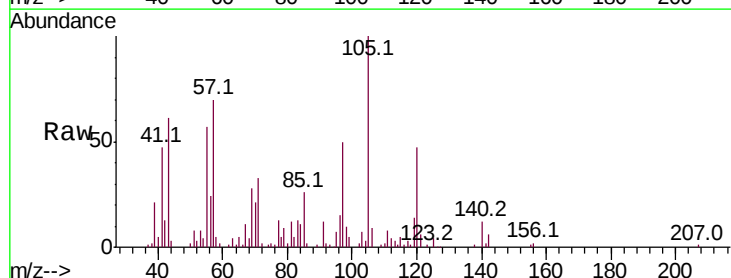
Acq: 22 May 2019 17:51

Tgt Ion:105 Resp: 19998

Ion Ratio Lower Upper

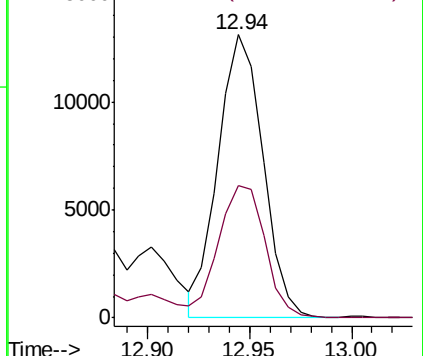
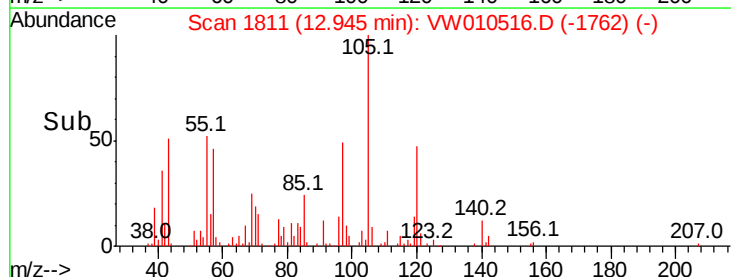
105 100

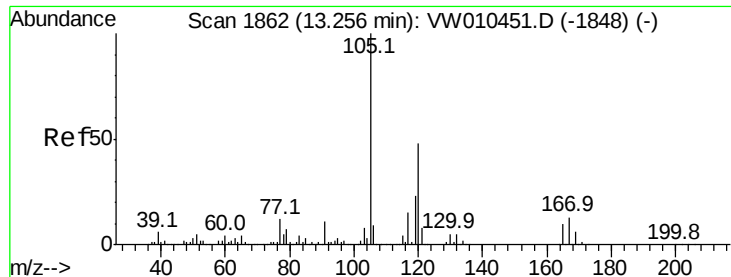
120 48.6 25.2 75.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

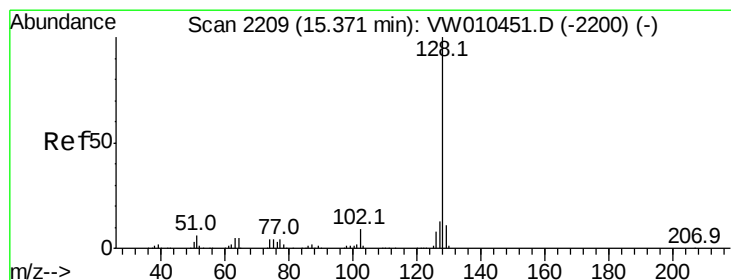
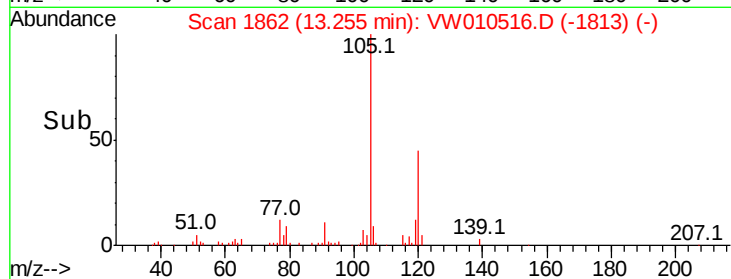
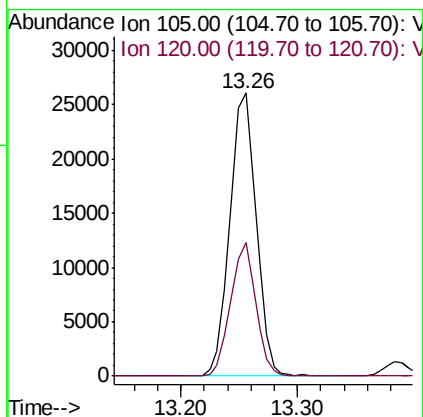
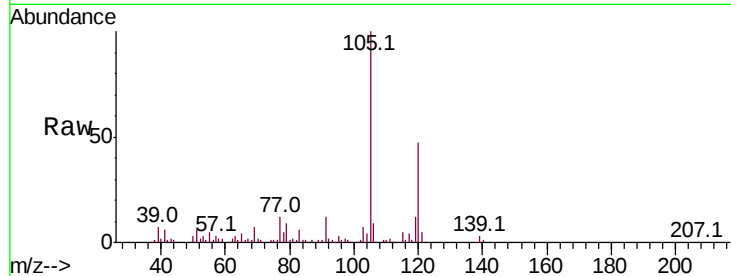




#84
 1,2,4-Trimethylbenzene
 Concen: 9.273 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW010516.D
 Acq: 22 May 2019 17:51

Instrument :
 MSVOA_W
 ClientSampleId :
 23-C7-20190417

Tot Ion:105 Resp: 41439
 Ion Ratio Lower Upper
 105 100
 120 45.0 23.4 70.2



#95
 Naphthalene
 Concen: 2.706 ug/l
 RT: 15.37 min Scan# 2209
 Delta R.T. -0.00 min
 Lab File: VW010516.D
 Acq: 22 May 2019 17:51

Tgt Ion:128 Resp: 8190
 Ion Ratio Lower Upper
 128 100
 127 15.0 10.6 15.8
 129 12.3 8.9 13.3

