

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW013019\
 Data File : VW008465.D
 Acq On : 30 Jan 2019 14:58
 Operator : SY/VA
 Sample : K1282-13
 Misc : 4.11G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-4

Quant Time: Jan 31 04:08:47 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

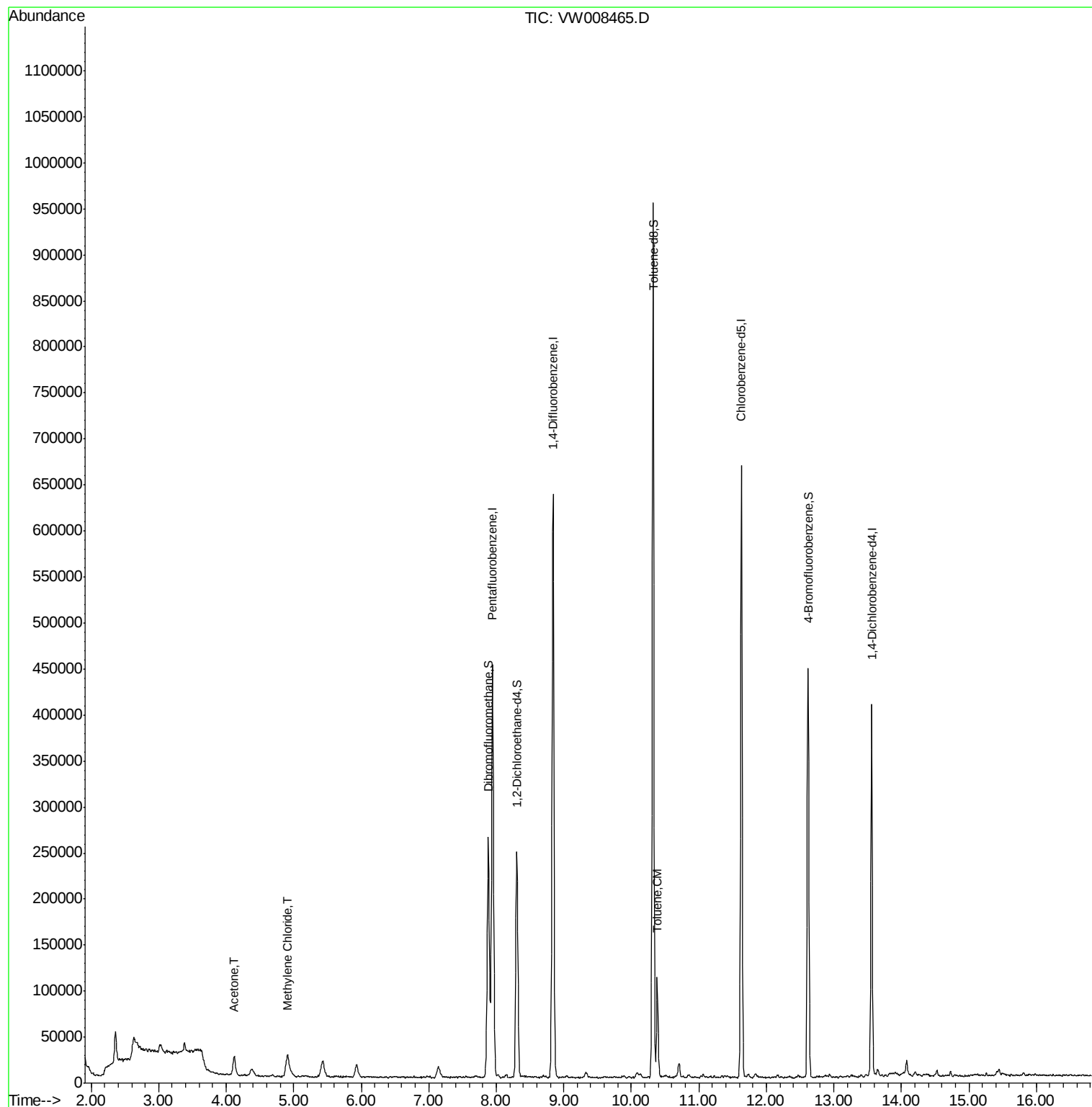
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	350504	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	546158	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	382888	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	106465	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	178606	51.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.74%	
35) Dibromofluoromethane	7.88	113	179461	56.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.38%	
50) Toluene-d8	10.32	98	621901	48.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.12%	
62) 4-Bromofluorobenzene	12.62	95	144370	29.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	58.66%	
Target Compounds						
16) Acetone	4.12	43	36068	46.644	ug/l	Qvalue 100
20) Methylene Chloride	4.91	84	19506	5.473	ug/l	86
52) Toluene	10.38	92	46889	4.962	ug/l	99

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

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Quant Title : SW846 8260
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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: VW008465.D

Acq: 30 Jan 2019 14:58

Instrument :

MSVOA_W

ClientSampleId :

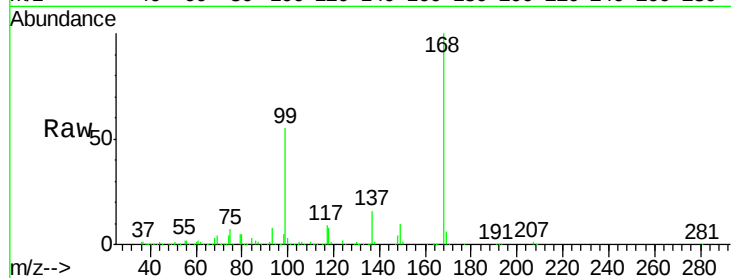
TP-4

Tot Ion:168 Resp: 350504

Ion Ratio Lower Upper

168 100

99 55.2 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

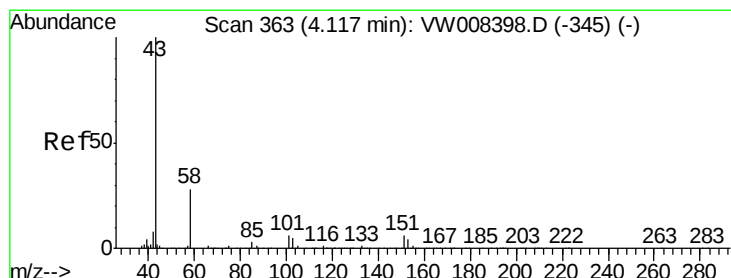
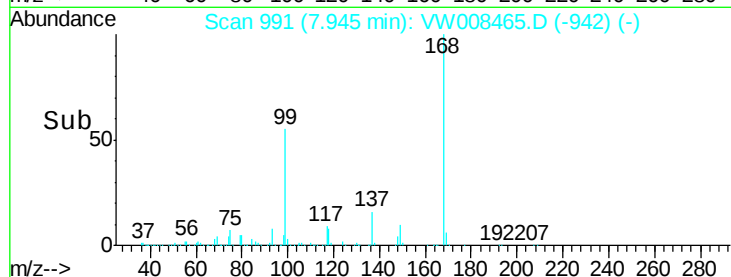
100000

50000

0

Time-->

7.80 7.90 8.00 8.10



#16

Acetone

Concen: 46.644 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW008465.D

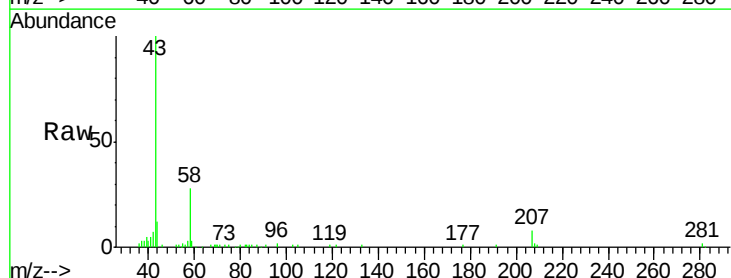
Acq: 30 Jan 2019 14:58

Tgt Ion: 43 Resp: 36068

Ion Ratio Lower Upper

43 100

58 28.2 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

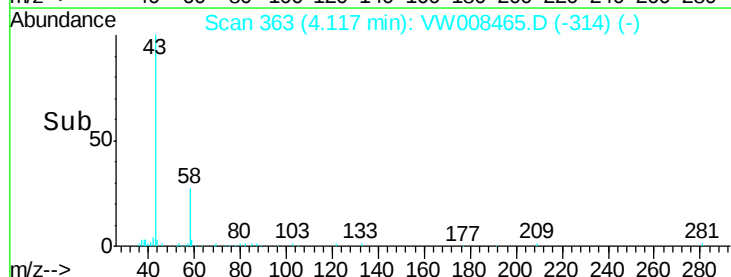
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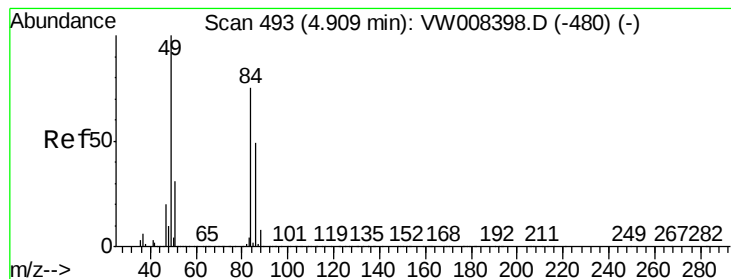
5000

0

Time-->

4.00 4.10 4.20





#20

Methylene Chloride

Concen: 5.473 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.00 min

Lab File: VW008465.D

Acq: 30 Jan 2019 14:58

Instrument :

MSVOA_W

ClientSampleId :

TP-4

Tot Ion: 84 Resp: 19506

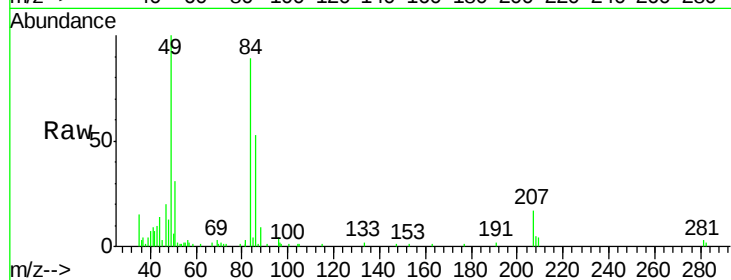
Ion Ratio Lower Upper

84 100

49 111.8 106.8 160.2

51 34.3 32.9 49.3

86 59.3 52.2 78.2

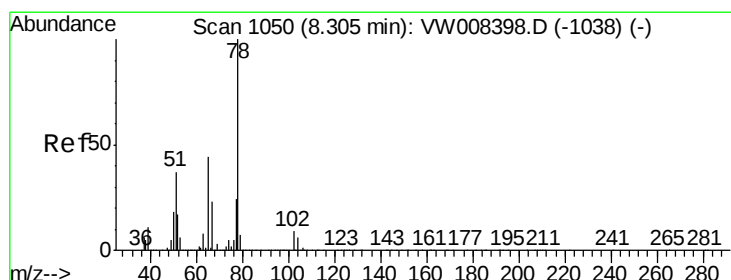
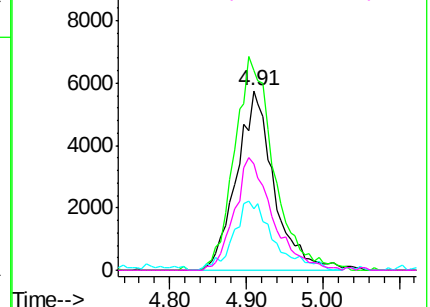
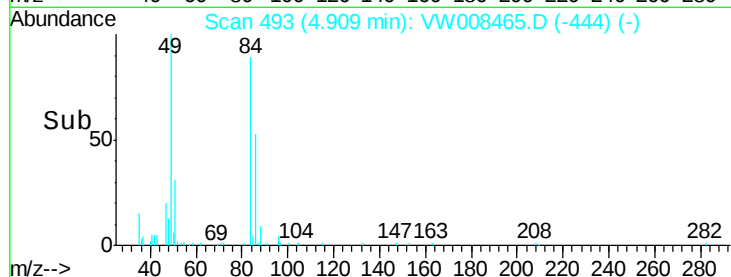


Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#33

1,2-Dichloroethane-d4

Concen: 51.869 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW008465.D

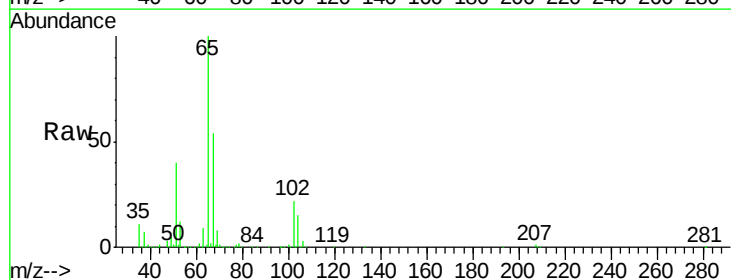
Acq: 30 Jan 2019 14:58

Tgt Ion: 65 Resp: 178606

Ion Ratio Lower Upper

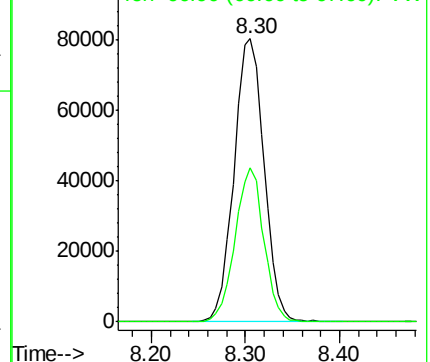
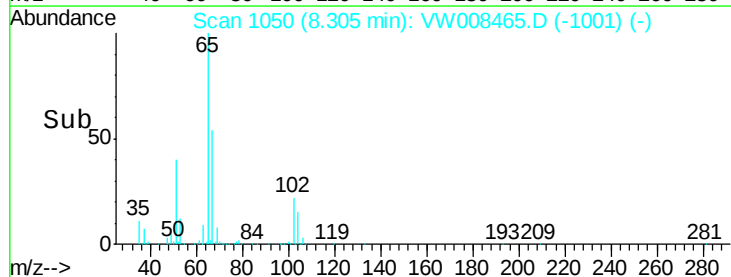
65 100

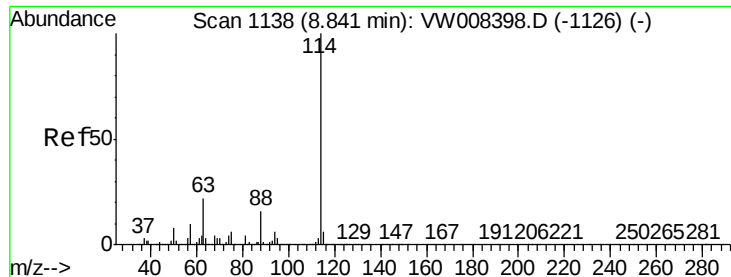
67 52.1 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

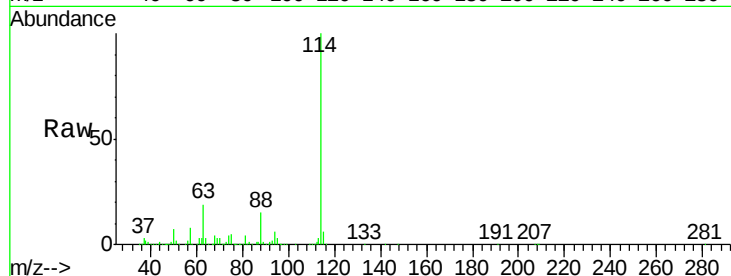




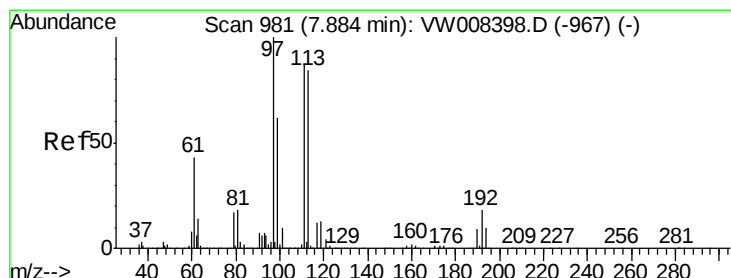
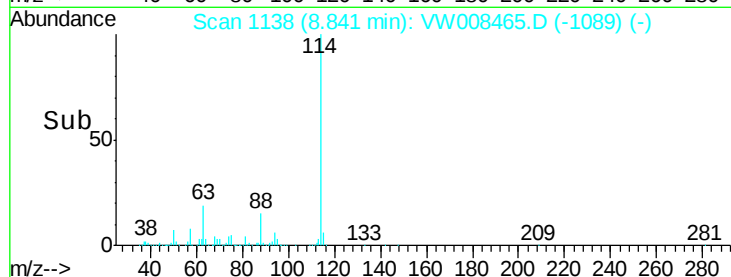
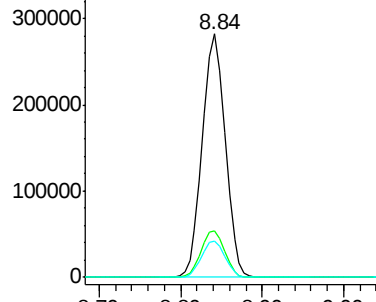
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW008465.D
Acq: 30 Jan 2019 14:58

Instrument :
MSVOA_W
ClientSampleId :
TP-4

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	43.6
88	14.9	0.0	31.8

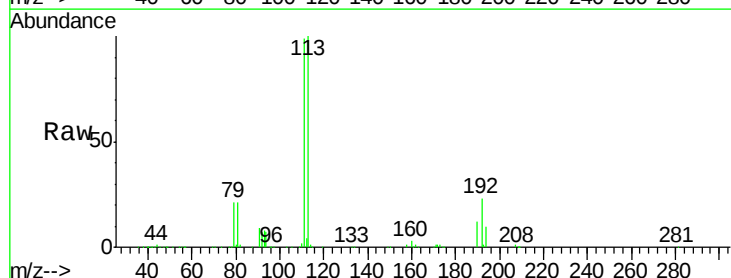


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

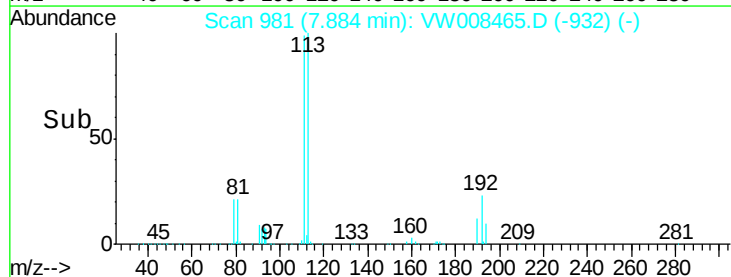
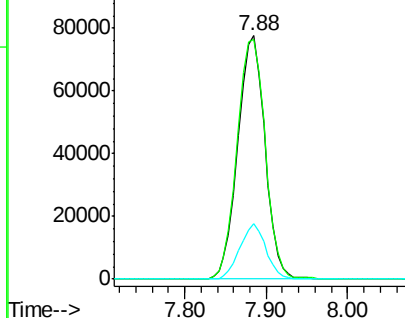


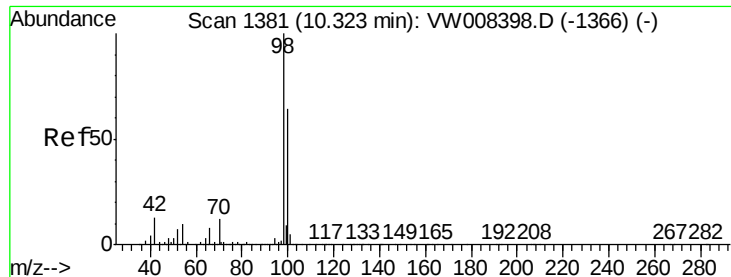
#35
Dibromofluoromethane
Concen: 56.194 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW008465.D
Acq: 30 Jan 2019 14:58

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.0	121.4
192	22.1	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: 48.562 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW008465.D

Acq: 30 Jan 2019 14:58

Instrument :

MSVOA_W

ClientSampled :

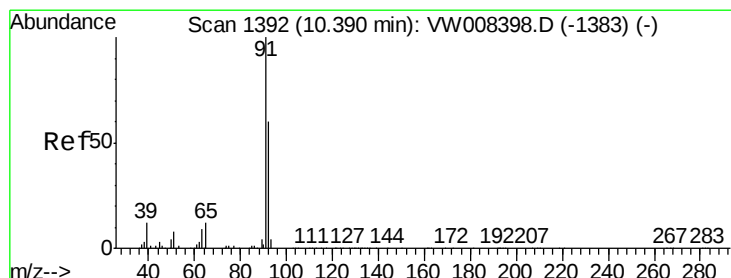
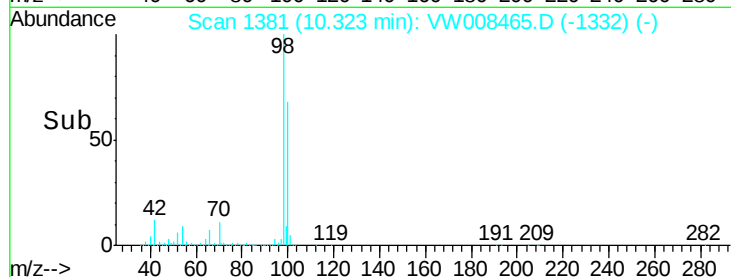
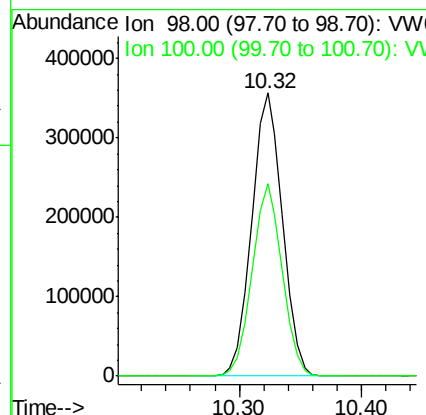
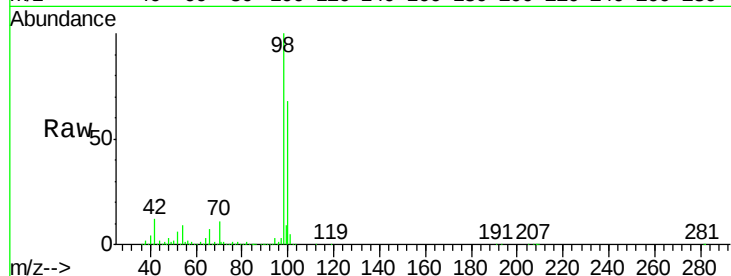
TP-4

Tot Ion: 98 Resp: 621901

Ion Ratio Lower Upper

98 100

100 66.5 52.6 78.8



#52

Toluene

Concen: 4.962 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW008465.D

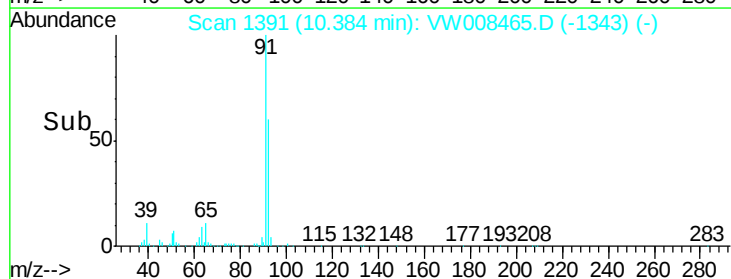
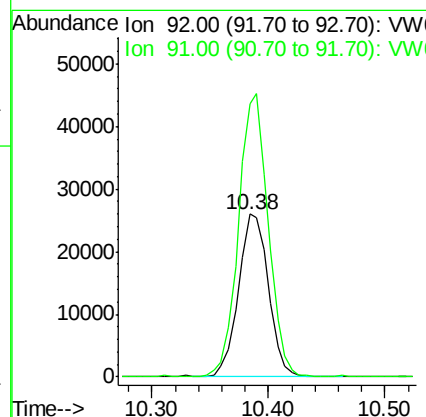
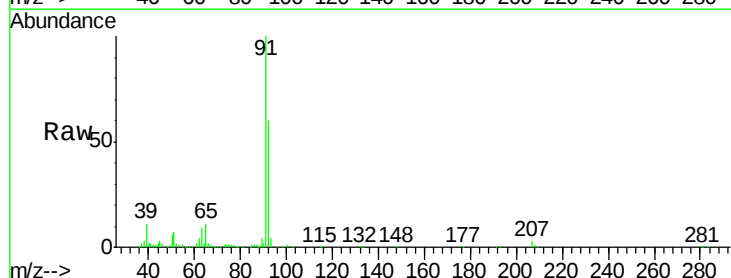
Acq: 30 Jan 2019 14:58

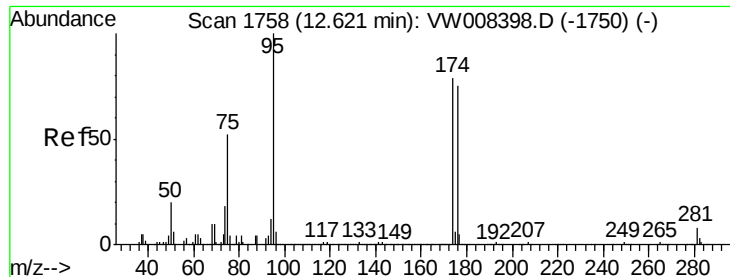
Tgt Ion: 92 Resp: 46889

Ion Ratio Lower Upper

92 100

91 171.1 135.5 203.3

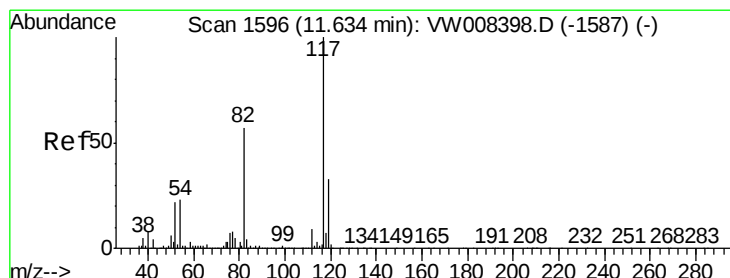
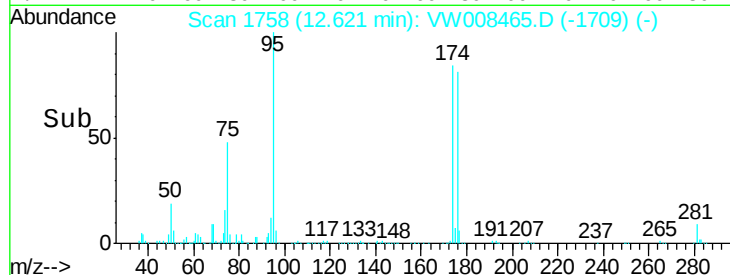
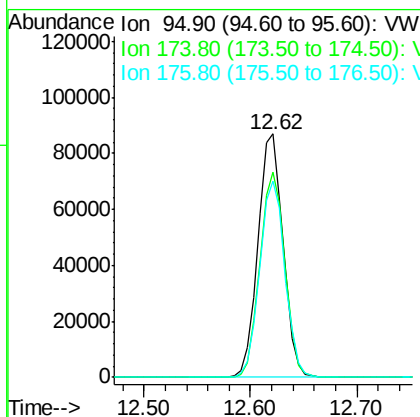
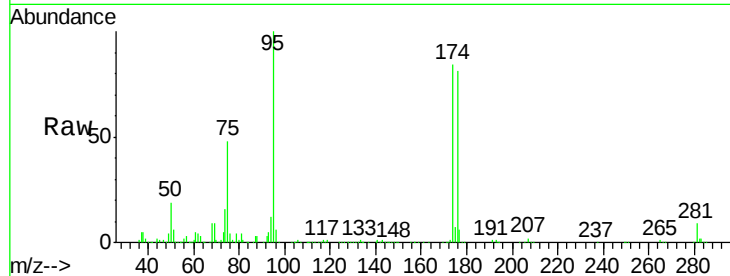




#62
4-Bromofluorobenzene
Concen: 29.328 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW008465.D
Acq: 30 Jan 2019 14:58

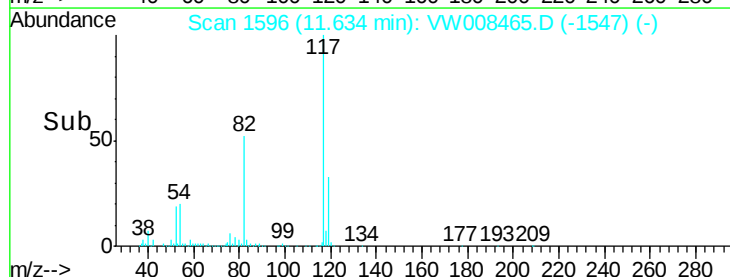
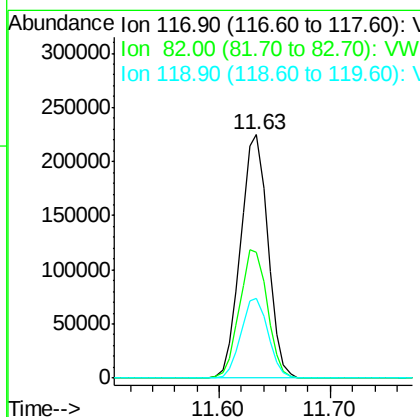
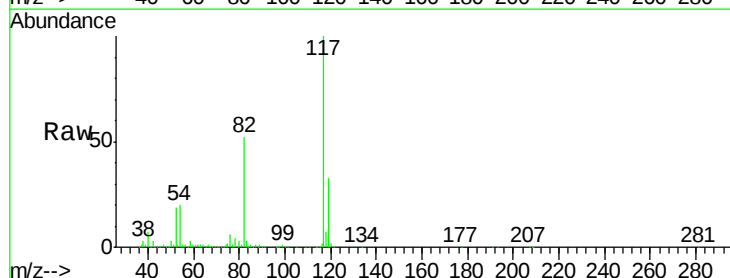
Instrument :
MSVOA_W
ClientSampled :
TP-4

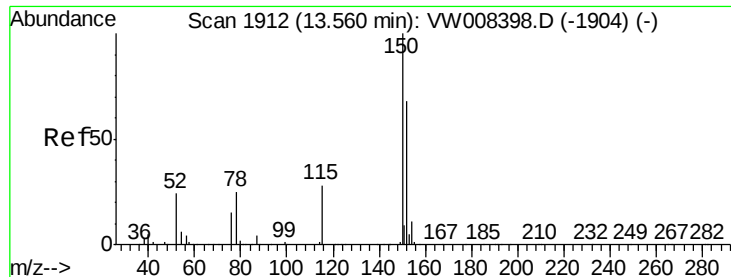
Tot Ion: 95 Resp: 144370
Ion Ratio Lower Upper
95 100
174 83.6 0.0 157.6
176 80.5 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008465.D
Acq: 30 Jan 2019 14:58

Tgt Ion: 117 Resp: 382888
Ion Ratio Lower Upper
117 100
82 51.9 45.4 68.0
119 32.7 26.2 39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW008465.D

Acq: 30 Jan 2019 14:58

Instrument :

MSVOA_W

ClientSampleId :

TP-4

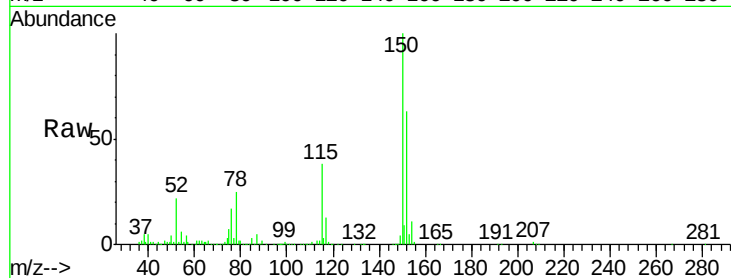
Tot Ion:152 Resp: 106465

Ion Ratio Lower Upper

152 100

115 57.6 29.9 89.7

150 155.7 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

