

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020419\
 Data File : VW008507.D
 Acq On : 04 Feb 2019 17:42
 Operator : SY/VA
 Sample : K1350-01
 Misc : 6.63G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EO-03-020419-A

Quant Time: Feb 05 03:57:52 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

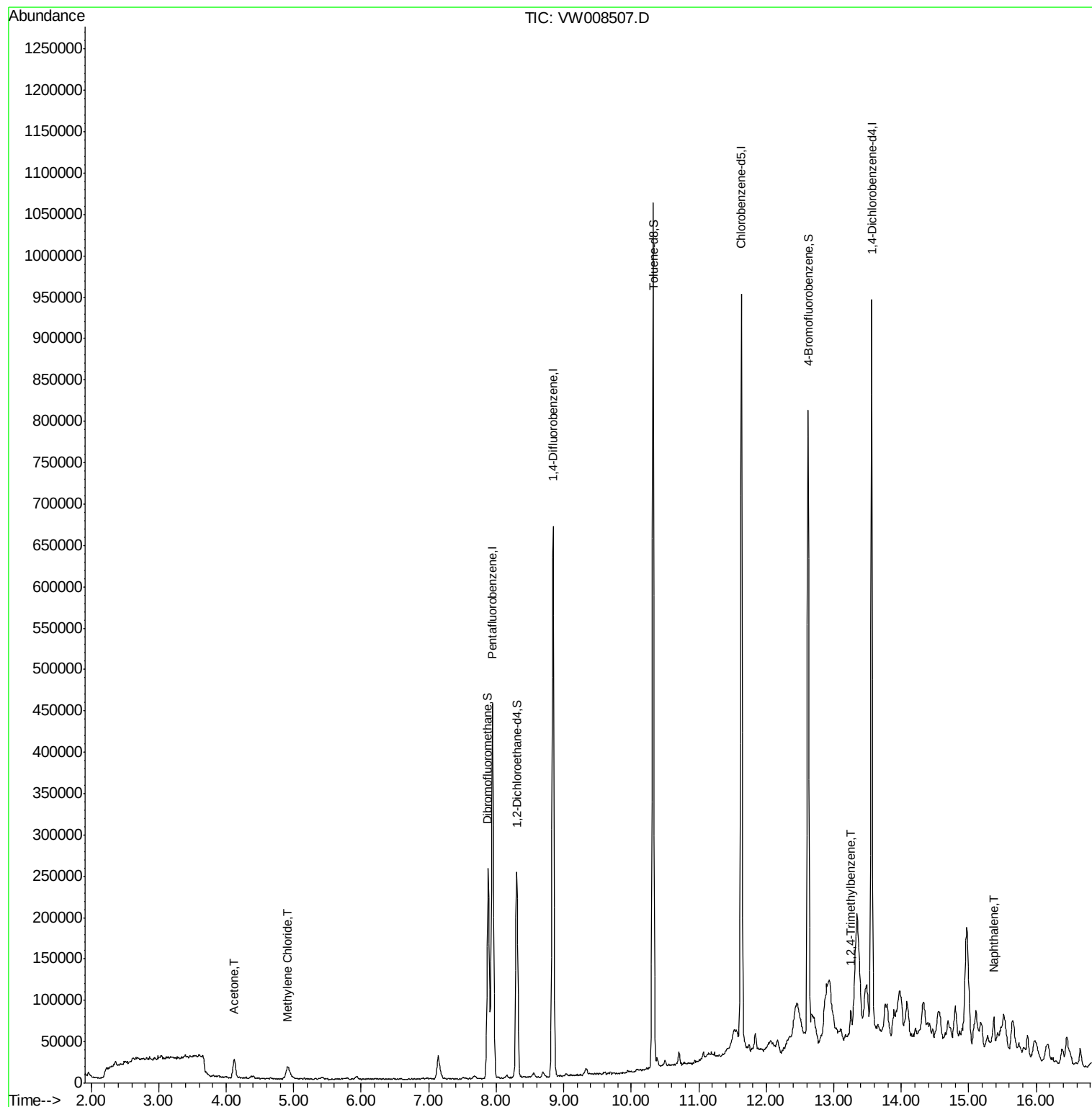
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	347029	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	560351	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	504834	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	224508	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	192089	56.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.68%	
35) Dibromofluoromethane	7.88	113	173925	53.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.16%	
50) Toluene-d8	10.32	98	675098	51.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.76%	
62) 4-Bromofluorobenzene	12.62	95	242752	48.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.14%	
Target Compounds						
16) Acetone	4.12	43	40902	53.425	ug/l	93
20) Methylene Chloride	4.91	84	12012	3.404	ug/l	88
84) 1,2,4-Trimethylbenzene	13.26	105	14747	1.037	ug/l	95
95) Naphthalene	15.37	128	18823	2.300	ug/l #	94

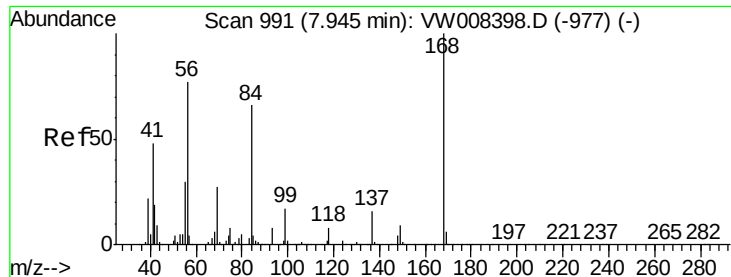
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW008507.D

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Instrument :

MSVOA_W

ClientSampleId :

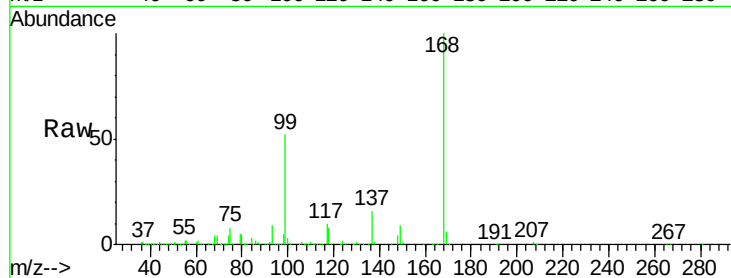
EO-03-020419-A

Tot Ion:168 Resp: 347029

Ion Ratio Lower Upper

168 100

99 51.5 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

150000

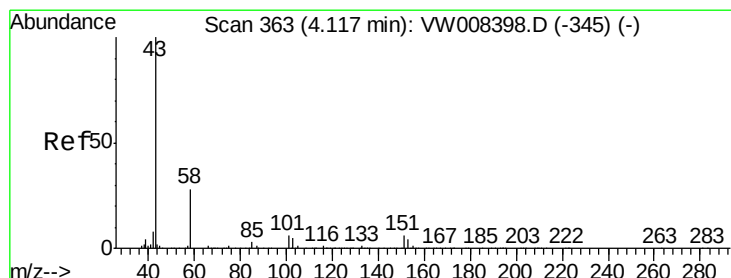
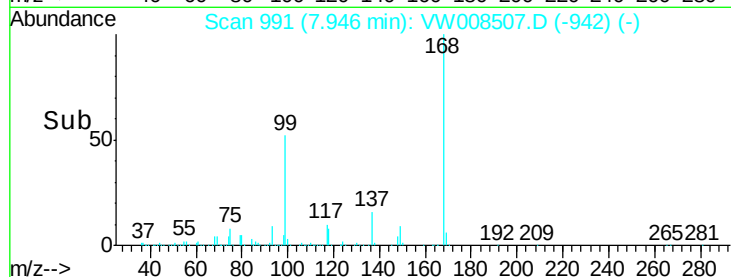
100000

50000

0

Time-->

7.90 8.00



#16

Acetone

Concen: 53.425 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW008507.D

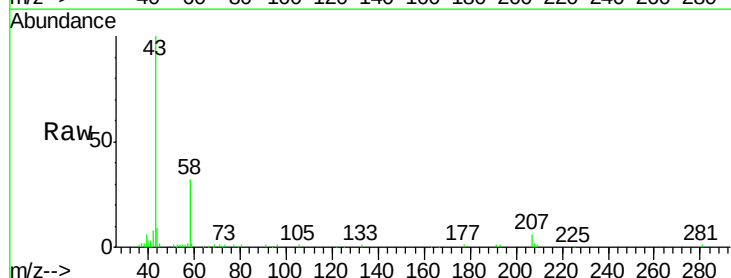
Acq: 04 Feb 2019 17:42

Tgt Ion: 43 Resp: 40902

Ion Ratio Lower Upper

43 100

58 32.2 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

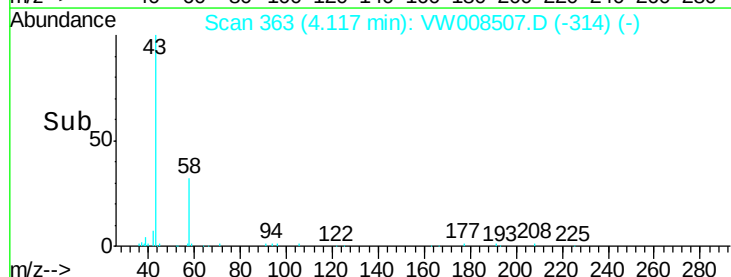
10000

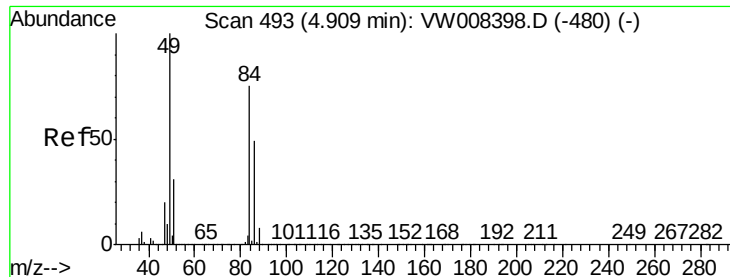
5000

0

Time-->

4.00 4.10 4.20 4.30

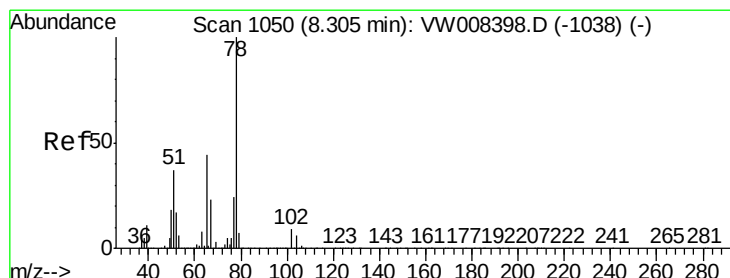
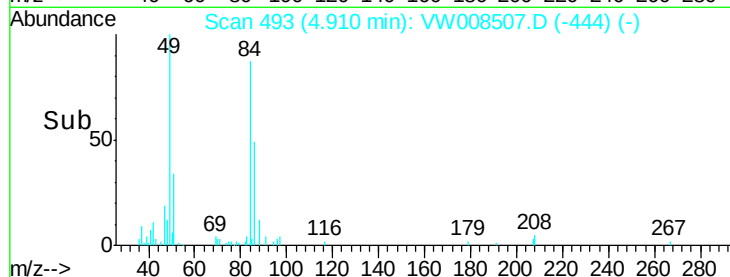
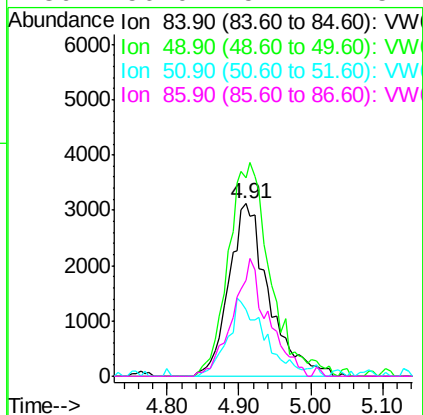
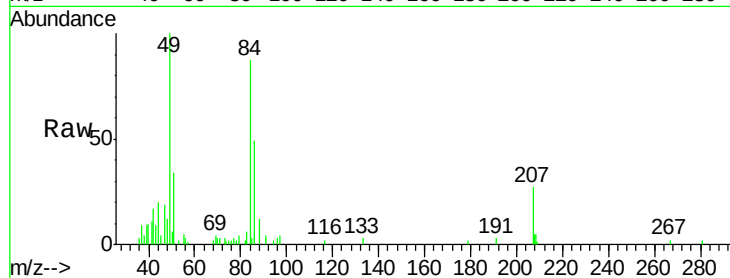




#20
Methylene Chloride
Concen: 3.404 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW008507.D
Acq: 04 Feb 2019 17:42

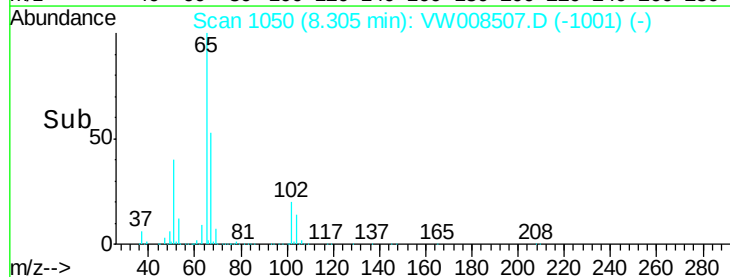
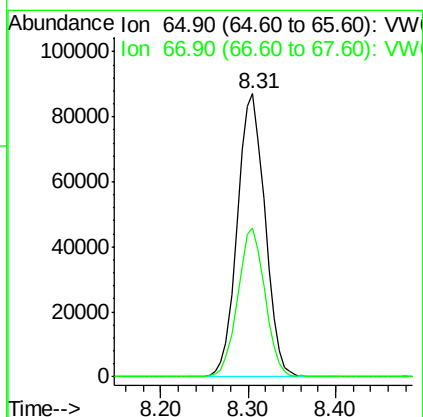
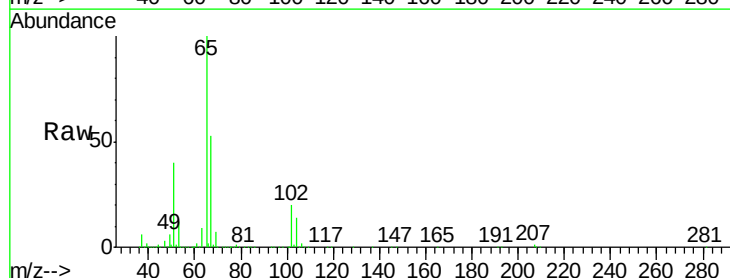
Instrument :
MSVOA_W
ClientSampleId :
EO-03-020419-A

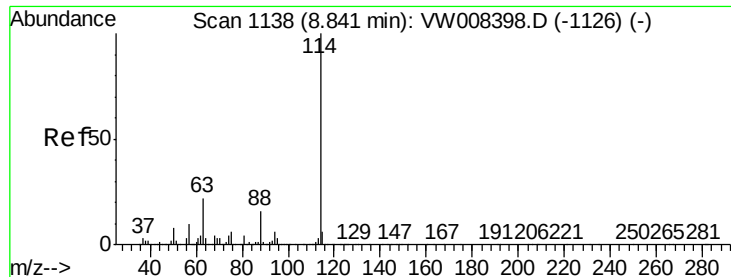
Tot Ion:	84	Resp:	12012
Ion	Ratio	Lower	Upper
84	100		
49	115.1	106.8	160.2
51	38.8	32.9	49.3
86	56.0	52.2	78.2



#33
1,2-Dichloroethane-d4
Concen: 56.344 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW008507.D
Acq: 04 Feb 2019 17:42

Tgt Ion:	65	Resp:	192089
Ion	Ratio	Lower	Upper
65	100		
67	51.8	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: VW008507.D

Acq: 04 Feb 2019 17:42

Instrument :

MSVOA_W

ClientSampleId :

EO-03-020419-A

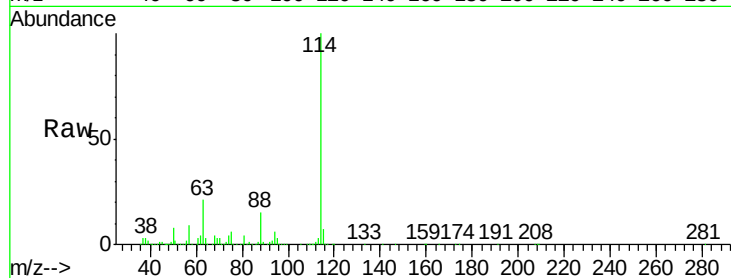
Tot Ion:114 Resp: 560351

Ion Ratio Lower Upper

114 100

63 20.6 0.0 43.6

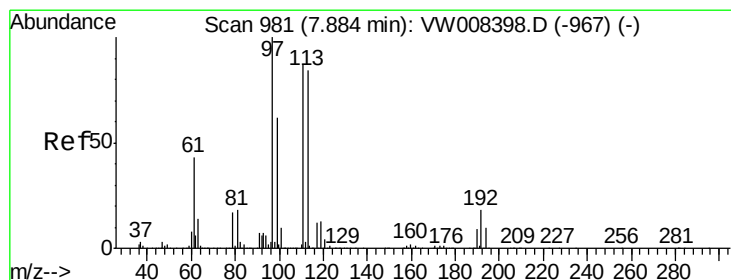
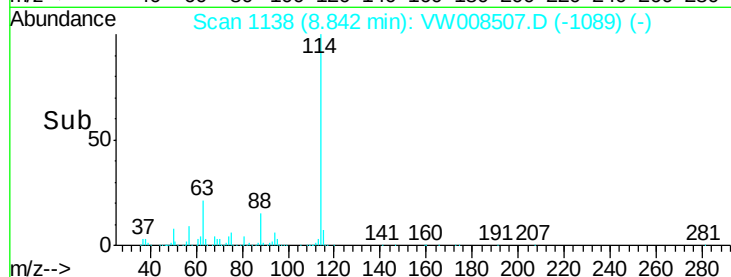
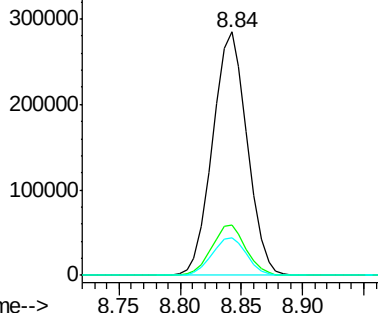
88 15.4 0.0 31.8



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: 53.082 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW008507.D

Acq: 04 Feb 2019 17:42

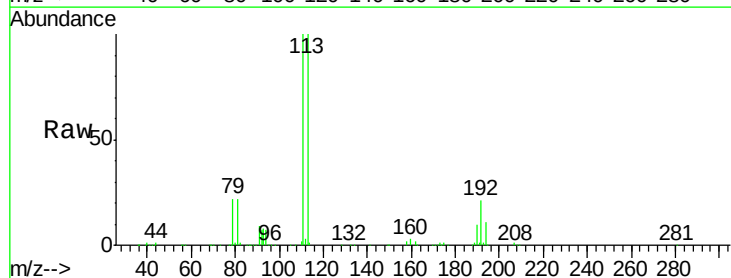
Tgt Ion:113 Resp: 173925

Ion Ratio Lower Upper

113 100

111 105.5 81.0 121.4

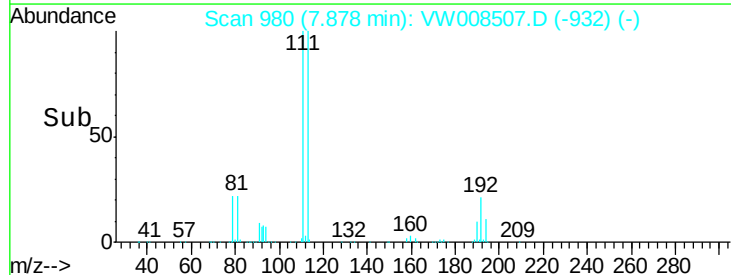
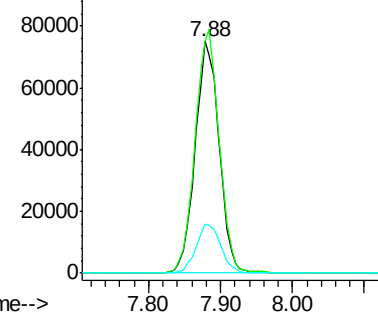
192 21.8 16.8 25.2

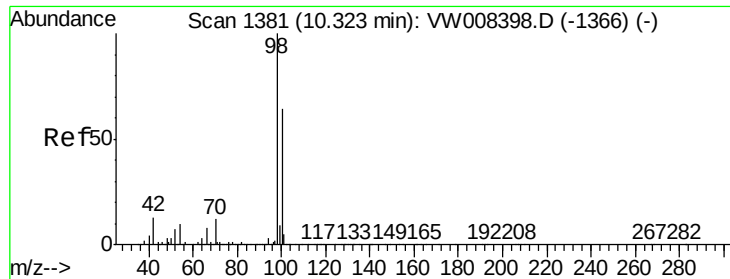


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.381 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008507.D

Acq: 04 Feb 2019 17:42

Instrument :

MSVOA_W

ClientSampleId :

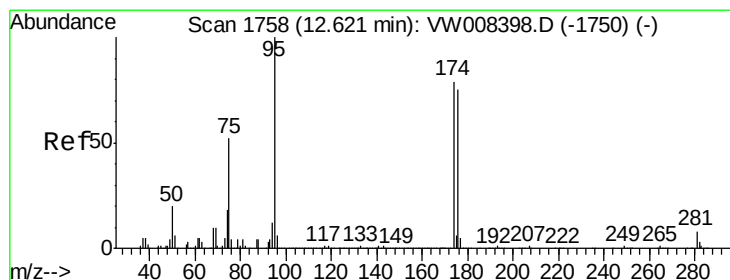
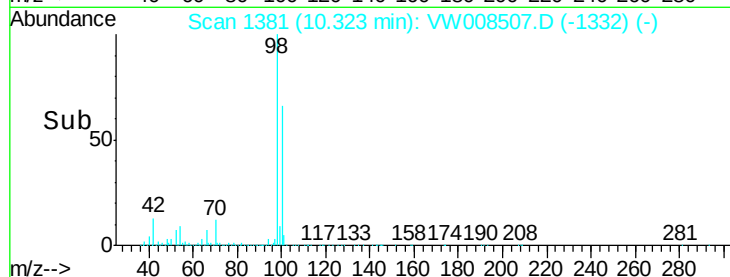
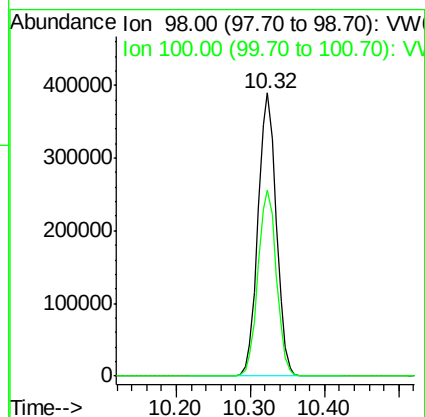
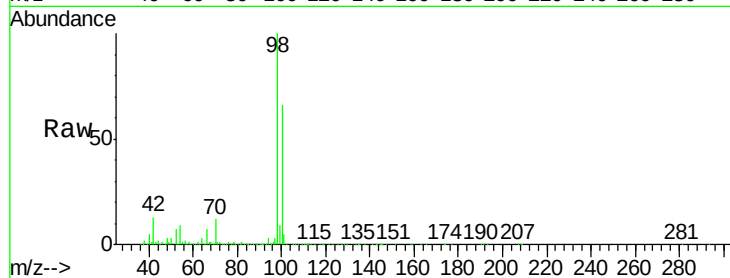
EO-03-020419-A

Tot Ion: 98 Resp: 675098

Ion Ratio Lower Upper

98 100

100 66.1 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 48.065 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008507.D

Acq: 04 Feb 2019 17:42

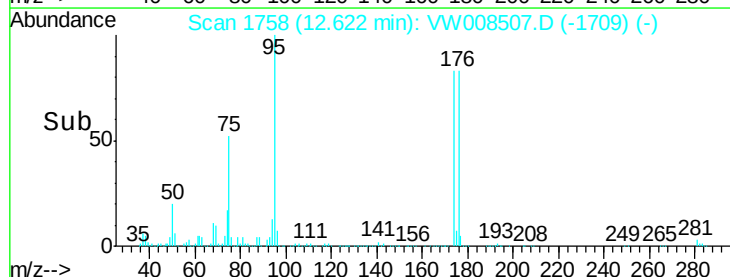
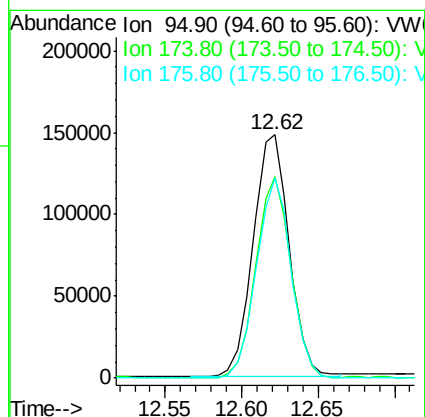
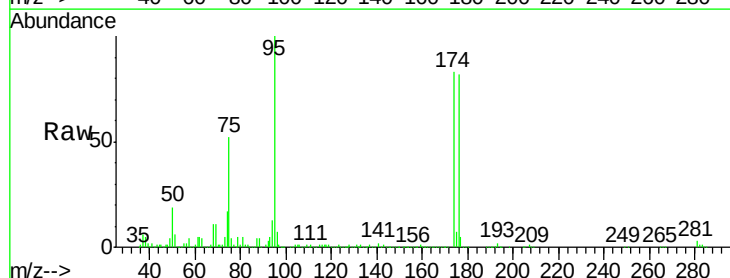
Tgt Ion: 95 Resp: 242752

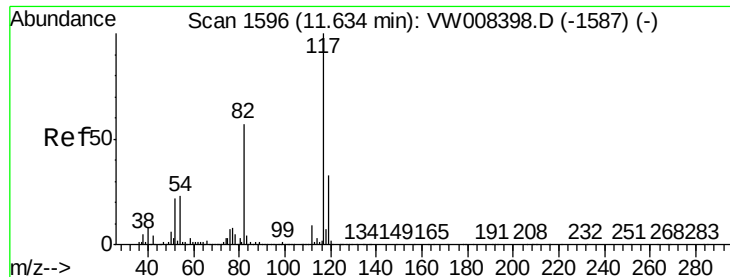
Ion Ratio Lower Upper

95 100

174 80.6 0.0 157.6

176 79.4 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: VW008507.D

Acq: 04 Feb 2019 17:42

Instrument :

MSVOA_W

ClientSampleId :

EO-03-020419-A

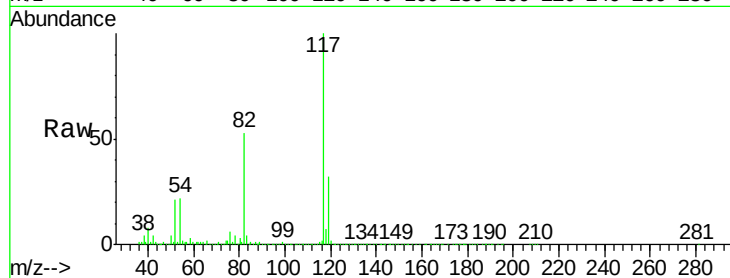
Tot Ion:117 Resp: 504834

Ion Ratio Lower Upper

117 100

82 53.1 45.4 68.0

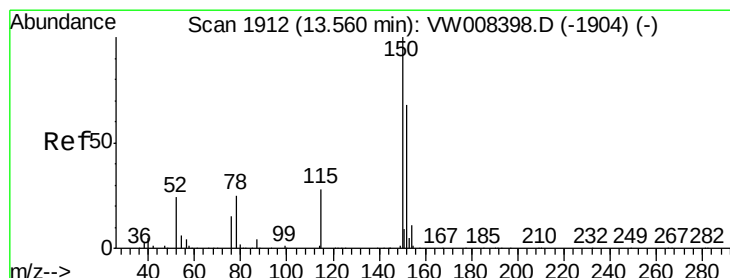
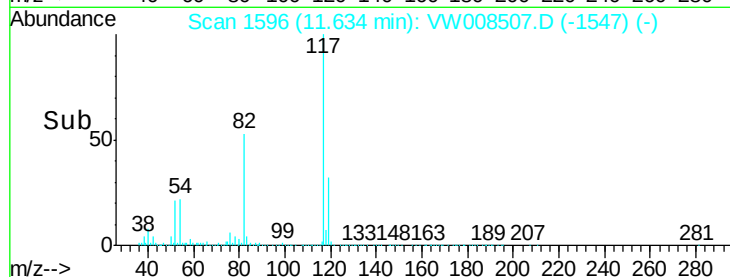
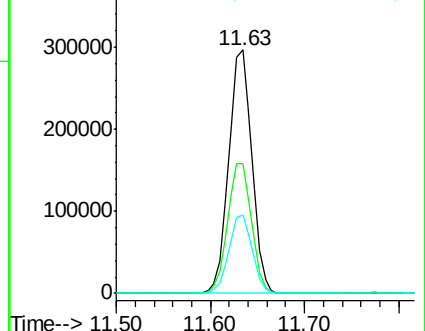
119 31.9 26.2 39.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW008507.D

Acq: 04 Feb 2019 17:42

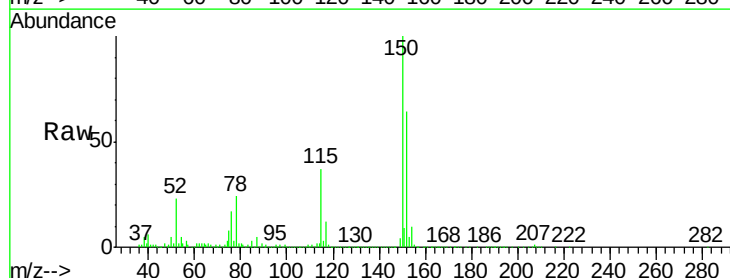
Tgt Ion:152 Resp: 224508

Ion Ratio Lower Upper

152 100

115 57.0 29.9 89.7

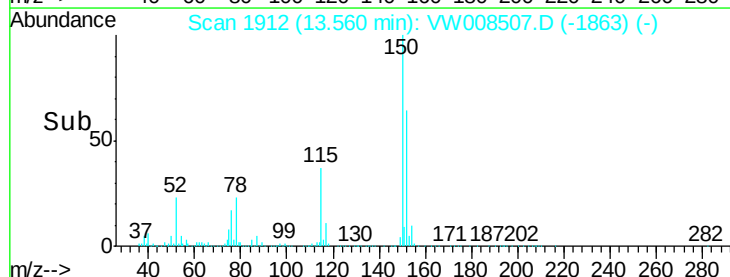
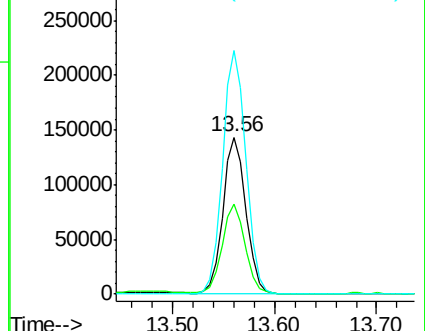
150 156.8 0.0 351.4

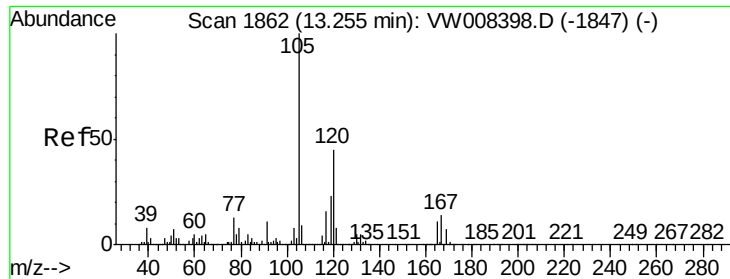


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

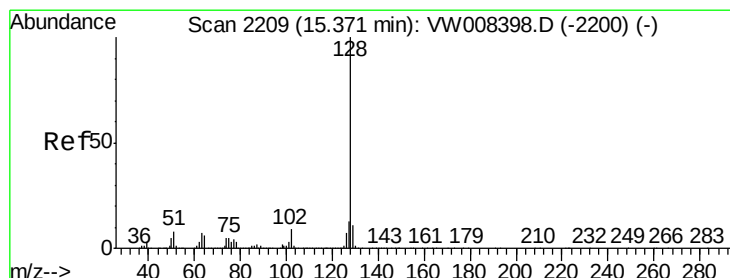
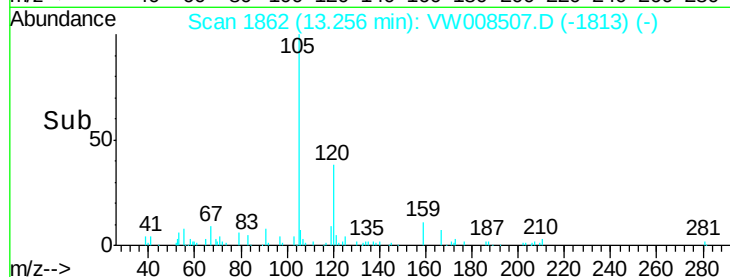
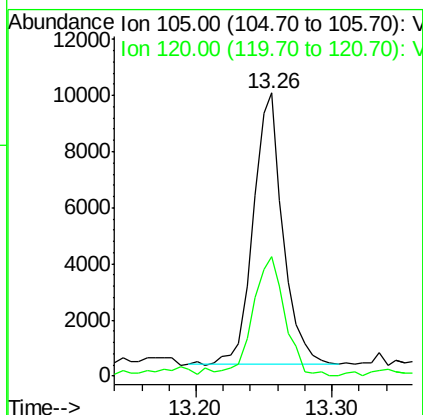
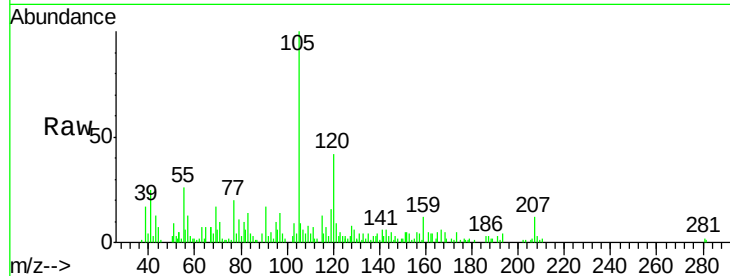




#84
1,2,4-Trimethylbenzene
Concen: 1.037 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW008507.D
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Tot Ion:105 Resp: 14747
Ion Ratio Lower Upper
105 100
120 49.2 23.1 69.2



#95
Naphthalene
Concen: 2.300 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW008507.D
Acq: 04 Feb 2019 17:42

Tgt Ion:128 Resp: 18823
Ion Ratio Lower Upper
128 100
127 15.3 10.6 15.8
129 8.5 8.7 13.1#

