

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012919\
 Data File : VW008448.D
 Acq On : 29 Jan 2019 13:28
 Operator : SY/VA
 Sample : K1010-07RE
 Misc : 4.53G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 OK-03-012819-ARE

Quant Time: Jan 30 03:23:44 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

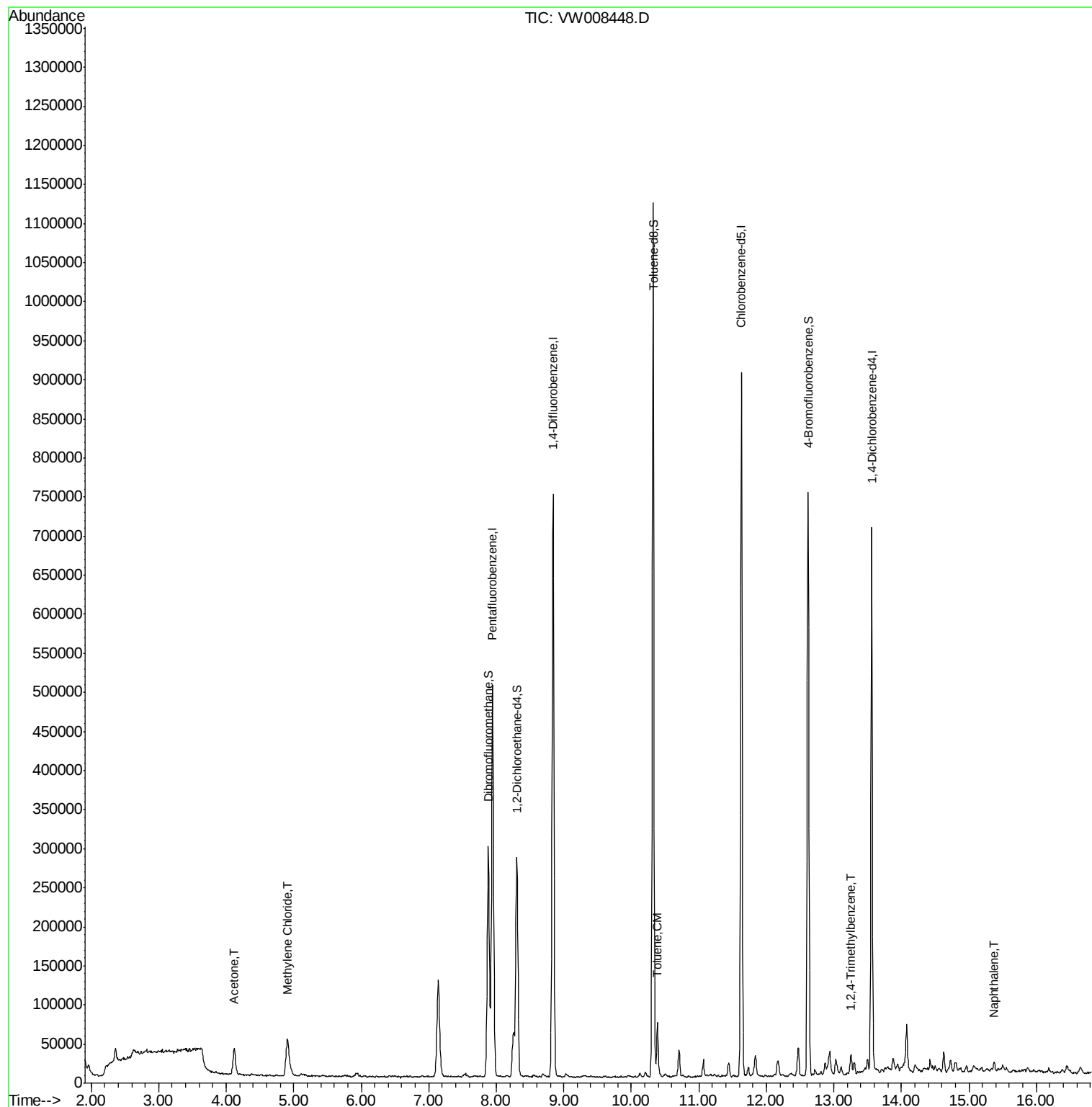
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	393239	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	638162	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	516898	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	181371	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	206488	53.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.90%	
35) Dibromofluoromethane	7.88	113	204790	54.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.76%	
50) Toluene-d8	10.32	98	719651	48.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.18%	
62) 4-Bromofluorobenzene	12.62	95	223999	38.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.88%	
Target Compounds						
16) Acetone	4.12	43	57405	66.170	ug/l	97
20) Methylene Chloride	4.90	84	38145	9.540	ug/l	89
52) Toluene	10.39	92	29959	2.713	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	15245	1.327	ug/l	97
95) Naphthalene	15.37	128	10084	1.525	ug/l #	91

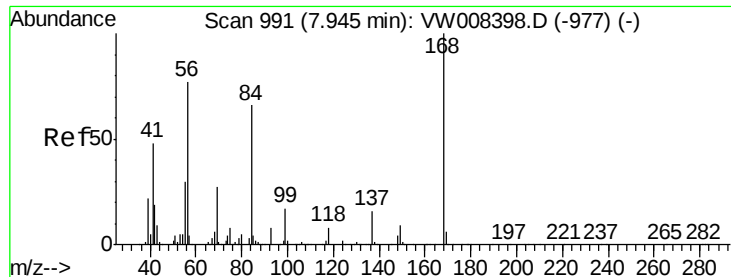
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW008448.D

Acq: 29 Jan 2019 13:28

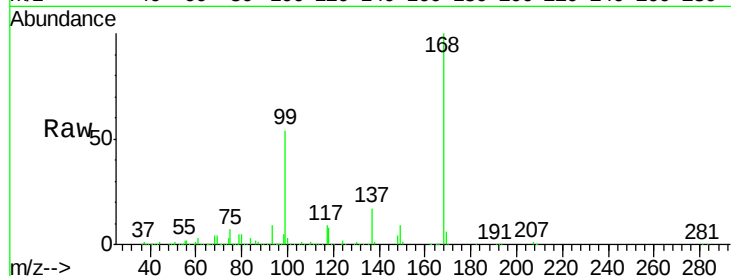
Instrument :
MSVOA_W
ClientSampleId :
OK-03-012819-ARE

Tot Ion:168 Resp: 393239

Ion Ratio Lower Upper

168 100

99 53.5 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

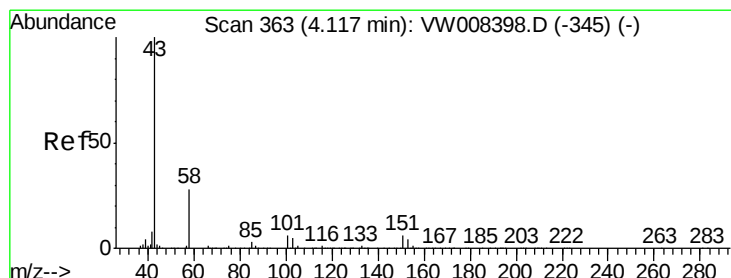
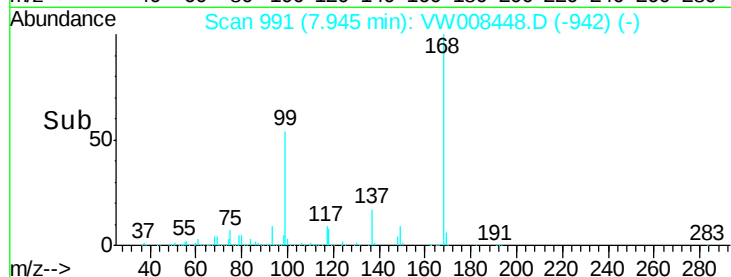
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 66.170 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW008448.D

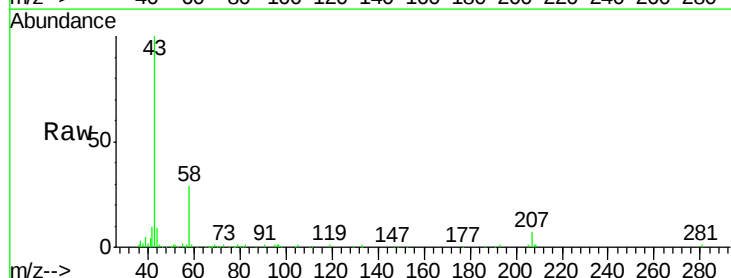
Acq: 29 Jan 2019 13:28

Tgt Ion: 43 Resp: 57405

Ion Ratio Lower Upper

43 100

58 29.9 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

25000

20000

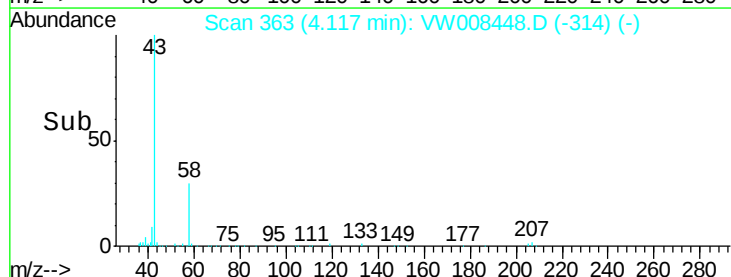
15000

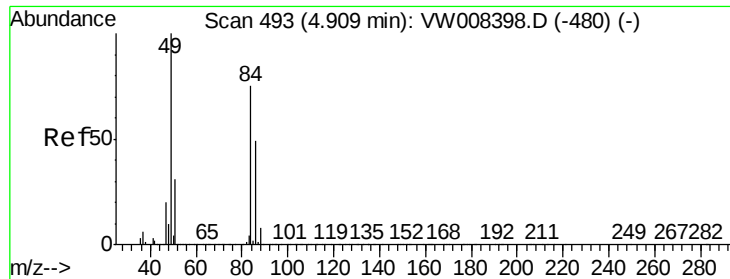
10000

5000

0

Time-->

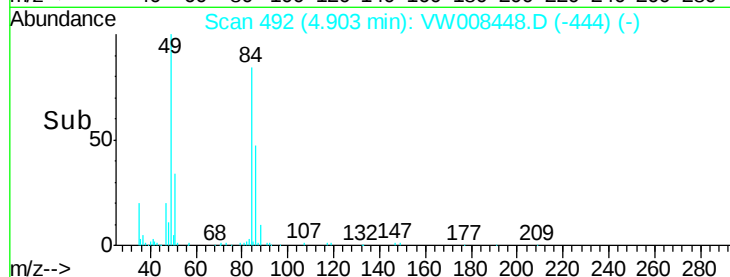
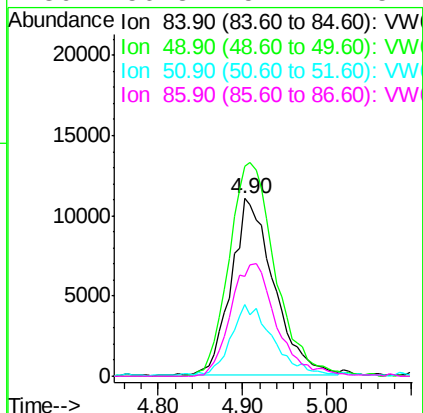
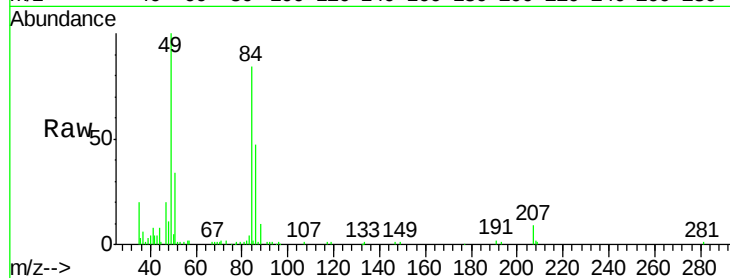




#20
Methylene Chloride
Concen: 9.540 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW008448.D
Acq: 29 Jan 2019 13:28

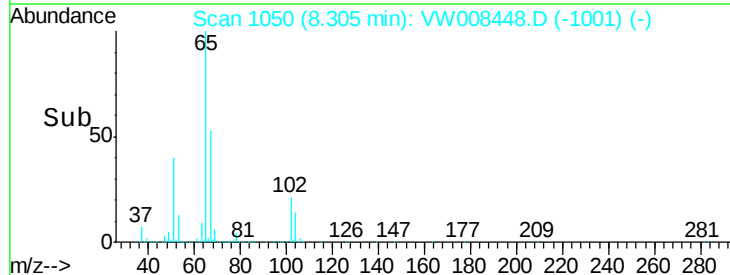
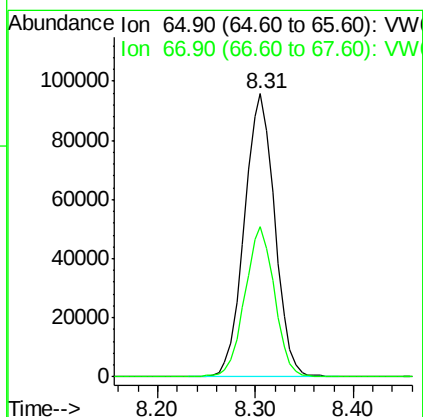
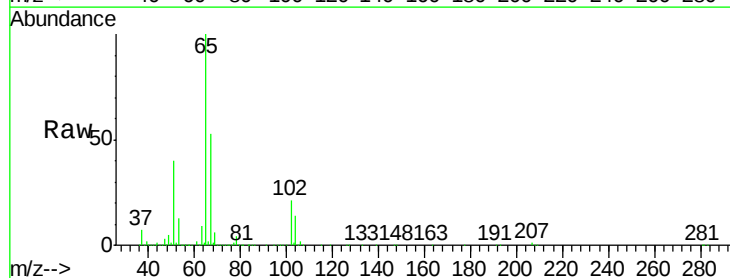
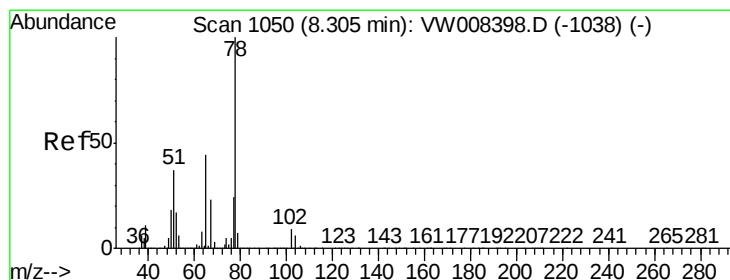
Instrument :
MSVOA_W
ClientSampleId :
OK-03-012819-ARE

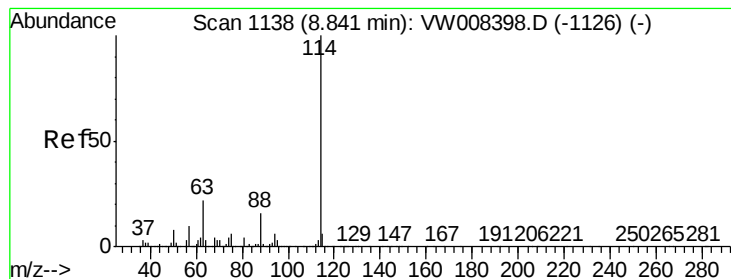
Tot Ion:	84	Resp:	38145
Ion	Ratio	Lower	Upper
84	100		
49	118.2	106.8	160.2
51	39.0	32.9	49.3
86	56.3	52.2	78.2



#33
1,2-Dichloroethane-d4
Concen: 53.450 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW008448.D
Acq: 29 Jan 2019 13:28

Tgt Ion:	65	Resp:	206488
Ion	Ratio	Lower	Upper
65	100		
67	52.1	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: VW008448.D

Acq: 29 Jan 2019 13:28

Instrument :

MSVOA_W

ClientSampleId :

OK-03-012819-ARE

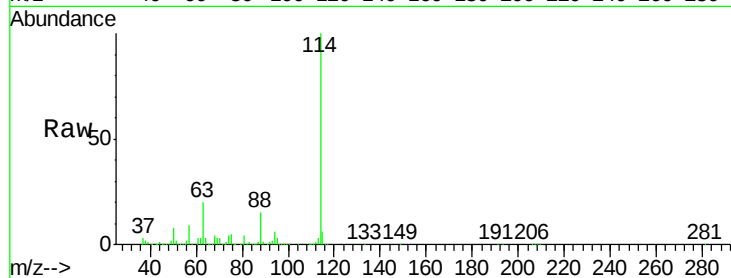
Tot Ion:114 Resp: 638162

Ion Ratio Lower Upper

114 100

63 20.0 0.0 43.6

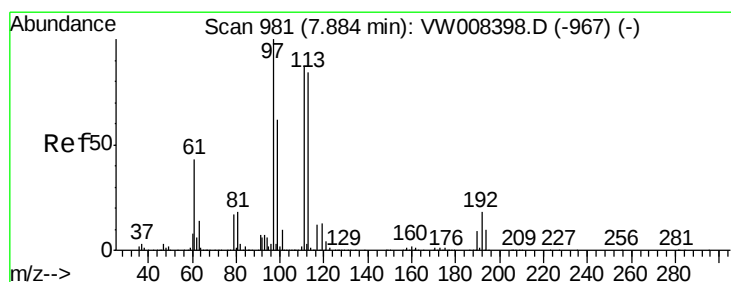
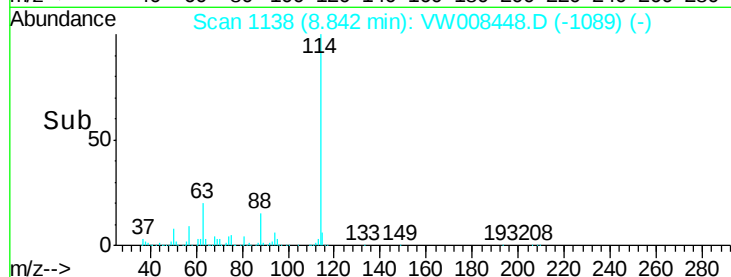
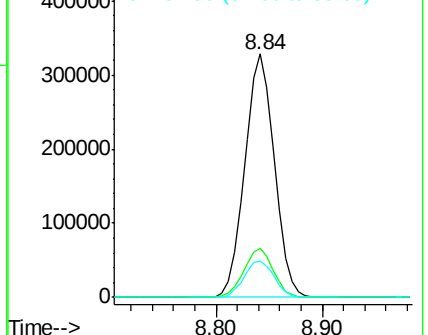
88 15.1 0.0 31.8



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: 54.881 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW008448.D

Acq: 29 Jan 2019 13:28

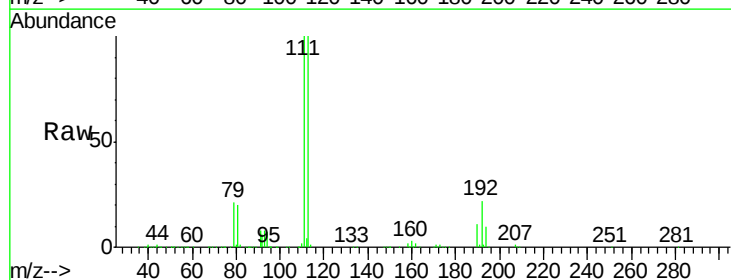
Tgt Ion:113 Resp: 204790

Ion Ratio Lower Upper

113 100

111 101.4 81.0 121.4

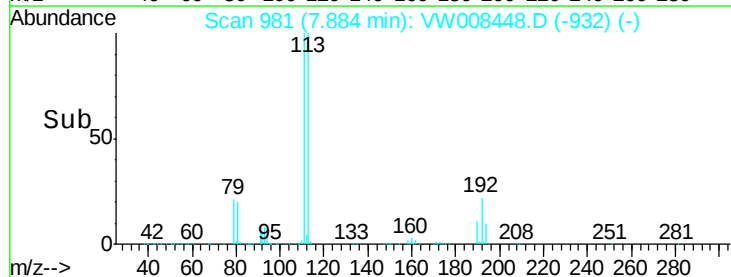
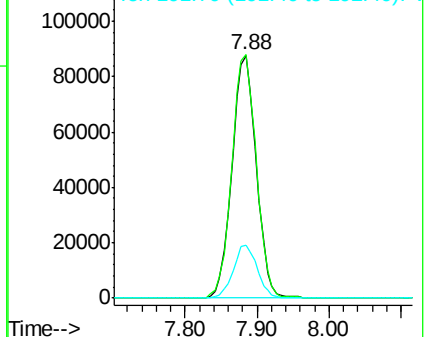
192 21.6 16.8 25.2

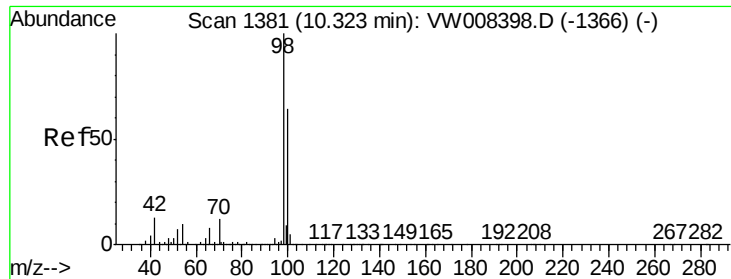


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.093 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008448.D

Acq: 29 Jan 2019 13:28

Instrument :

MSVOA_W

ClientSampleId :

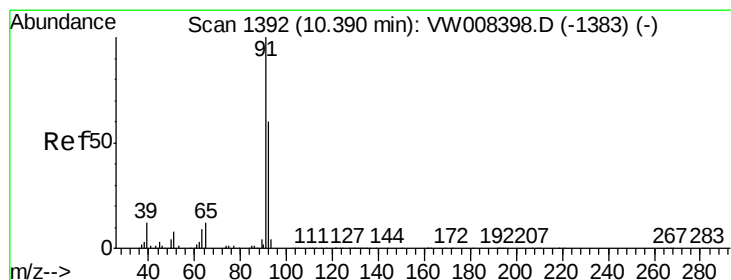
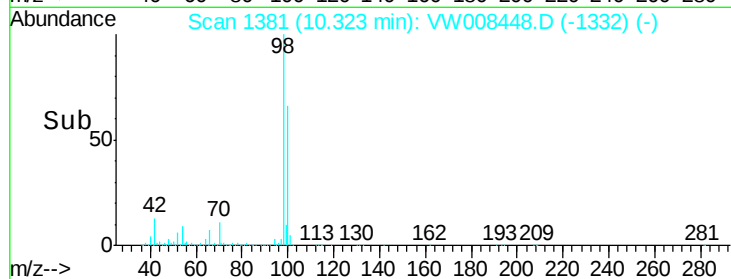
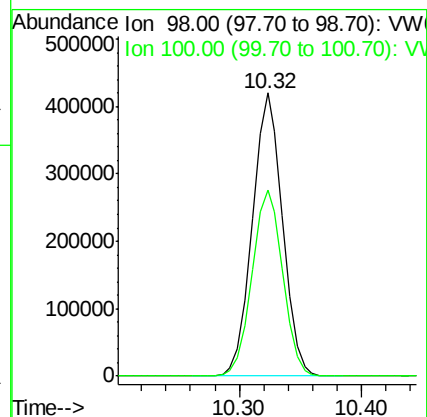
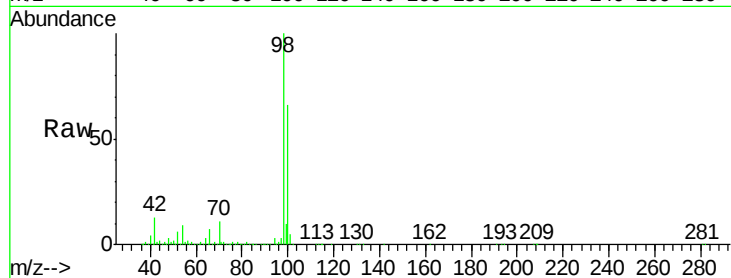
OK-03-012819-ARE

Tot Ion: 98 Resp: 719651

Ion Ratio Lower Upper

98 100

100 66.9 52.6 78.8



#52

Toluene

Concen: 2.713 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW008448.D

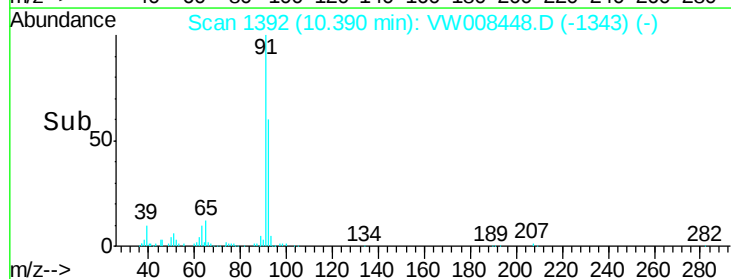
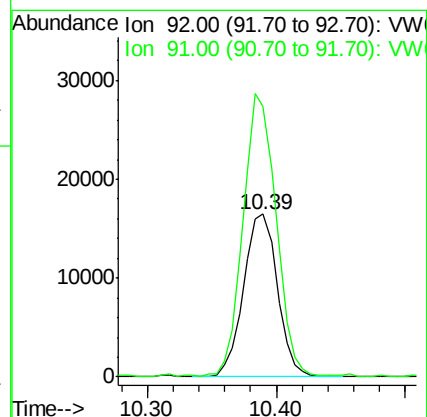
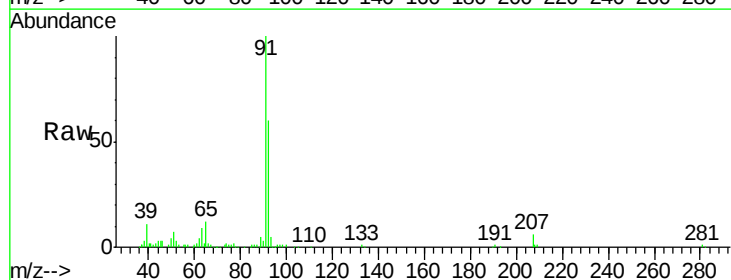
Acq: 29 Jan 2019 13:28

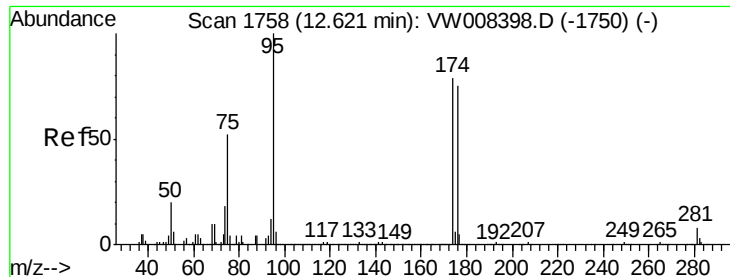
Tgt Ion: 92 Resp: 29959

Ion Ratio Lower Upper

92 100

91 168.6 135.5 203.3





#62

4-Bromofluorobenzene

Concen: 38.944 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008448.D

Acq: 29 Jan 2019 13:28

Instrument :

MSVOA_W

ClientSampleId :

OK-03-012819-ARE

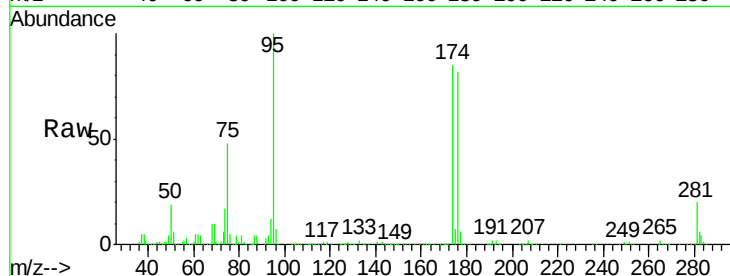
Tot Ion: 95 Resp: 223999

Ion Ratio Lower Upper

95 100

174 83.3 0.0 157.6

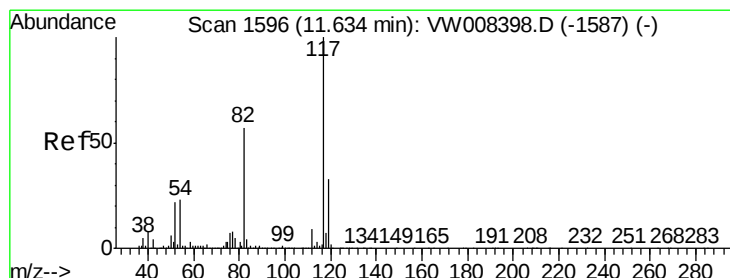
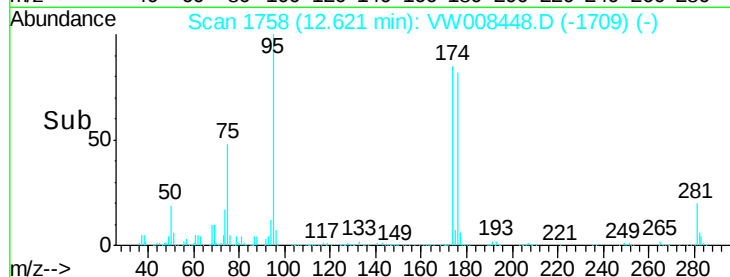
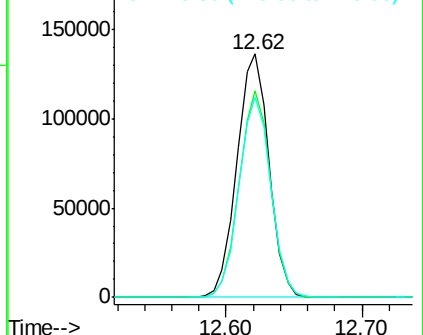
176 81.6 0.0 151.8



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW008448.D

Acq: 29 Jan 2019 13:28

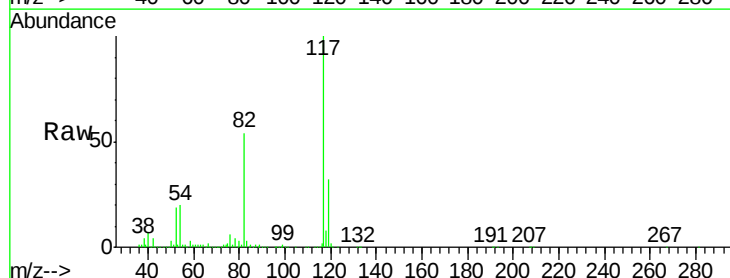
Tgt Ion: 117 Resp: 516898

Ion Ratio Lower Upper

117 100

82 54.2 45.4 68.0

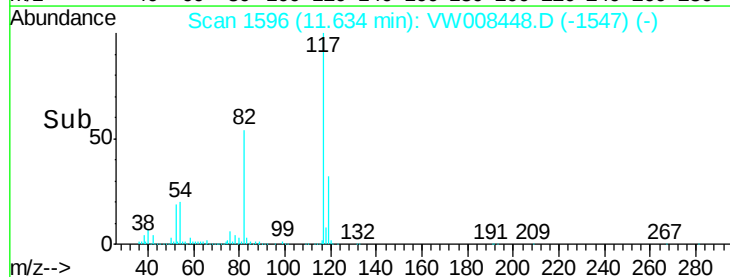
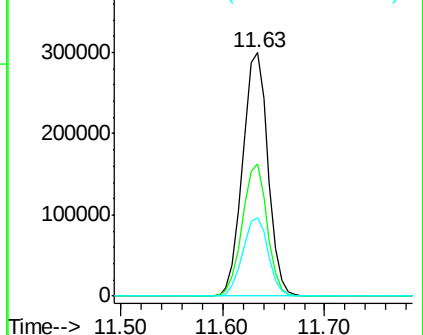
119 32.1 26.2 39.4

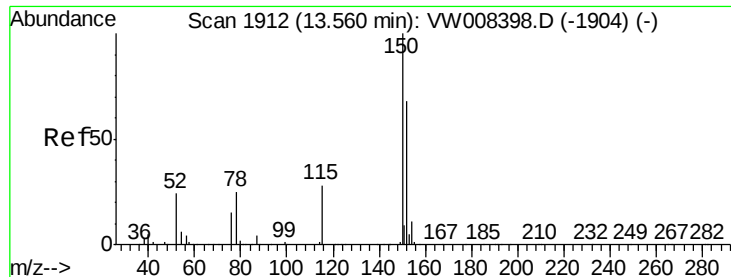


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): 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: VW008448.D

Acq: 29 Jan 2019 13:28

Instrument :

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ClientSampleId :

OK-03-012819-ARE

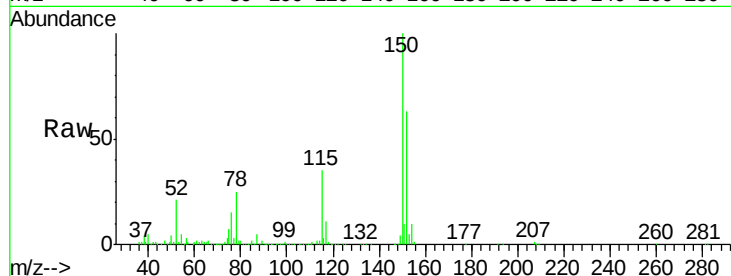
Tot Ion:152 Resp: 181371

Ion Ratio Lower Upper

152 100

115 57.0 29.9 89.7

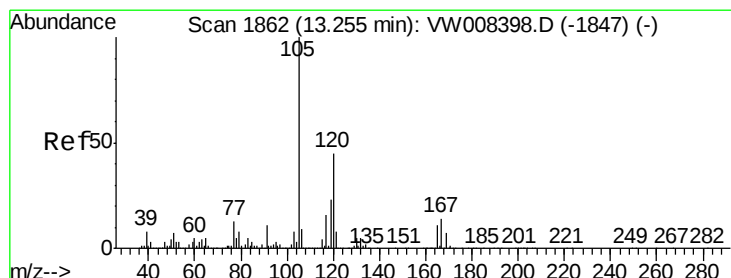
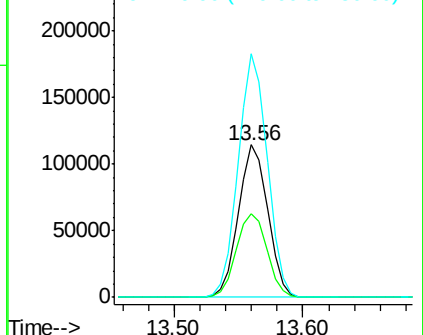
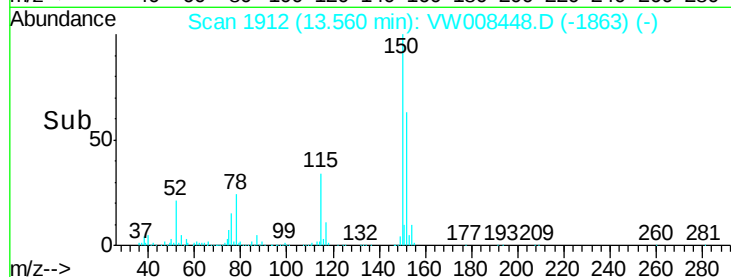
150 157.4 0.0 351.4



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



#84

1,2,4-Trimethylbenzene

Concen: 1.327 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. 0.00 min

Lab File: VW008448.D

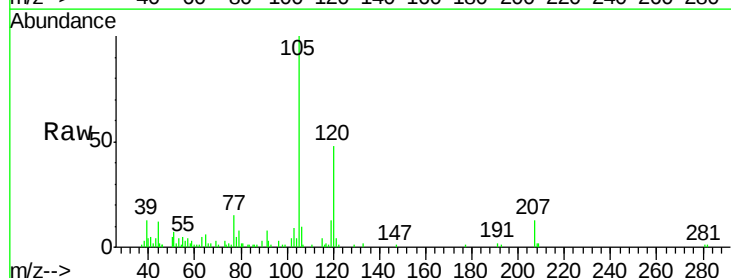
Acq: 29 Jan 2019 13:28

Tgt Ion:105 Resp: 15245

Ion Ratio Lower Upper

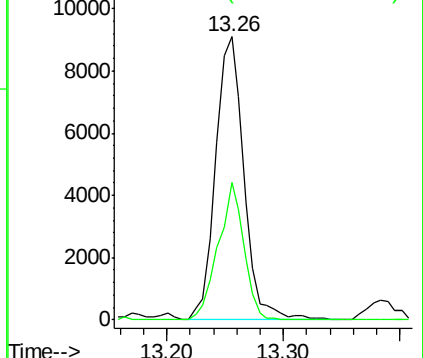
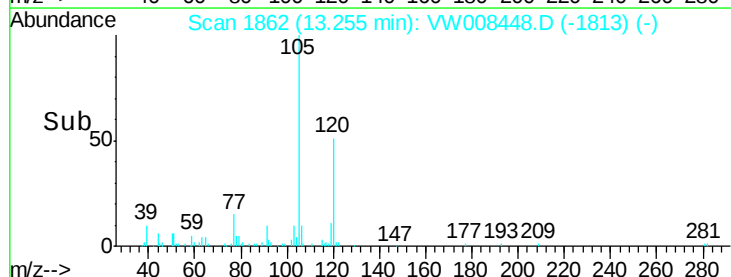
105 100

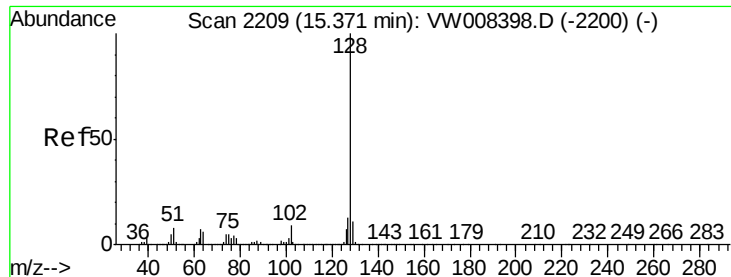
120 43.9 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

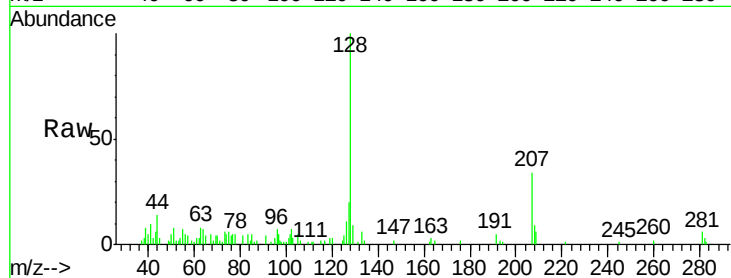




#95
Naphthalene
Concen: 1.525 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW008448.D
Acq: 29 Jan 2019 13:28

Instrument :
MSVOA_W
ClientSampleId :
OK-03-012819-ARE

Tot Ion	Ratio	Lower	Upper
128	100		
127	16.4	10.6	15.8#
129	14.8	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

