

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012919\
 Data File : VW008452.D
 Acq On : 29 Jan 2019 15:38
 Operator : SY/VA
 Sample : K1008-03
 Misc : 5.51G/6ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 HD-01-012819

Quant Time: Jan 30 03:32:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 25 11:07:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	386054	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	632139	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	515928	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	197050	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	200130	52.77	ug/l	0.00
Spiked Amount			Recovery	=	105.54%	
35) Dibromofluoromethane	7.88	113	197878	53.53	ug/l	0.00
Spiked Amount			Recovery	=	107.06%	
50) Toluene-d8	10.32	98	715111	48.25	ug/l	0.00
Spiked Amount			Recovery	=	96.50%	
62) 4-Bromofluorobenzene	12.62	95	229172	40.22	ug/l	0.00
Spiked Amount			Recovery	=	80.44%	

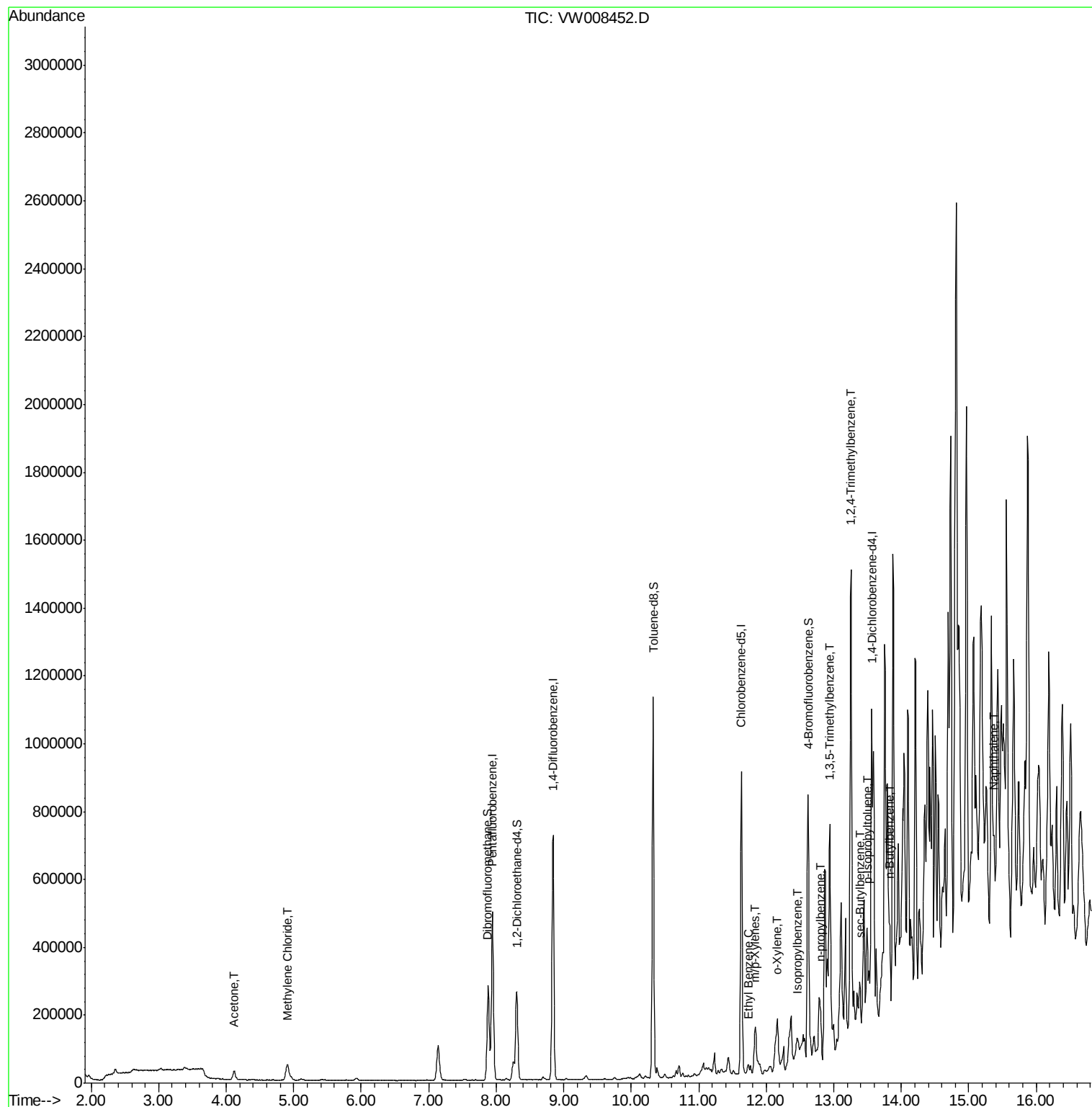
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	43941	51.593	ug/l	100
20) Methylene Chloride	4.90	84	39283	10.007	ug/l #	90
67) Ethyl Benzene	11.74	91	20225	1.045	ug/l	99
68) m/p-Xylenes	11.83	106	33737	4.491	ug/l	98
69) o-Xylene	12.16	106	35473	4.970	ug/l	96
73) Isopropylbenzene	12.46	105	21112	1.437	ug/l	99
78) n-propylbenzene	12.80	91	100053	5.671	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	167584	13.648	ug/l	96
84) 1,2,4-Trimethylbenzene	13.26	105	752596	60.302	ug/l	100
85) sec-Butylbenzene	13.38	105	68170	4.369	ug/l	87
86) p-Isopropyltoluene	13.50	119	54356	3.977	ug/l	98
89) n-Butylbenzene	13.83	91	131529	9.800	ug/l #	80
95) Naphthalene	15.37	128	113356	15.780	ug/l #	95

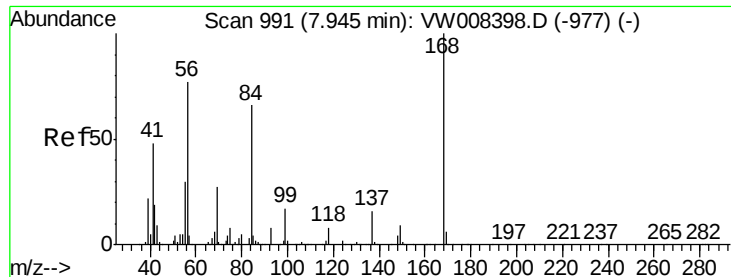
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW008452.D

Acq: 29 Jan 2019 15:38

Instrument :

MSVOA_W

ClientSampleId :

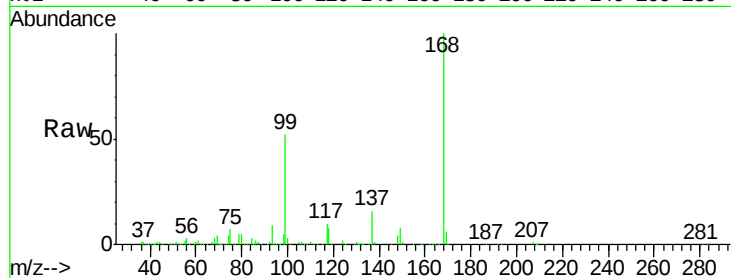
HD-01-012819

Tot Ion:168 Resp: 386054

Ion Ratio Lower Upper

168 100

99 52.5 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

200000

150000

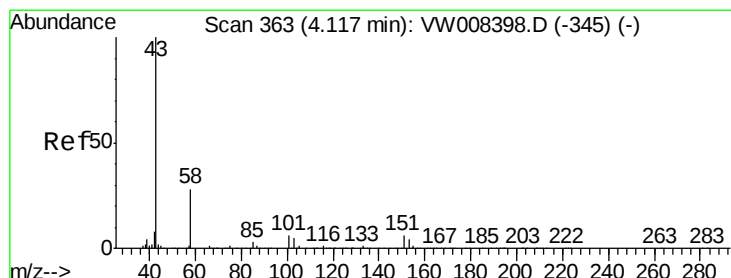
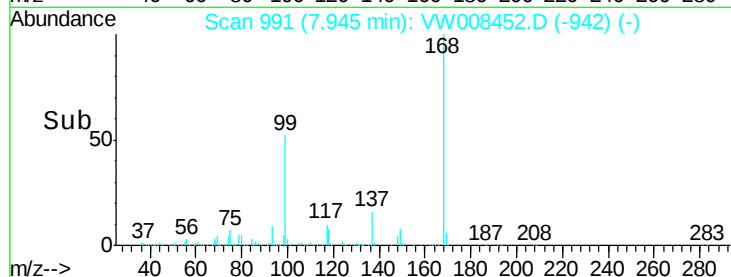
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50000

0

7.90 8.00

Time-->



#16

Acetone

Concen: 51.593 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW008452.D

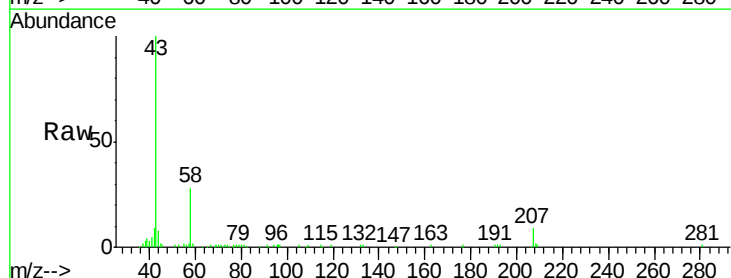
Acq: 29 Jan 2019 15:38

Tgt Ion: 43 Resp: 43941

Ion Ratio Lower Upper

43 100

58 28.3 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

15000

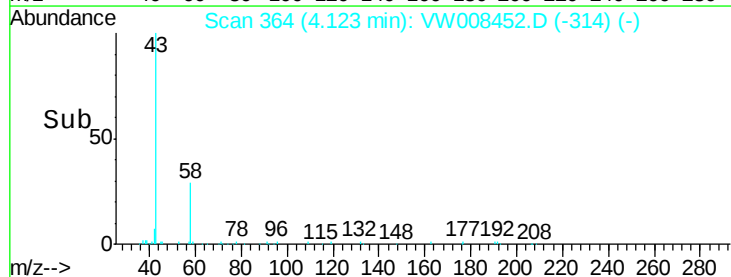
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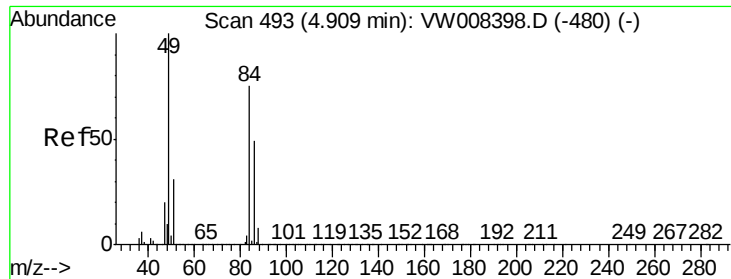
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0

4.00 4.10 4.20

Time-->

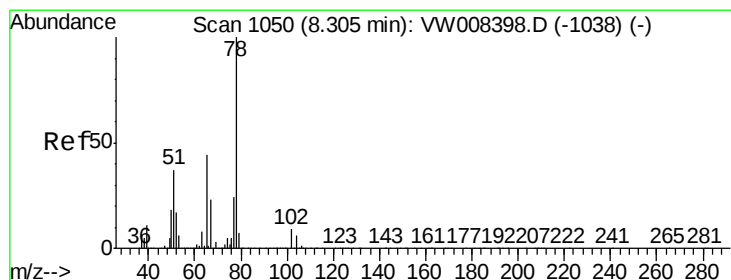
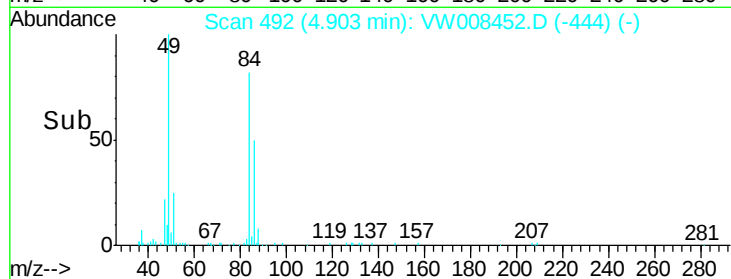
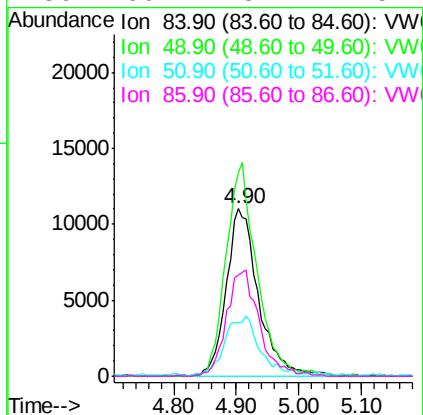
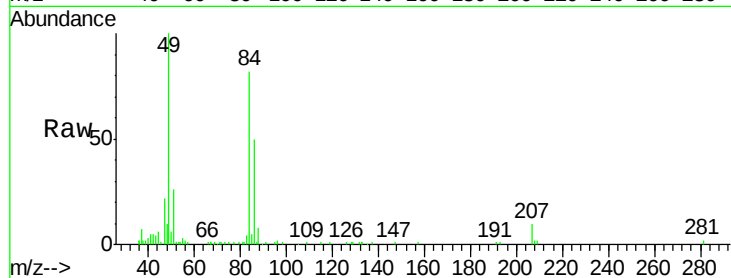




#20
Methvlene Chloride
Concen: 10.007 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW008452.D
Acq: 29 Jan 2019 15:38

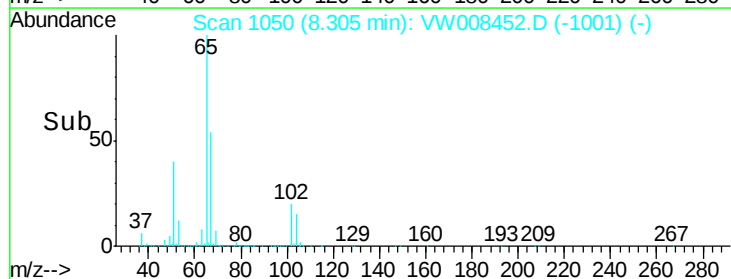
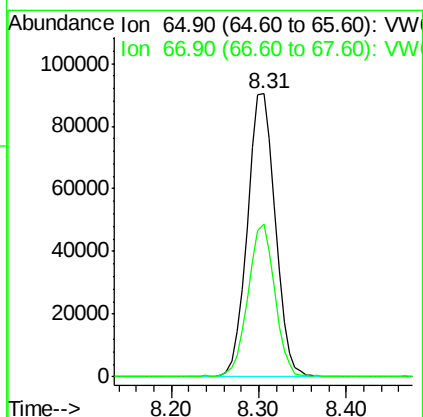
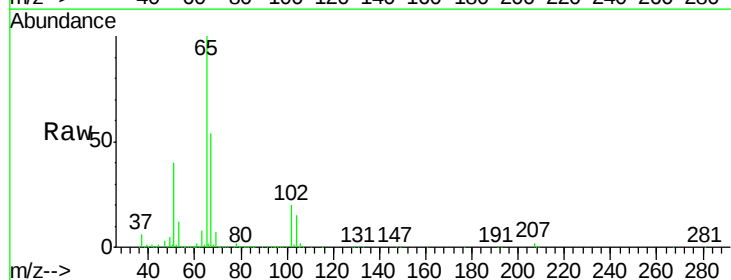
Instrument :
MSVOA_W
ClientSampleId :
HD-01-012819

Tot Ion: 84 Resp: 39283
Ion Ratio Lower Upper
84 100
49 121.6 106.8 160.2
51 32.2 32.9 49.3#
86 60.4 52.2 78.2



#33
1,2-Dichloroethane-d4
Concen: 52.768 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW008452.D
Acq: 29 Jan 2019 15:38

Tgt Ion: 65 Resp: 200130
Ion Ratio Lower Upper
65 100
67 51.5 0.0 104.0

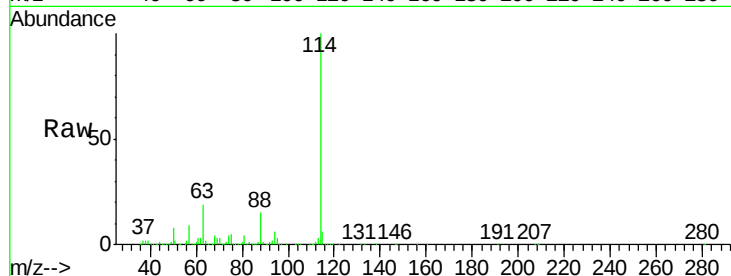




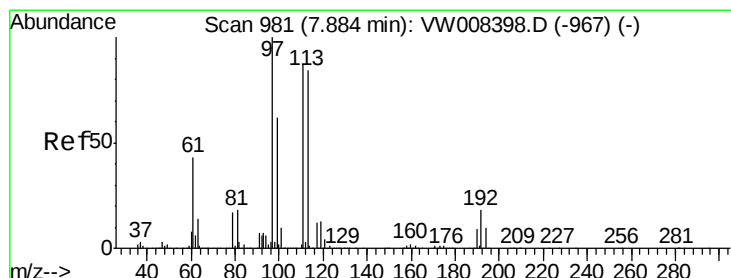
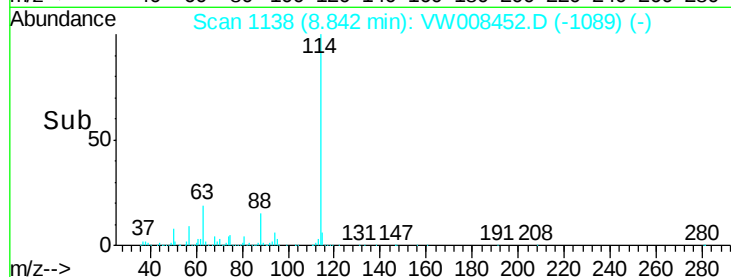
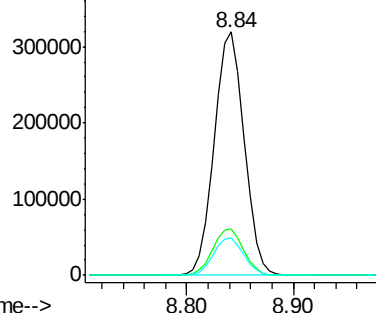
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW008452.D
Acq: 29 Jan 2019 15:38

Instrument :
MSVOA_W
ClientSampleId :
HD-01-012819

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	43.6
88	15.2	0.0	31.8

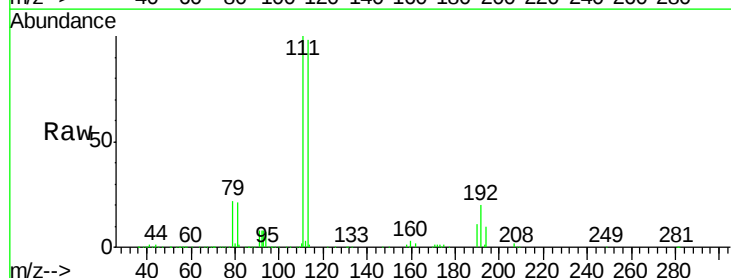


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

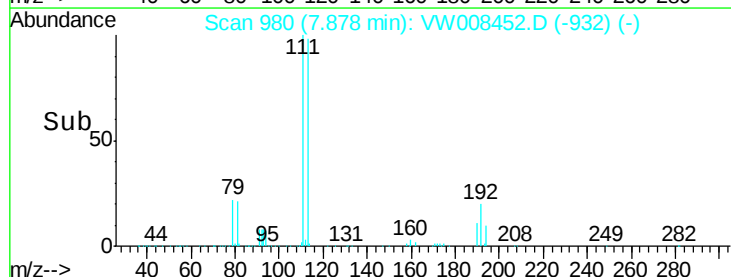
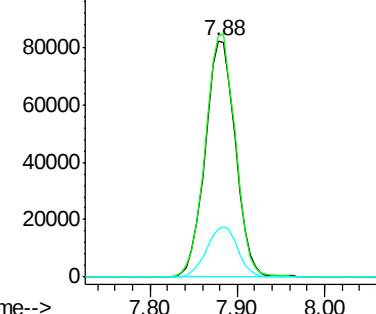


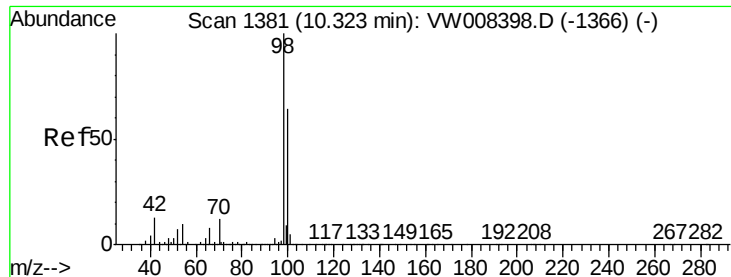
#35
Dibromofluoromethane
Concen: 53.534 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.01 min
Lab File: VW008452.D
Acq: 29 Jan 2019 15:38

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.0	121.4
192	21.9	16.8	25.2



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: 48.245 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008452.D

Acq: 29 Jan 2019 15:38

Instrument :

MSVOA_W

ClientSampleId :

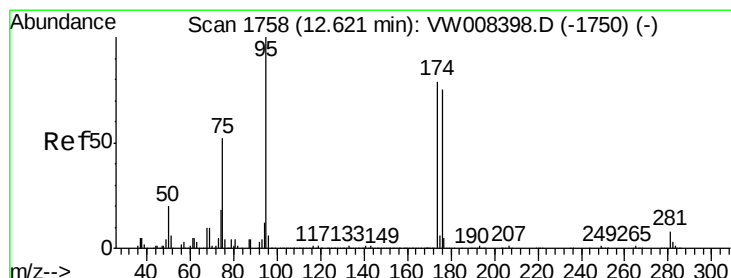
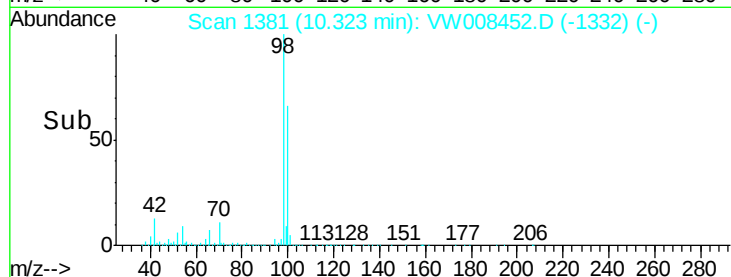
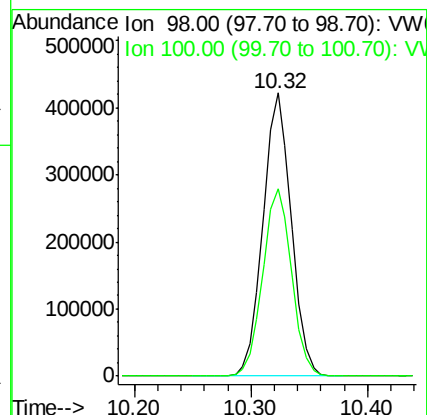
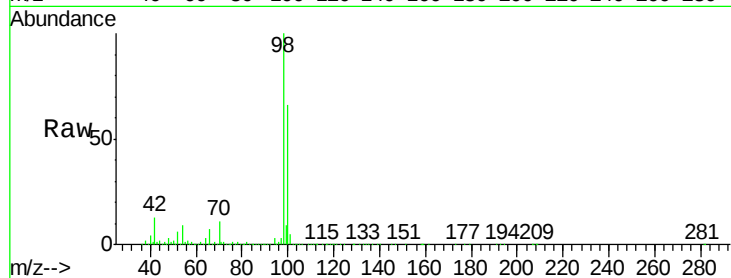
HD-01-012819

Tot Ion: 98 Resp: 715111

Ion Ratio Lower Upper

98 100

100 67.3 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 40.223 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008452.D

Acq: 29 Jan 2019 15:38

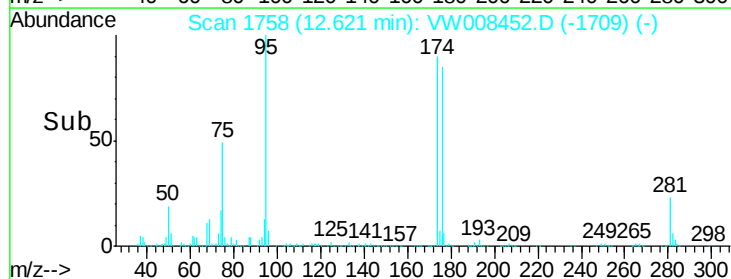
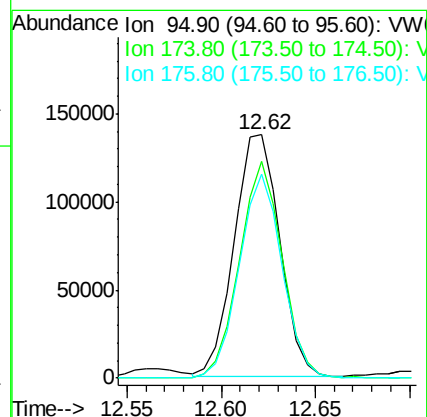
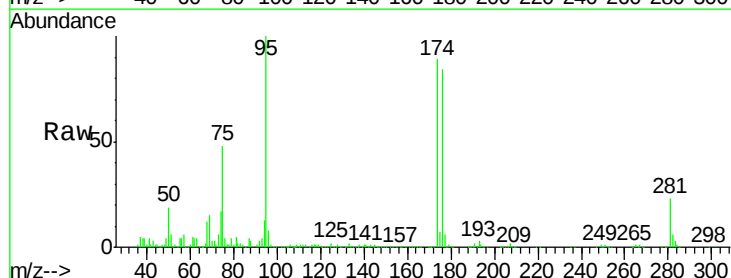
Tgt Ion: 95 Resp: 229172

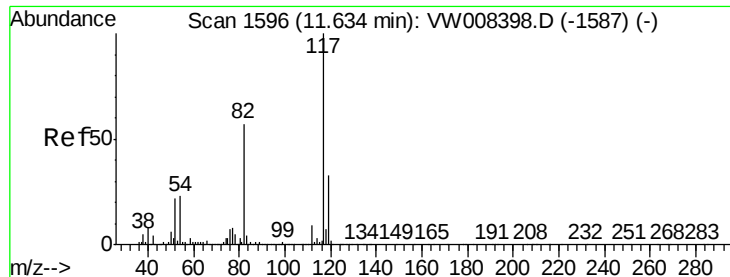
Ion Ratio Lower Upper

95 100

174 84.1 0.0 157.6

176 79.6 0.0 151.8

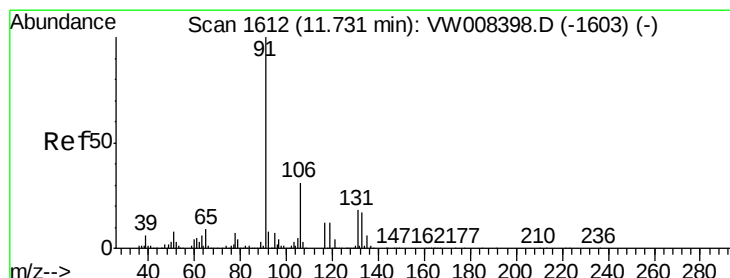
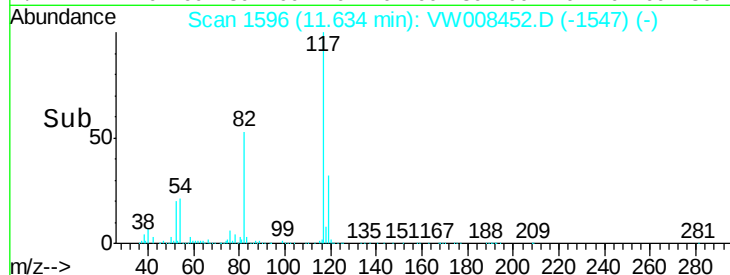
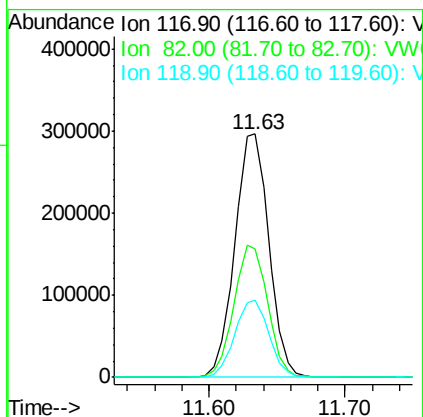
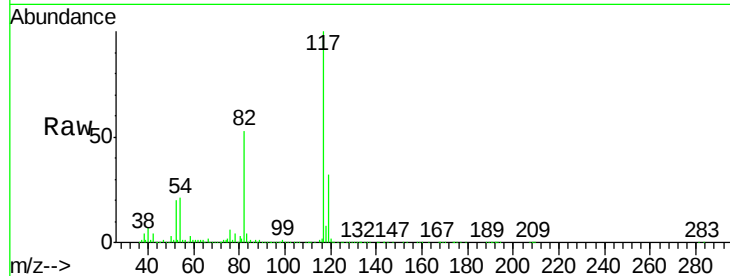




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008452.D
Acq: 29 Jan 2019 15:38

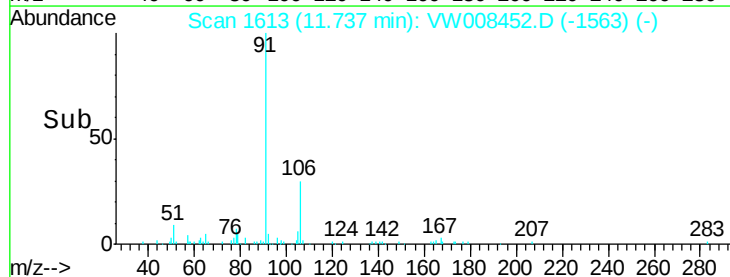
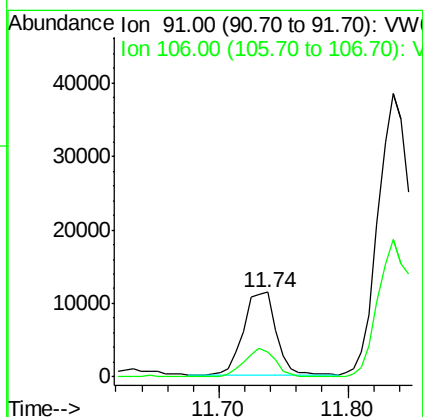
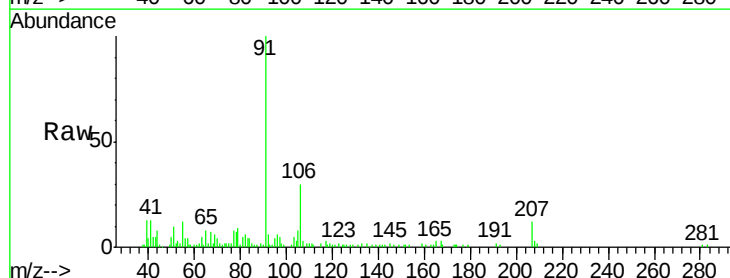
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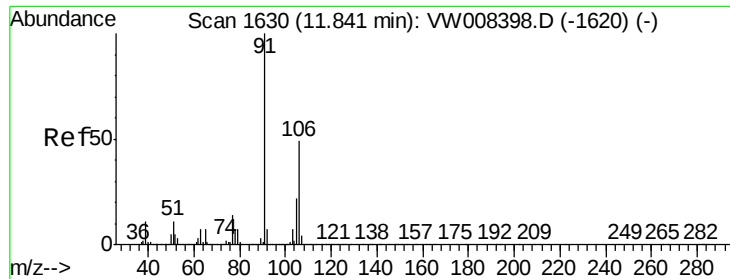
Tot Ion:117 Resp: 515928
Ion Ratio Lower Upper
117 100
82 52.4 45.4 68.0
119 31.6 26.2 39.4



#67
Ethyl Benzene
Concen: 1.045 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.01 min
Lab File: VW008452.D
Acq: 29 Jan 2019 15:38

Tgt Ion: 91 Resp: 20225
Ion Ratio Lower Upper
91 100
106 30.5 24.7 37.1

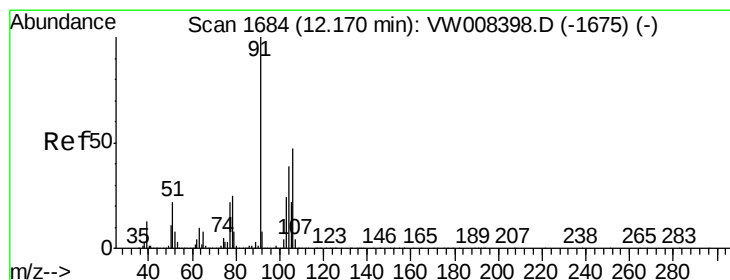
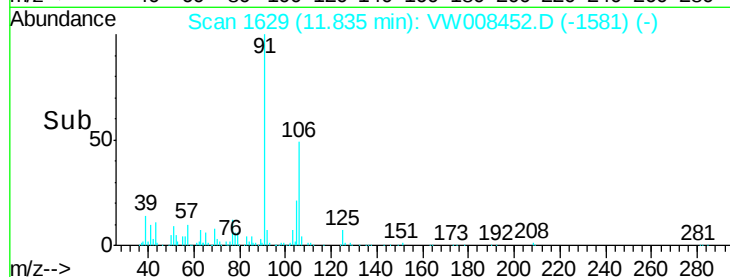
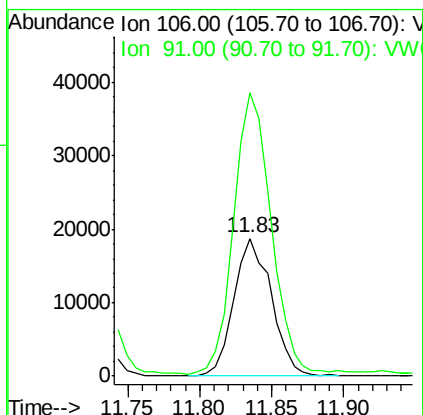
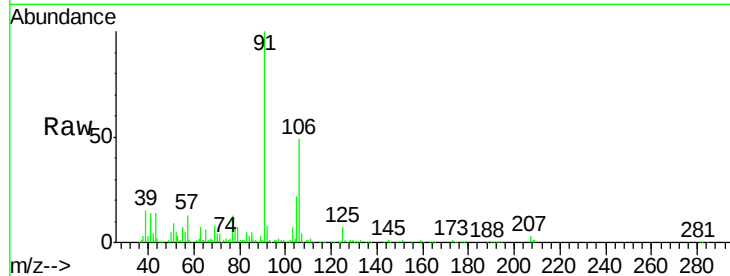




#68
m/p-Xylenes
Concen: 4.491 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW008452.D
Acq: 29 Jan 2019 15:38

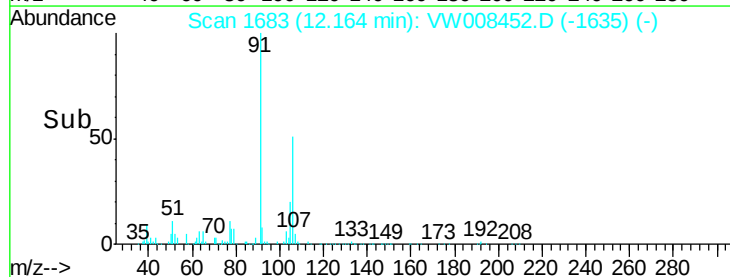
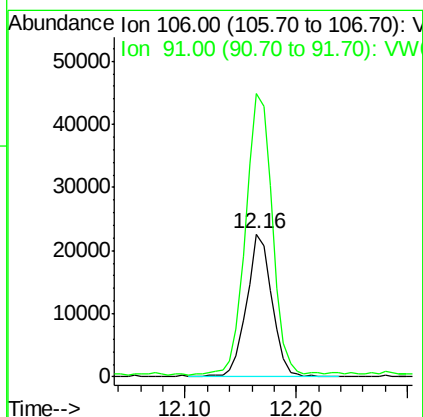
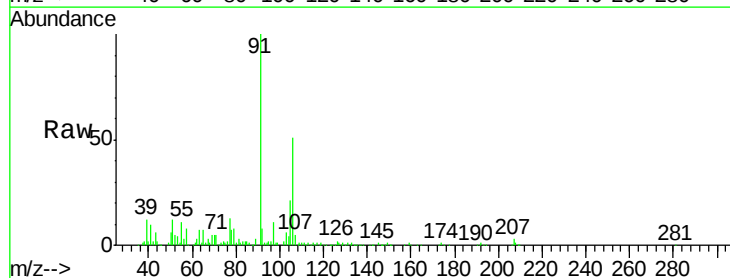
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HD-01-012819

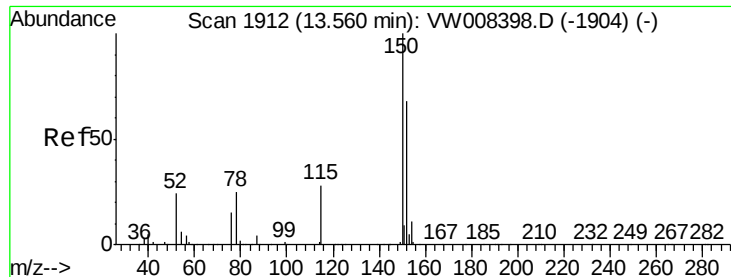
Tot Ion:106 Resp: 33737
Ion Ratio Lower Upper
106 100
91 206.3 162.9 244.3



#69
o-Xylene
Concen: 4.970 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW008452.D
Acq: 29 Jan 2019 15:38

Tgt Ion:106 Resp: 35473
Ion Ratio Lower Upper
106 100
91 208.3 107.5 322.4



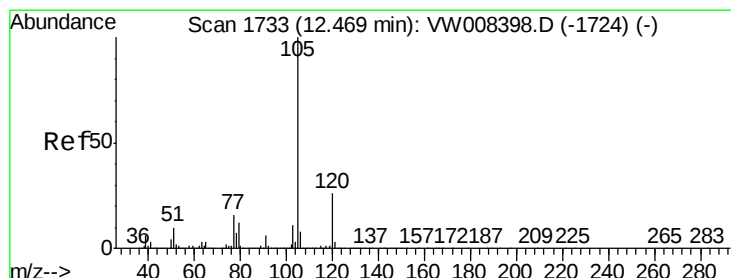
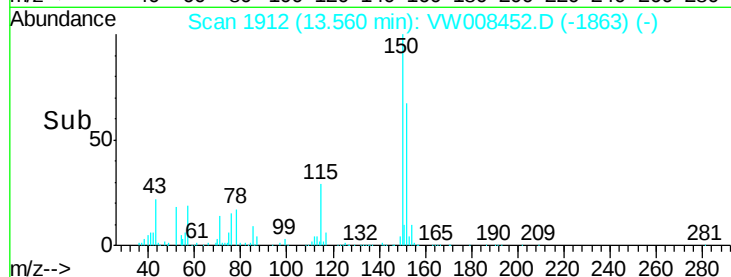
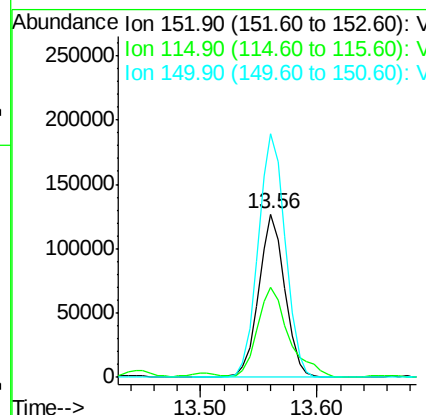
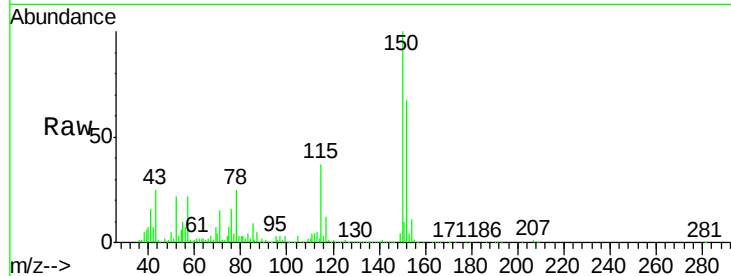


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008452.D
Acq: 29 Jan 2019 15:38

Instrument :
MSVOA_W
ClientSampleId :
HD-01-012819

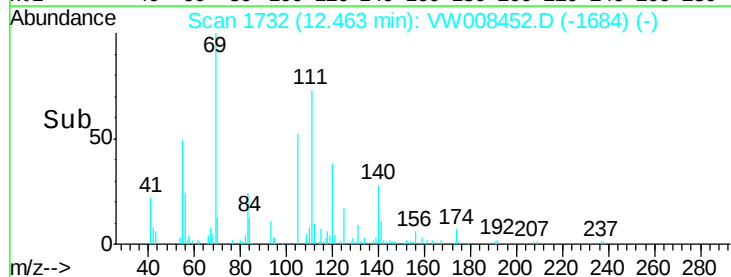
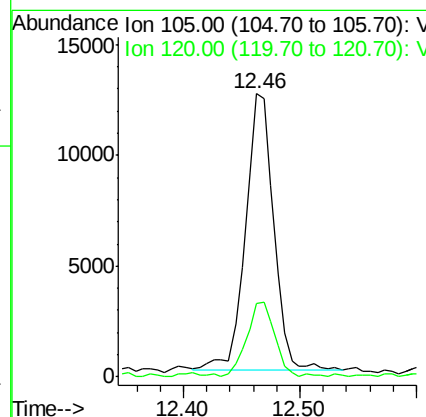
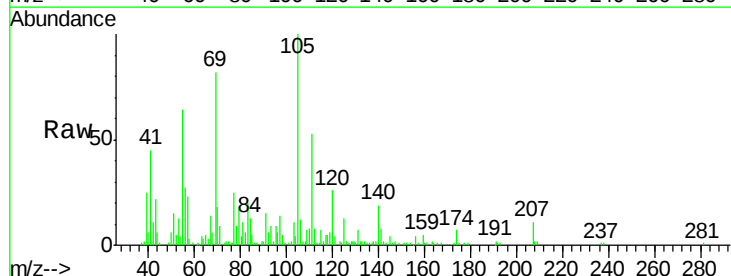
Tot Ion:152 Resp: 197050
Ion Ratio Lower Upper
152 100
115 65.3 29.9 89.7
150 155.6 0.0 351.4

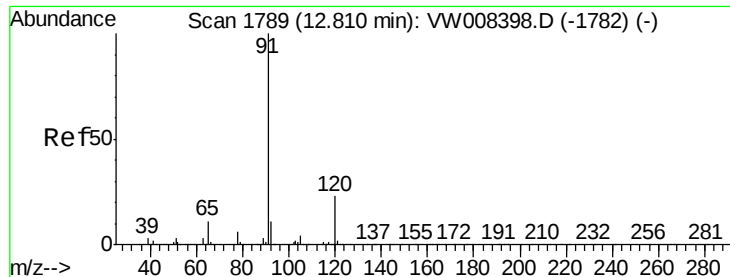


#73

Isopropylbenzene
Concen: 1.437 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. -0.01 min
Lab File: VW008452.D
Acq: 29 Jan 2019 15:38

Tgt Ion:105 Resp: 21112
Ion Ratio Lower Upper
105 100
120 27.3 13.3 39.8





#78

n-propylbenzene

Concen: 5.671 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VW008452.D

Acq: 29 Jan 2019 15:38

Instrument :

MSVOA_W

ClientSampleId :

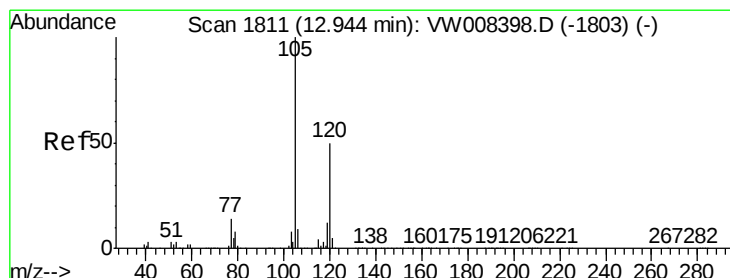
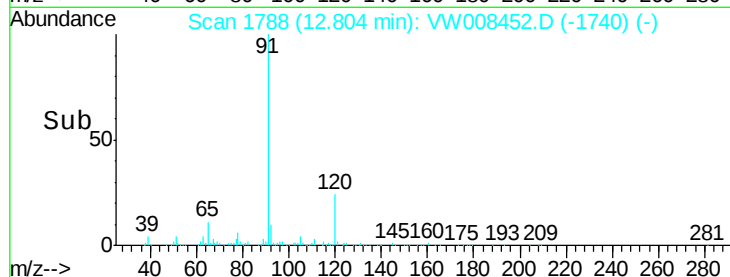
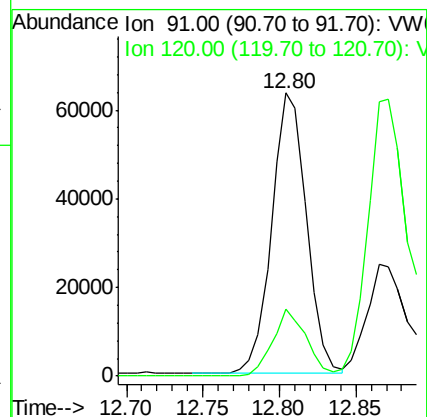
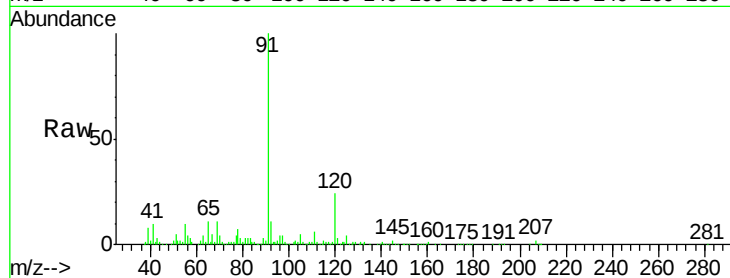
HD-01-012819

Tot Ion: 91 Resp: 100053

Ion Ratio Lower Upper

91 100

120 22.4 11.4 34.1



#80

1,3,5-Trimethylbenzene

Concen: 13.648 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW008452.D

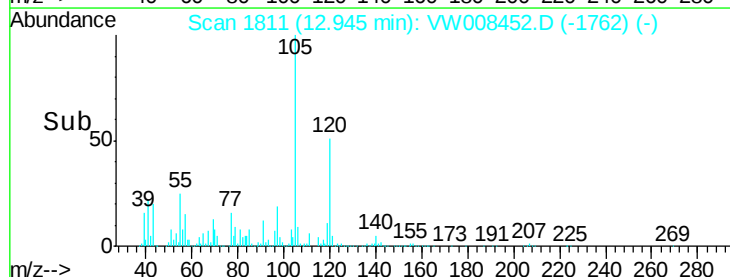
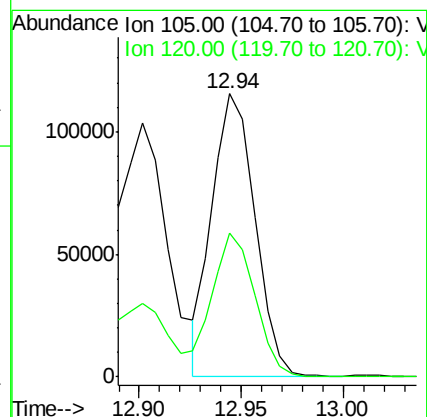
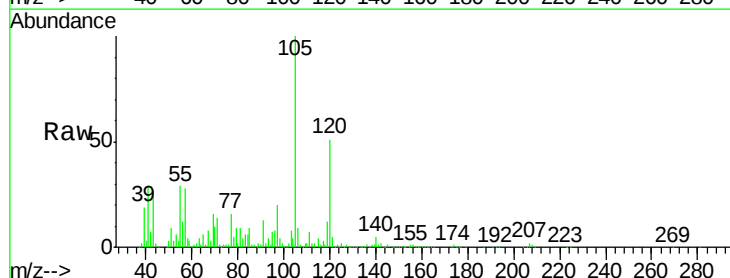
Acq: 29 Jan 2019 15:38

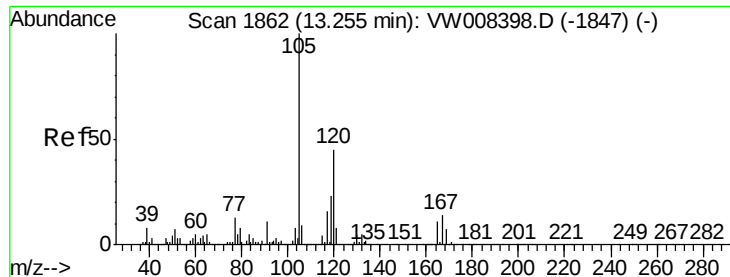
Tgt Ion:105 Resp: 167584

Ion Ratio Lower Upper

105 100

120 52.1 24.6 73.8

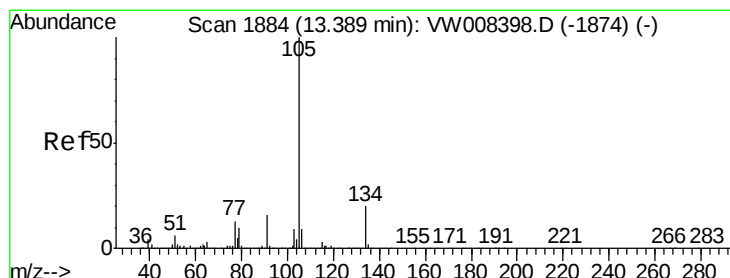
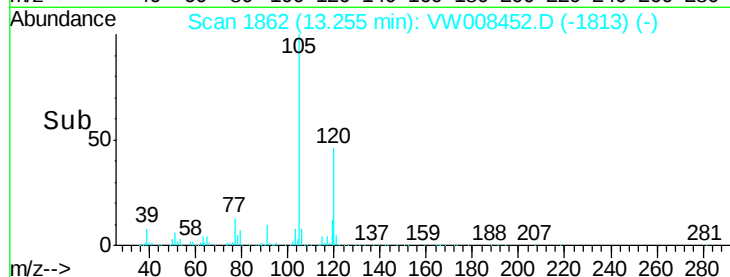
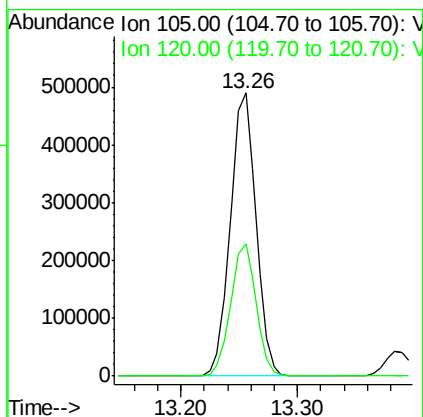
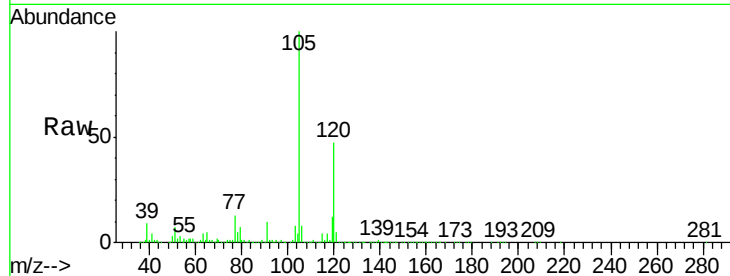




#84
 1,2,4-Trimethylbenzene
 Concen: 60.302 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW008452.D
 Acq: 29 Jan 2019 15:38

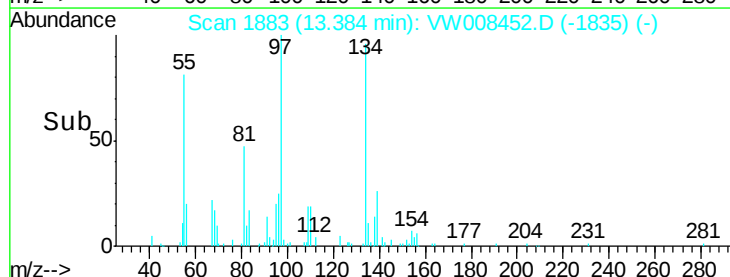
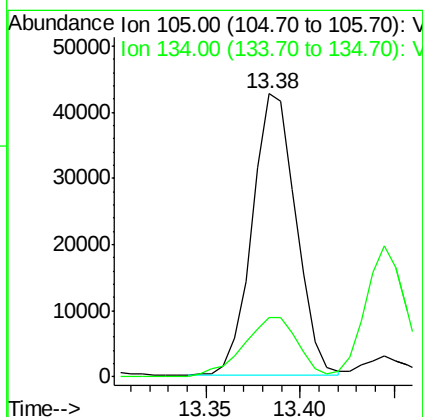
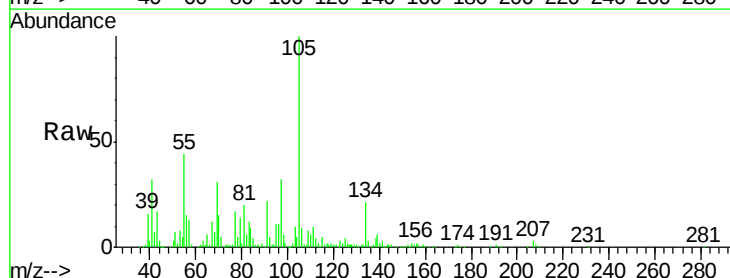
Instrument :
 MSVOA_W
 ClientSampleId :
 HD-01-012819

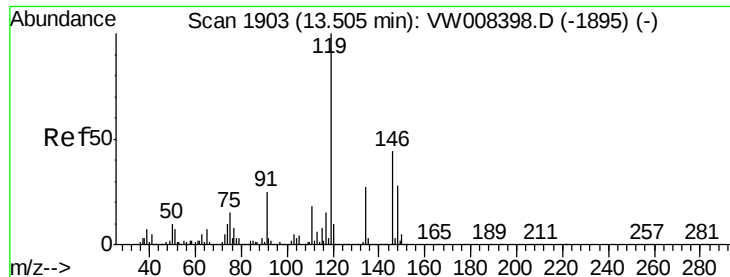
Tot Ion:105 Resp: 752596
 Ion Ratio Lower Upper
 105 100
 120 46.4 23.1 69.2



#85
 sec-Butylbenzene
 Concen: 4.369 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.01 min
 Lab File: VW008452.D
 Acq: 29 Jan 2019 15:38

Tgt Ion:105 Resp: 68170
 Ion Ratio Lower Upper
 105 100
 134 26.4 10.2 30.6

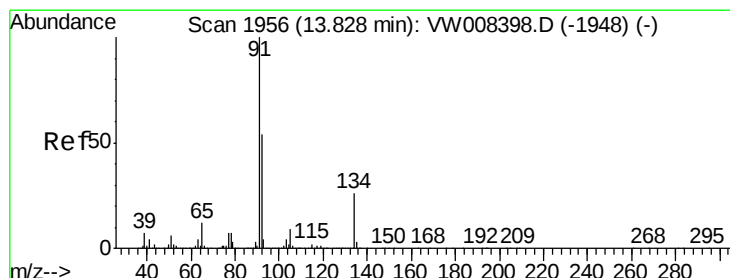
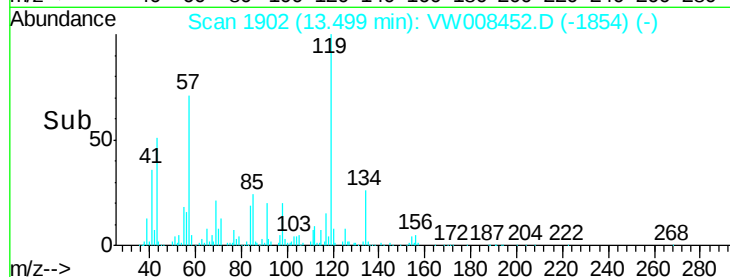
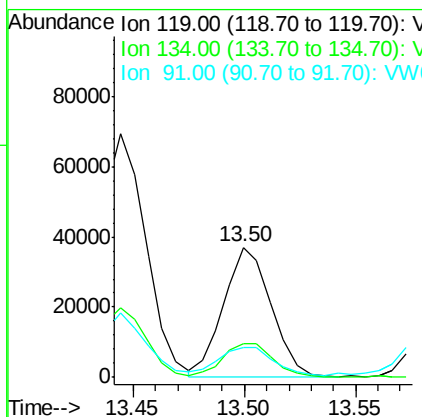
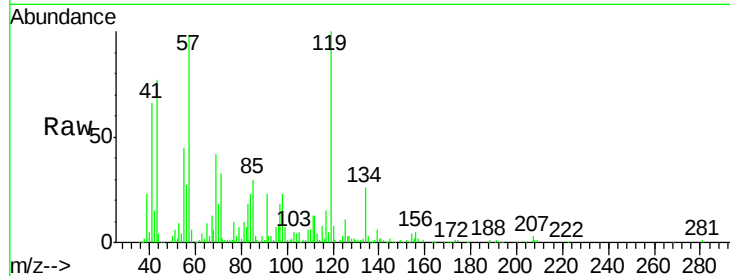




#86
 p-Isopropyltoluene
 Concen: 3.977 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW008452.D
 Acq: 29 Jan 2019 15:38

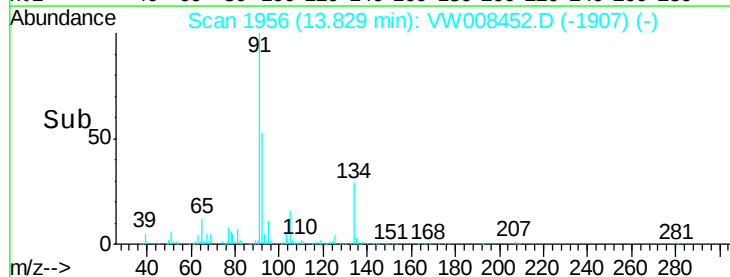
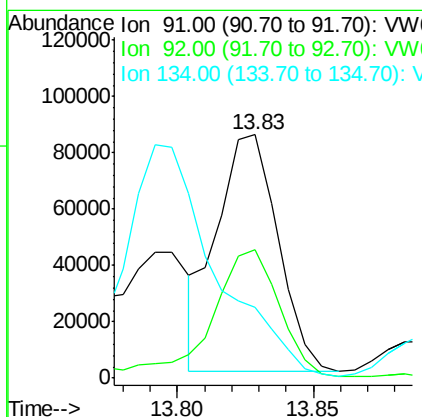
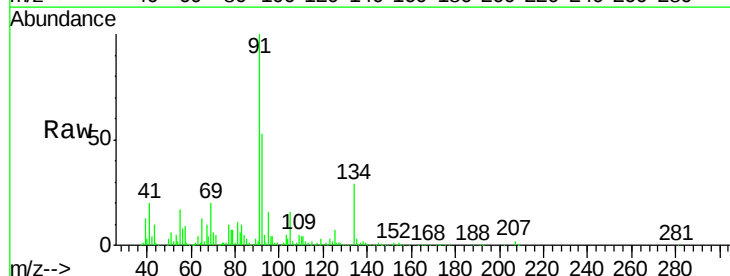
Instrument :
 MSVOA_W
 ClientSampled :
 HD-01-012819

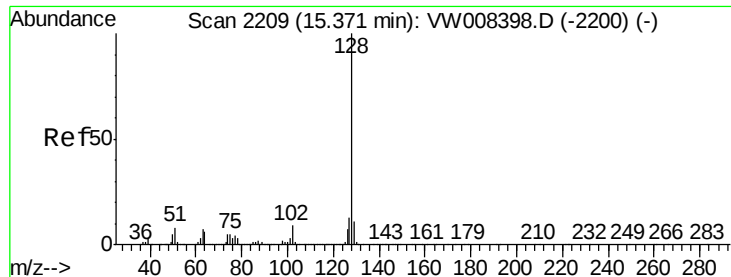
Tot Ion	Ratio	Lower	Upper
119	100		
134	27.6	13.4	40.2
91	24.1	12.6	37.6



#89
 n-Butylbenzene
 Concen: 9.800 ug/l
 RT: 13.83 min Scan# 1956
 Delta R.T. 0.00 min
 Lab File: VW008452.D
 Acq: 29 Jan 2019 15:38

Tgt Ion	Ratio	Lower	Upper
91	100		
92	58.4	27.4	82.2
134	0.0	13.0	39.0





#95

Naphthalene

Concen: 15.780 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW008452.D

Acq: 29 Jan 2019 15:38

Instrument :

MSVOA_W

ClientSampleId :

HD-01-012819

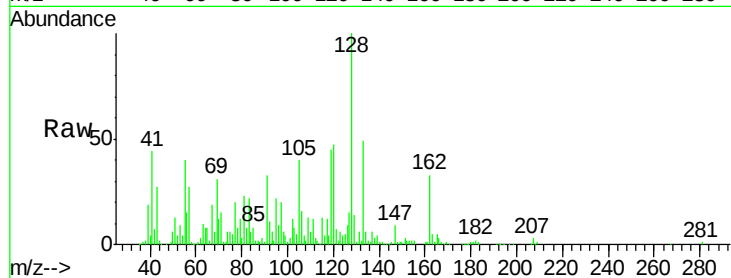
Tot Ion:128 Resp: 113356

Ion Ratio Lower Upper

128 100

127 11.8 10.6 15.8

129 8.4 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

