

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012819\
 Data File : VW008439.D
 Acq On : 28 Jan 2019 15:01
 Operator : SY/VA
 Sample : K1011-11RE
 Misc : 6.96G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 OR-01-012519-BRE

Quant Time: Jan 29 04:46:26 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

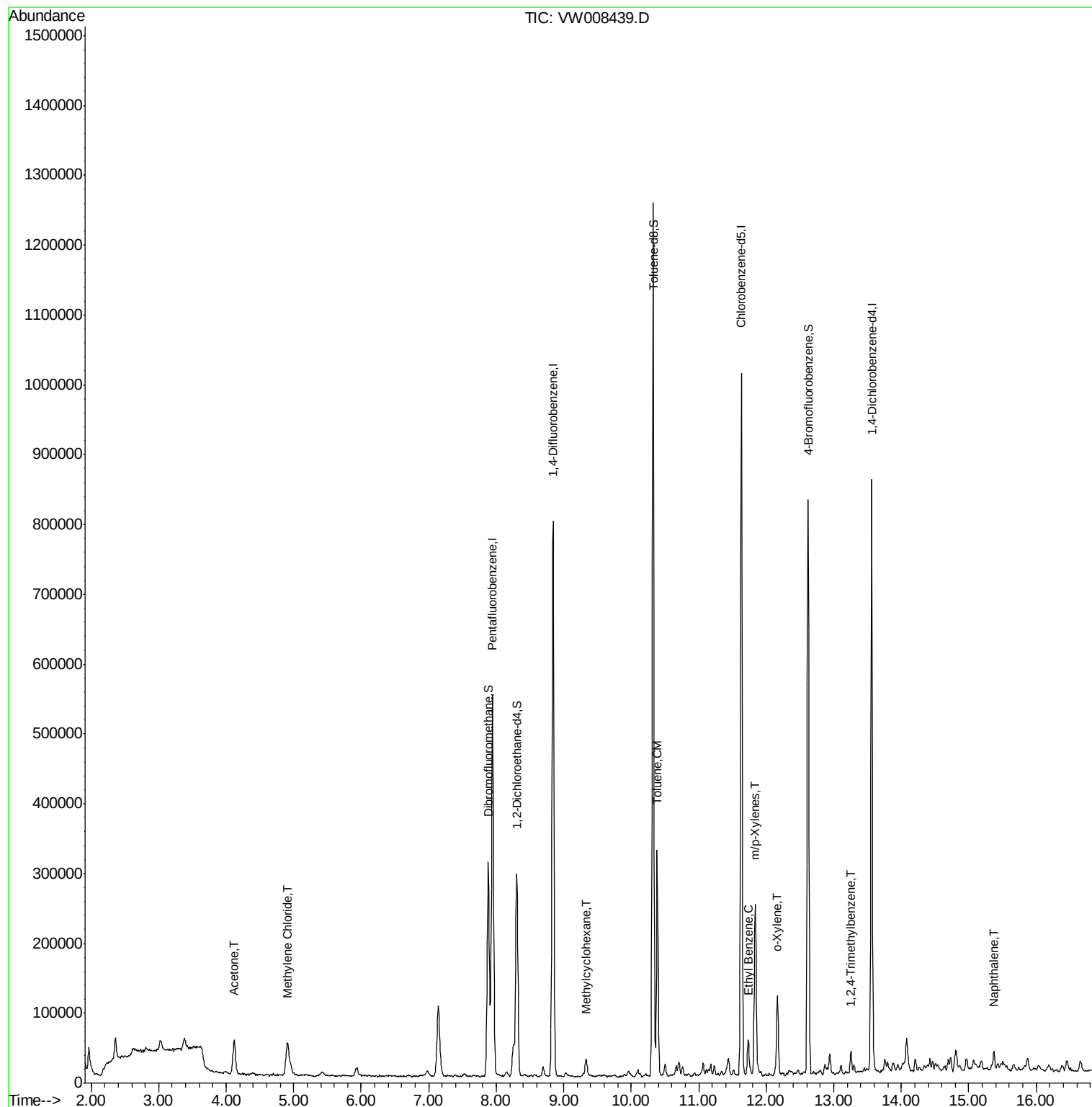
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	425003	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	682341	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	575161	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	219846	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	219655	52.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.22%	
35) Dibromofluoromethane	7.88	113	214324	53.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.44%	
50) Toluene-d8	10.32	98	792828	49.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.10%	
62) 4-Bromofluorobenzene	12.62	95	256719	41.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.48%	
Target Compounds						
					Qvalue	
16) Acetone	4.12	43	83090	88.618	ug/l	99
20) Methylene Chloride	4.90	84	38635	8.940	ug/l	94
39) Methylcyclohexane	9.34	83	10145	1.198	ug/l	90
52) Toluene	10.39	92	143062	12.117	ug/l	97
67) Ethyl Benzene	11.73	91	33267	1.541	ug/l #	87
68) m/p-Xylenes	11.84	106	74439	8.890	ug/l	97
69) o-Xylene	12.16	106	29618	3.723	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	16863	1.211	ug/l	99
95) Naphthalene	15.37	128	22030	2.749	ug/l #	93

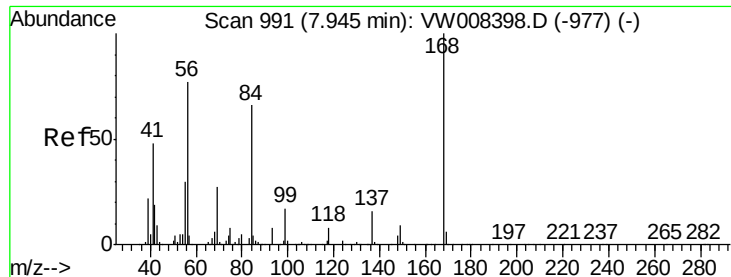
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW008439.D

Acq: 28 Jan 2019 15:01

Instrument :

MSVOA_W

ClientSampleId :

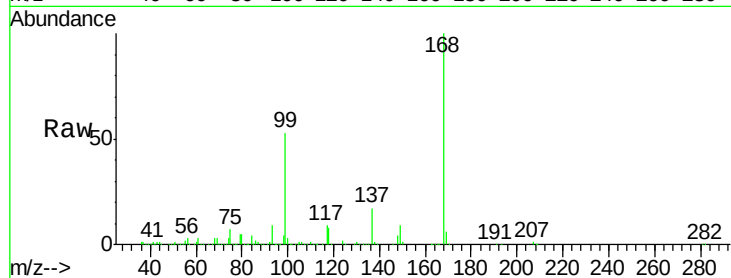
OR-01-012519-BRE

Tot Ion:168 Resp: 425003

Ion Ratio Lower Upper

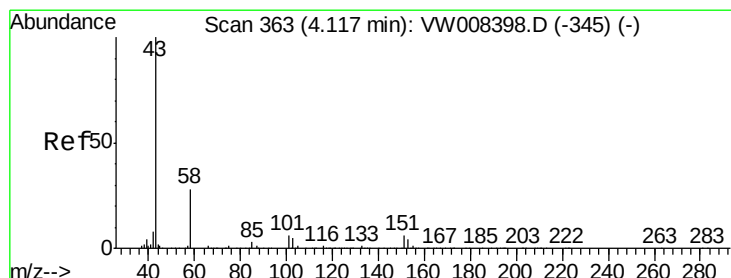
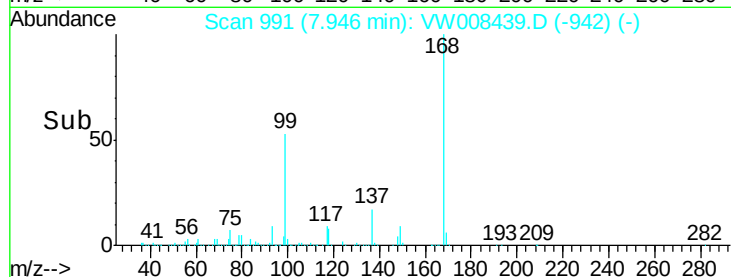
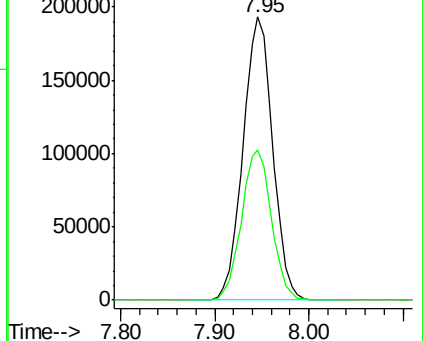
168 100

99 53.3 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 88.618 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW008439.D

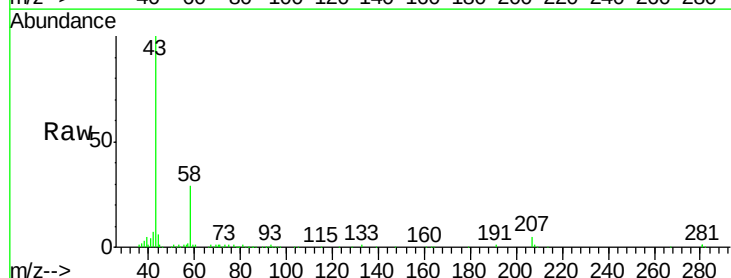
Acq: 28 Jan 2019 15:01

Tgt Ion: 43 Resp: 83090

Ion Ratio Lower Upper

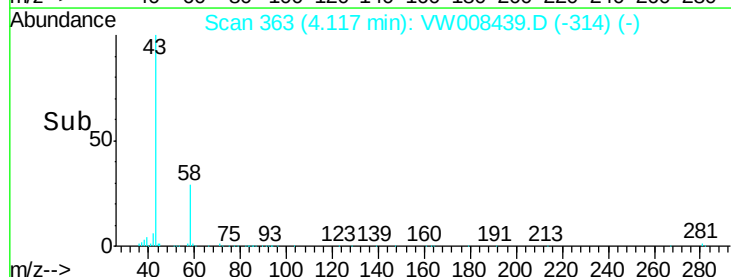
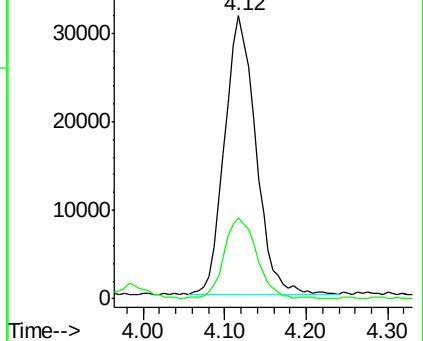
43 100

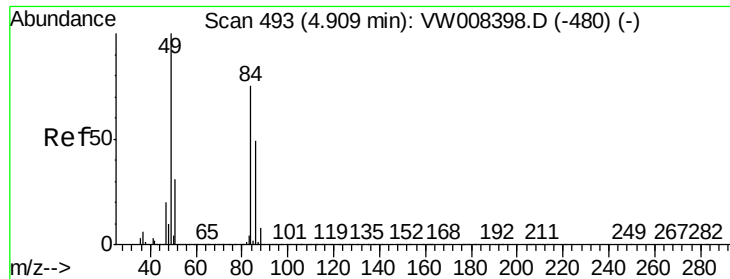
58 28.7 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

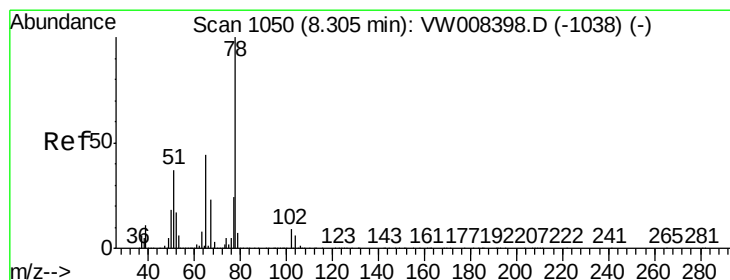
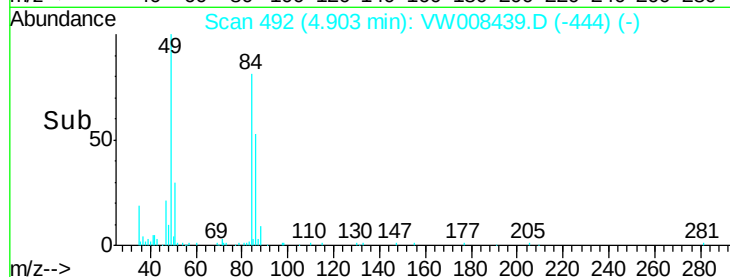
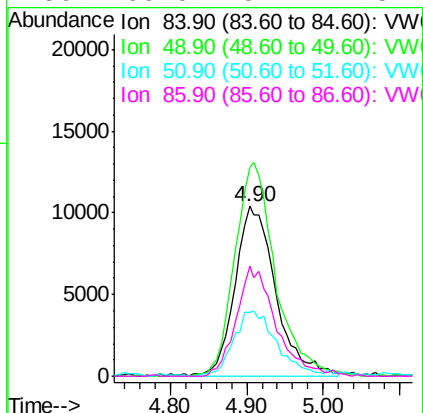
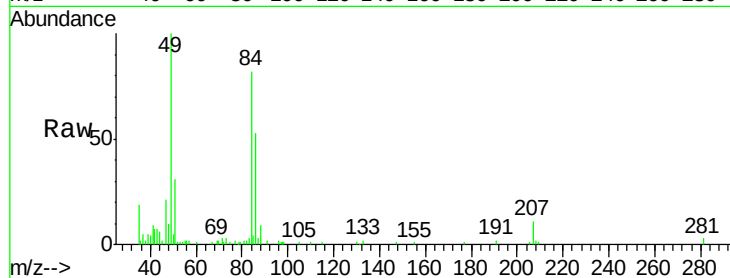




#20
Methylene Chloride
Concen: 8.940 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW008439.D
Acq: 28 Jan 2019 15:01

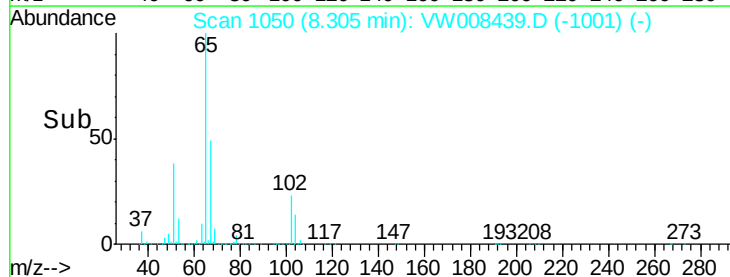
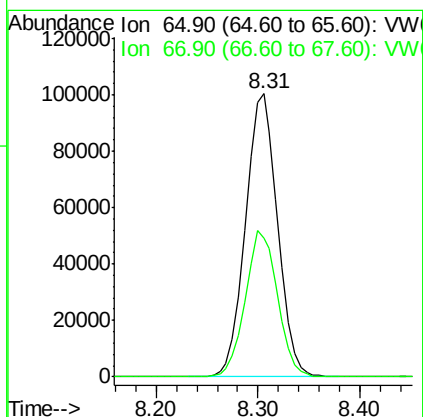
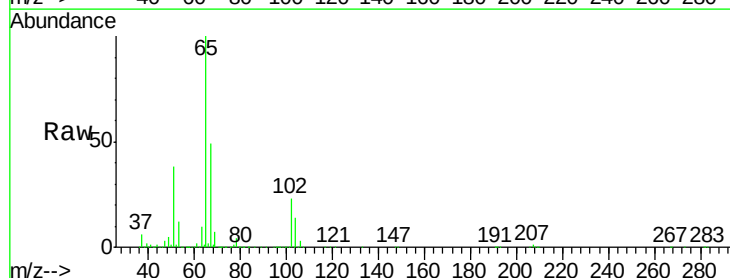
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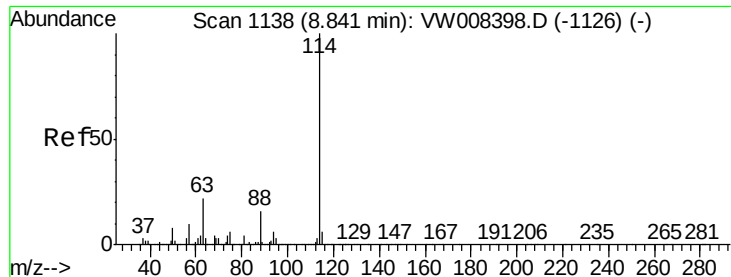
Tot Ion:	84	Resp:	38635
Ion	Ratio	Lower	Upper
84	100		
49	122.3	106.8	160.2
51	37.8	32.9	49.3
86	65.0	52.2	78.2



#33
1,2-Dichloroethane-d4
Concen: 52.609 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW008439.D
Acq: 28 Jan 2019 15:01

Tgt Ion:	65	Resp:	219655
Ion	Ratio	Lower	Upper
65	100		
67	51.3	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: VW008439.D

Acq: 28 Jan 2019 15:01

Instrument :

MSVOA_W

ClientSampleId :

OR-01-012519-BRE

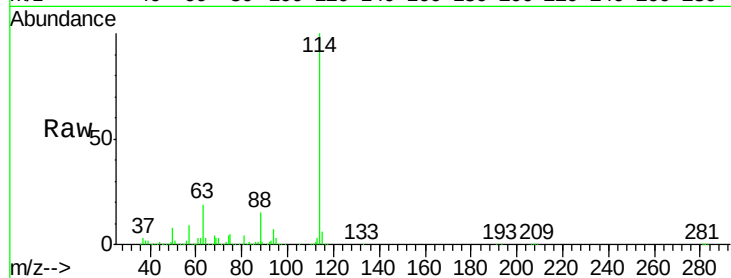
Tot Ion:114 Resp: 682341

Ion Ratio Lower Upper

114 100

63 19.3 0.0 43.6

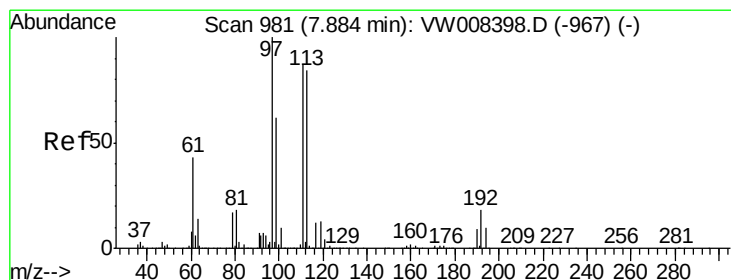
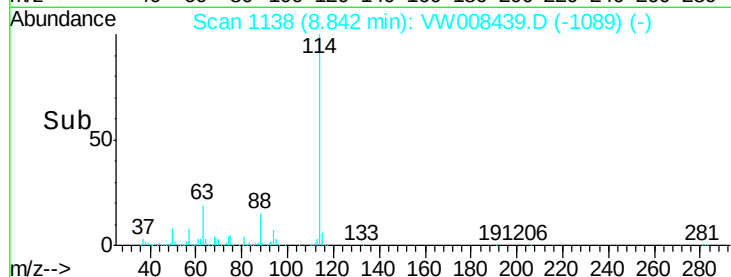
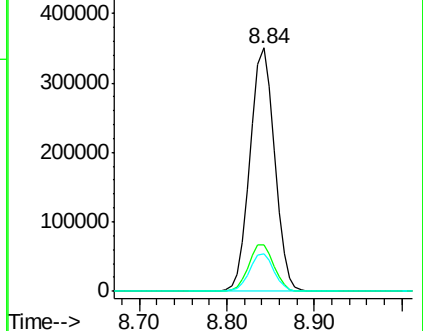
88 15.3 0.0 31.8



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: 53.717 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW008439.D

Acq: 28 Jan 2019 15:01

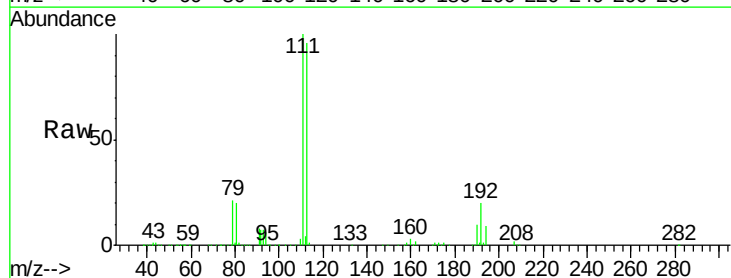
Tgt Ion:113 Resp: 214324

Ion Ratio Lower Upper

113 100

111 103.1 81.0 121.4

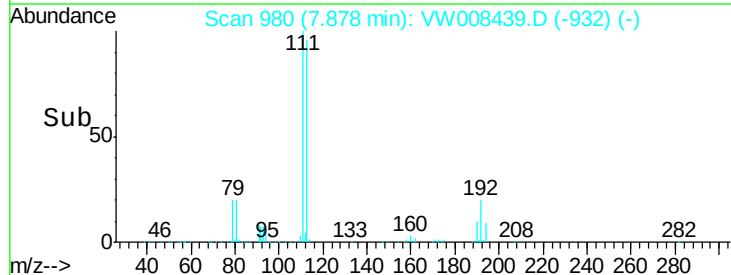
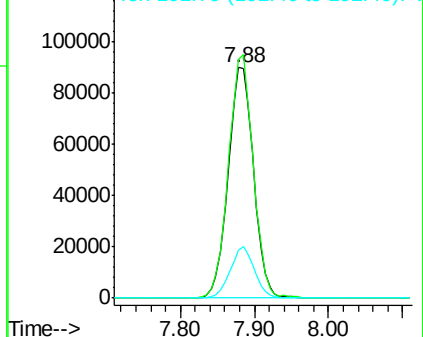
192 21.3 16.8 25.2

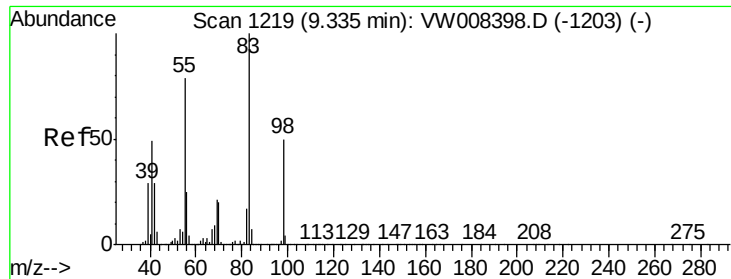


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

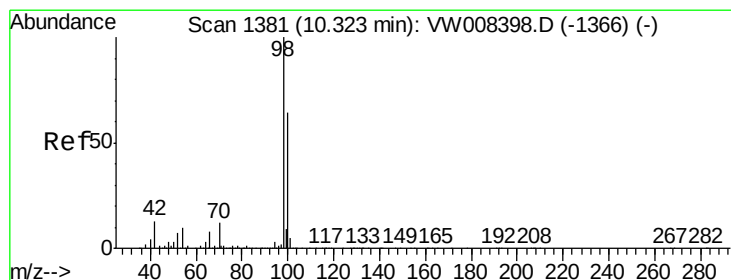
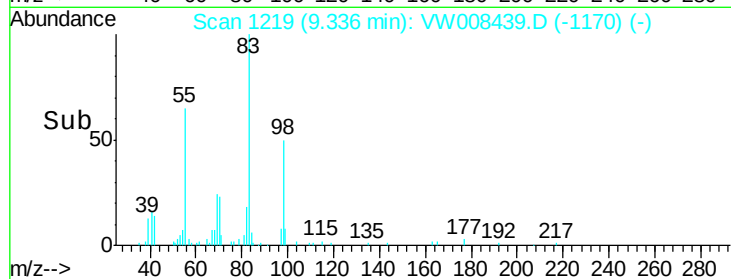
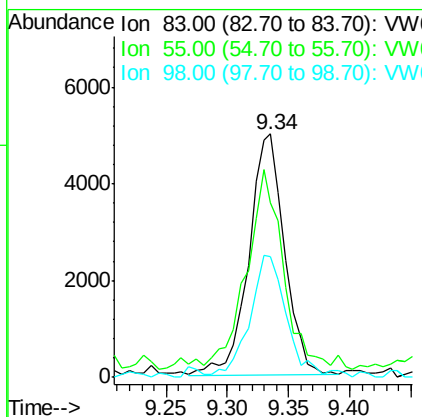
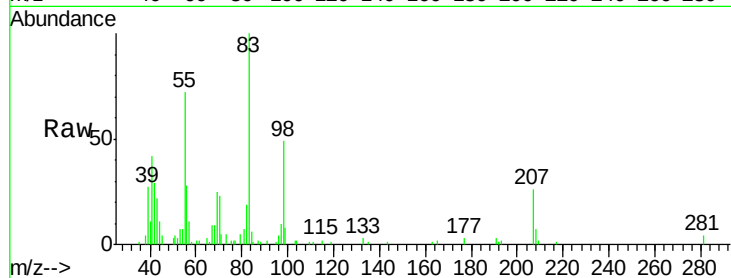




#39
Methylvlcyclohexane
Concen: 1.198 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW008439.D
Acq: 28 Jan 2019 15:01

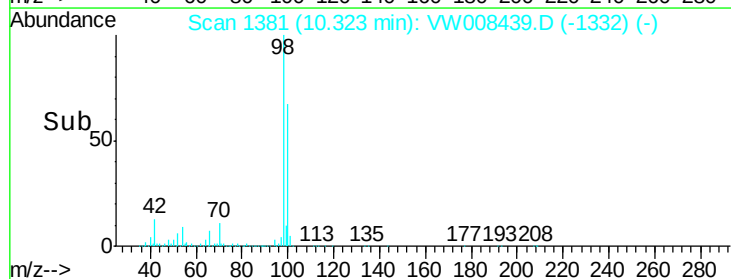
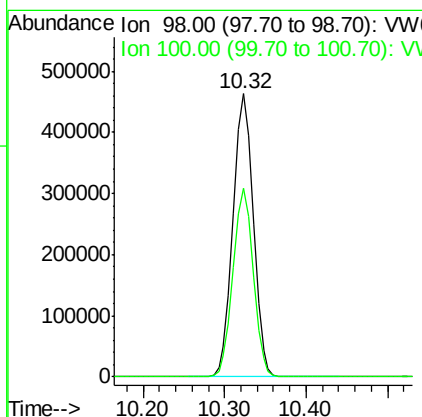
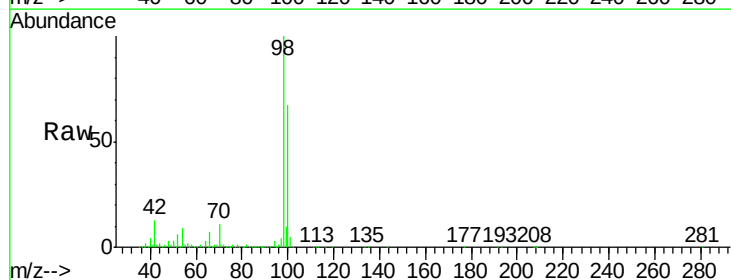
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OR-01-012519-BRE

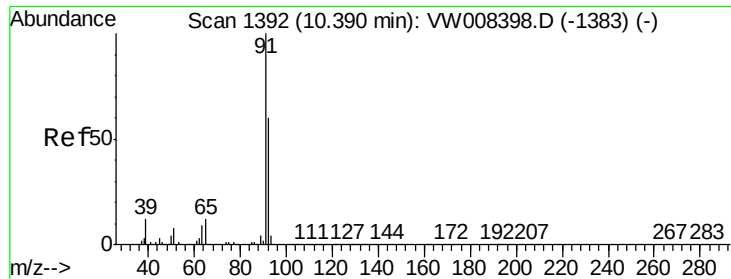
Tot Ion: 83 Resp: 10145
Ion Ratio Lower Upper
83 100
55 67.4 63.3 94.9
98 47.1 39.7 59.5



#50
Toluene-d8
Concen: 49.553 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008439.D
Acq: 28 Jan 2019 15:01

Tgt Ion: 98 Resp: 792828
Ion Ratio Lower Upper
98 100
100 66.1 52.6 78.8





#52

Toluene

Concen: 12.117 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW008439.D

Acq: 28 Jan 2019 15:01

Instrument :

MSVOA_W

ClientSampleId :

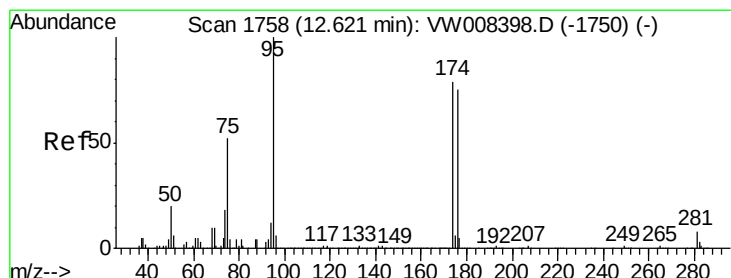
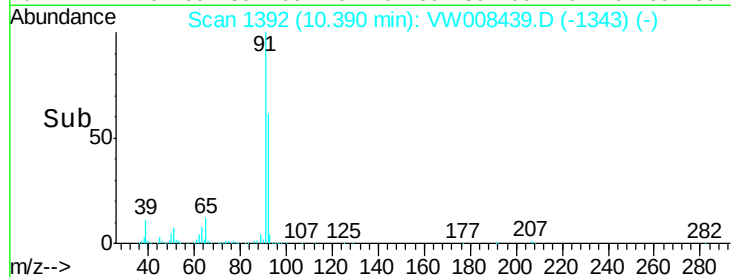
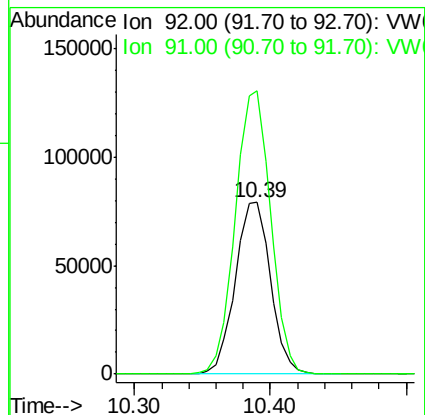
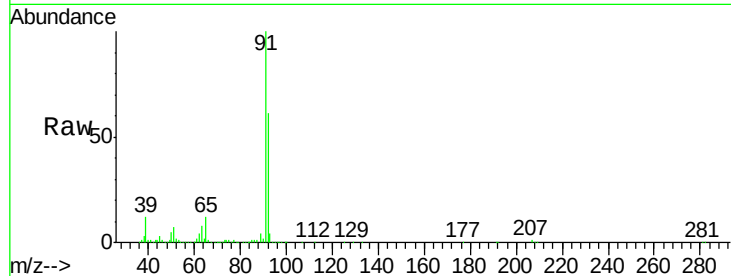
OR-01-012519-BRE

Tot Ion: 92 Resp: 143062

Ion Ratio Lower Upper

92 100

91 165.3 135.5 203.3



#62

4-Bromofluorobenzene

Concen: 41.743 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008439.D

Acq: 28 Jan 2019 15:01

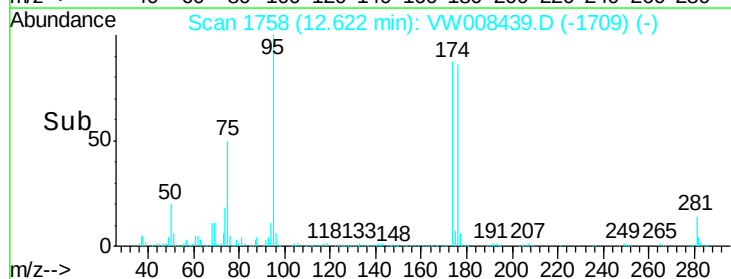
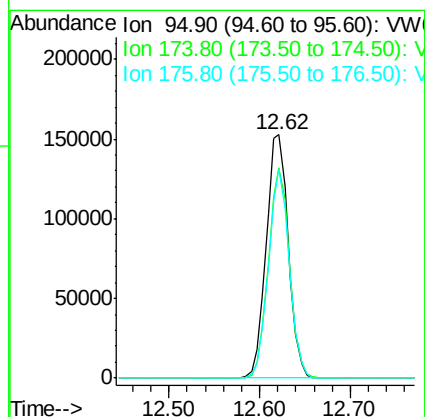
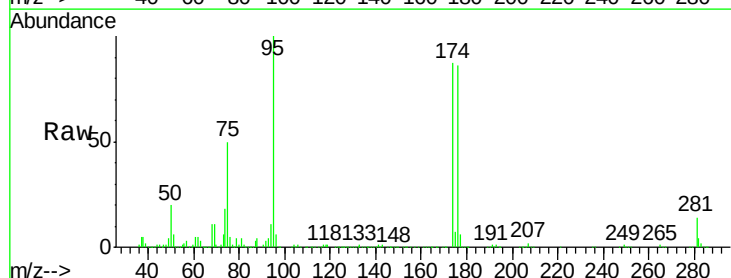
Tgt Ion: 95 Resp: 256719

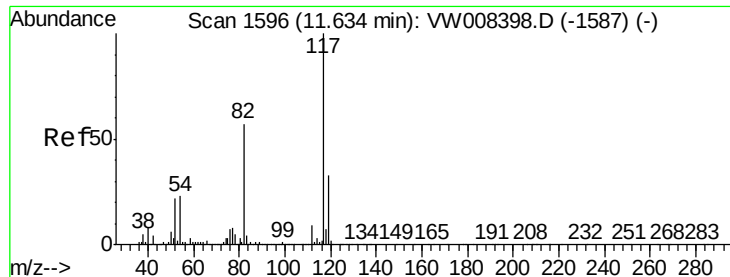
Ion Ratio Lower Upper

95 100

174 82.8 0.0 157.6

176 81.0 0.0 151.8

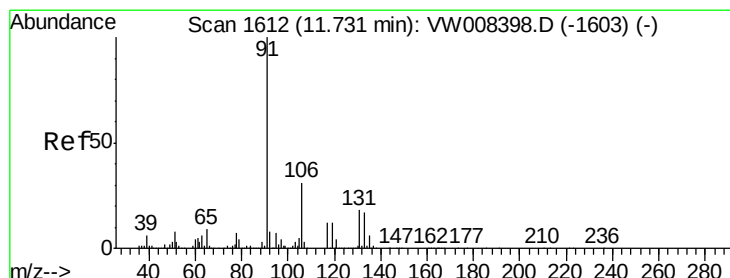
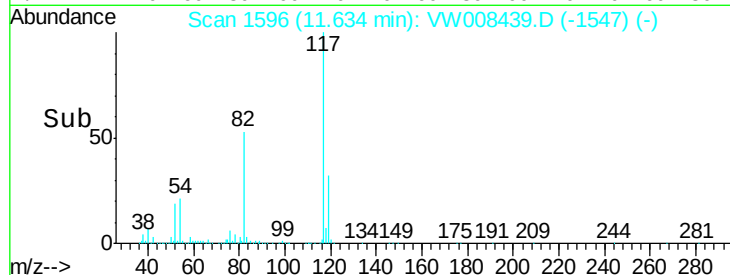
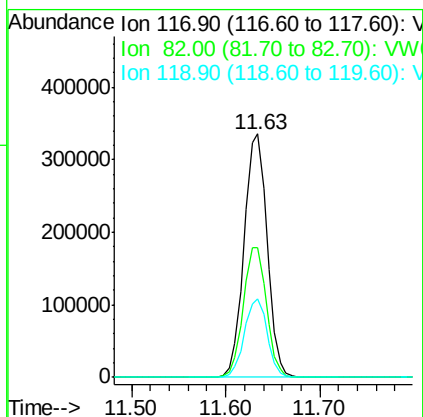
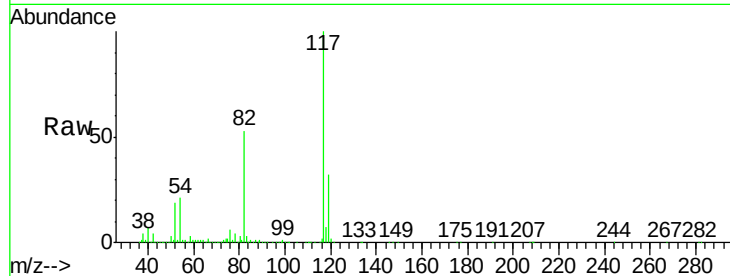




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008439.D
Acq: 28 Jan 2019 15:01

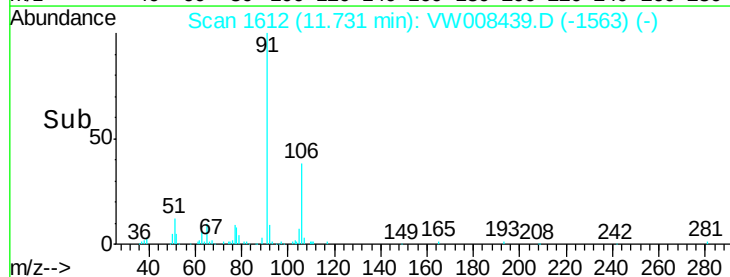
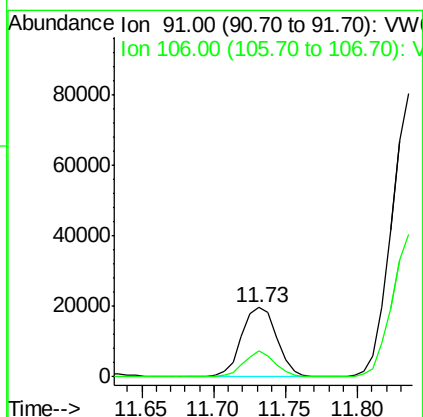
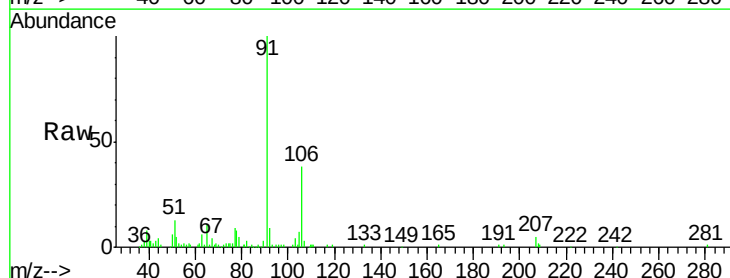
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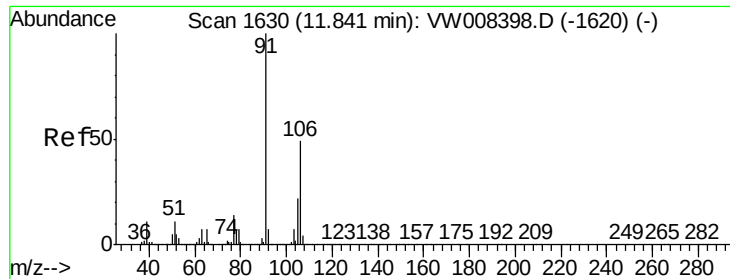
Tot Ion:117 Resp: 575161
Ion Ratio Lower Upper
117 100
82 53.4 45.4 68.0
119 32.1 26.2 39.4



#67
Ethyl Benzene
Concen: 1.541 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008439.D
Acq: 28 Jan 2019 15:01

Tgt Ion: 91 Resp: 33267
Ion Ratio Lower Upper
91 100
106 37.9 24.7 37.1#

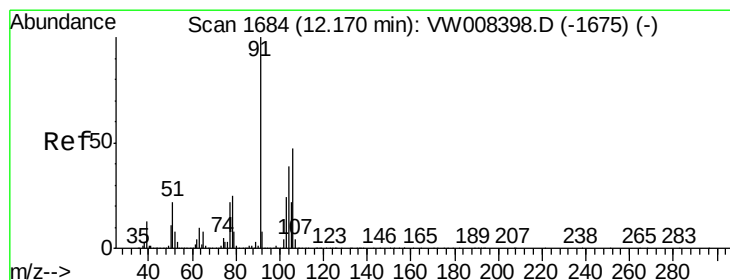
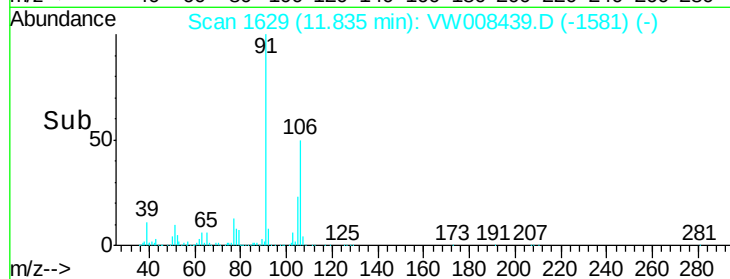
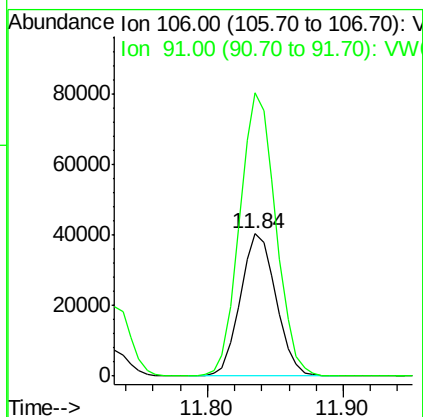
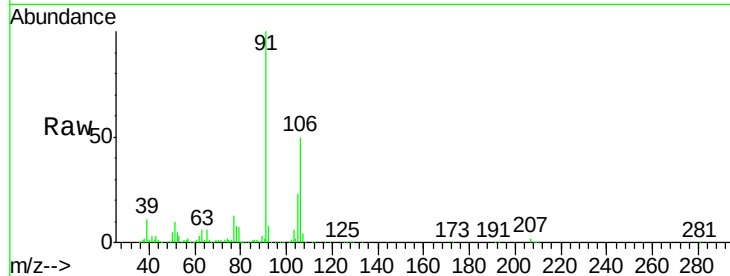




#68
m/p-Xylenes
Concen: 8.890 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW008439.D
Acq: 28 Jan 2019 15:01

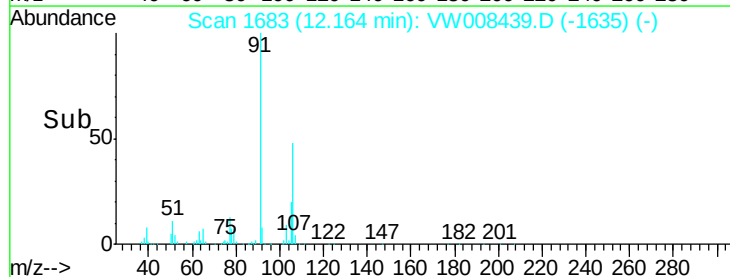
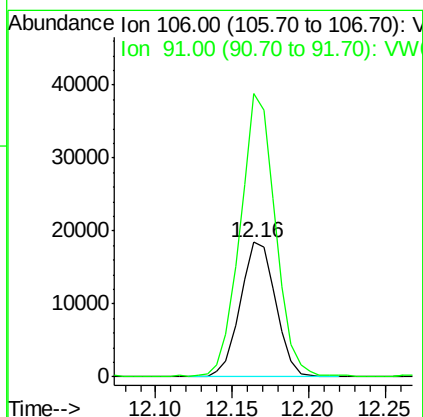
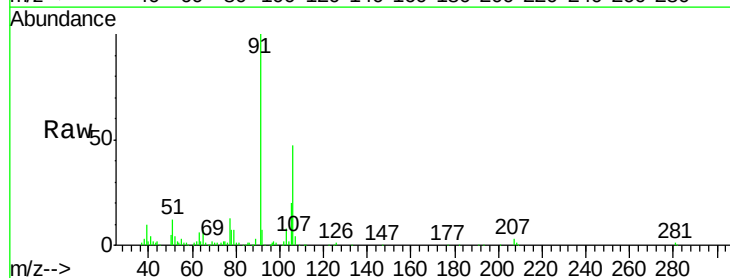
Instrument :
MSVOA_W
ClientSampleId :
OR-01-012519-BRE

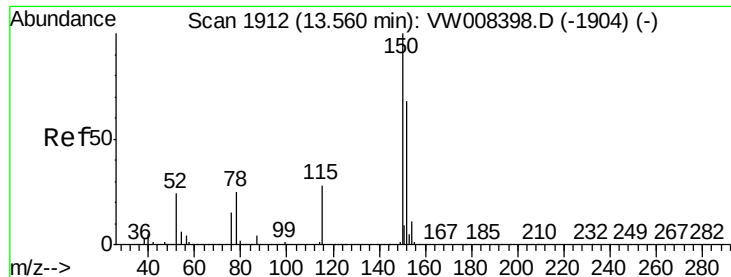
Tot Ion:106 Resp: 74439
Ion Ratio Lower Upper
106 100
91 198.9 162.9 244.3



#69
o-Xylene
Concen: 3.723 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW008439.D
Acq: 28 Jan 2019 15:01

Tgt Ion:106 Resp: 29618
Ion Ratio Lower Upper
106 100
91 210.6 107.5 322.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW008439.D

Acq: 28 Jan 2019 15:01

Instrument :

MSVOA_W

ClientSampleId :

OR-01-012519-BRE

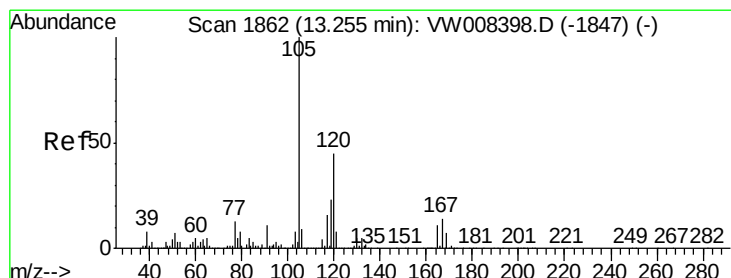
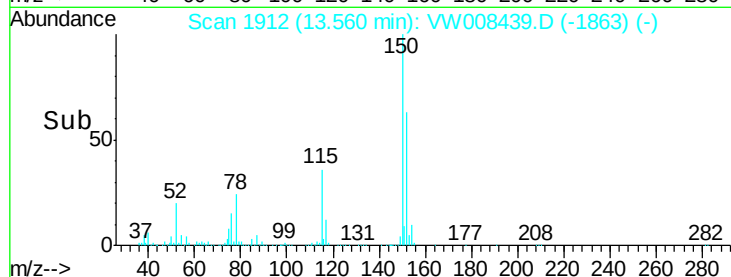
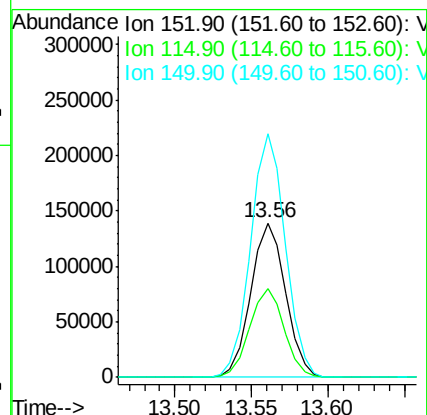
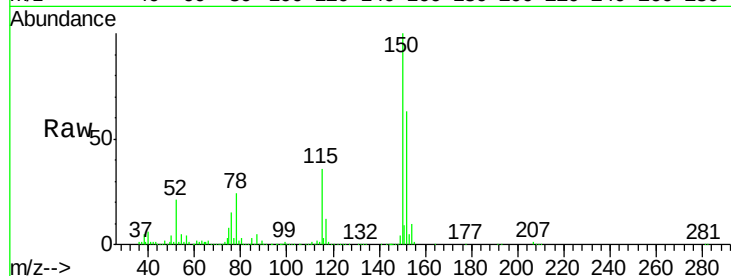
Tot Ion:152 Resp: 219846

Ion Ratio Lower Upper

152 100

115 57.2 29.9 89.7

150 157.6 0.0 351.4



#84

1,2,4-Trimethylbenzene

Concen: 1.211 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. 0.00 min

Lab File: VW008439.D

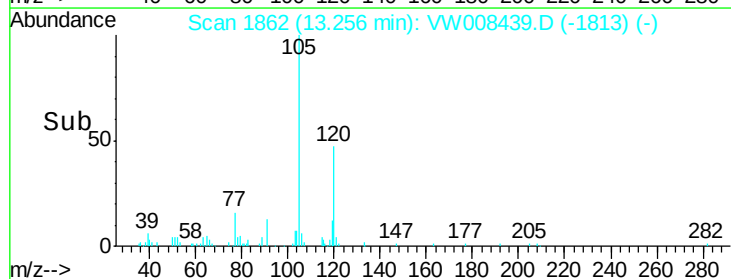
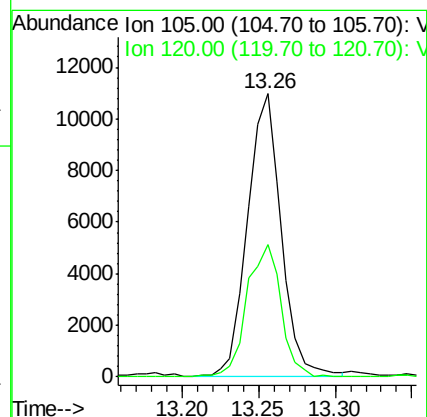
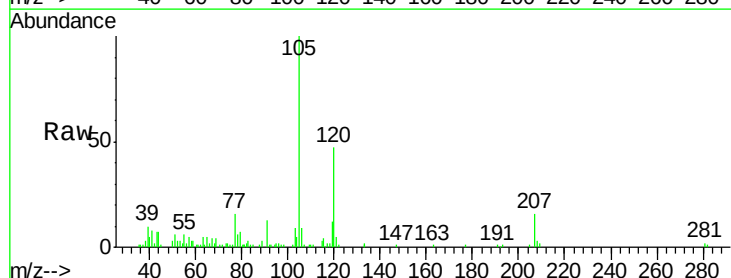
Acq: 28 Jan 2019 15:01

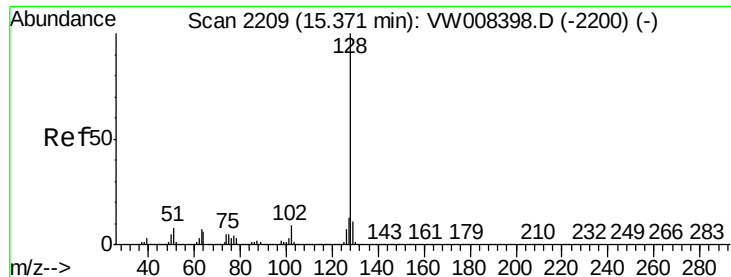
Tgt Ion:105 Resp: 16863

Ion Ratio Lower Upper

105 100

120 47.0 23.1 69.2





#95

Naphthalene

Concen: 2.749 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW008439.D

Acq: 28 Jan 2019 15:01

Instrument :

MSVOA_W

ClientSampleId :

OR-01-012519-BRE

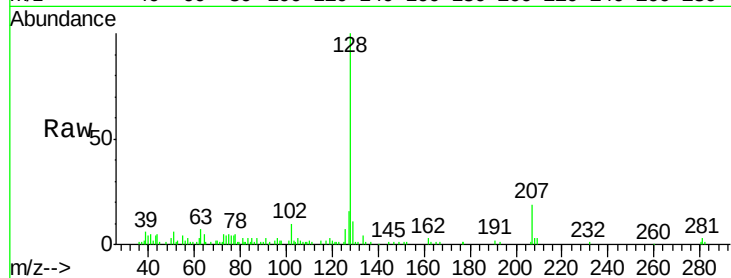
Tot Ion:128 Resp: 22030

Ion Ratio Lower Upper

128 100

127 15.4 10.6 15.8

129 13.9 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

