

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110618\
 Data File : VW006717.D
 Acq On : 07 Nov 2018 06:21
 Operator : SY/AP
 Sample : J5771-03
 Misc : 6.18G/5ML/MSVOA W/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EO-01-110218-B

Quant Time: Nov 07 12:42:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

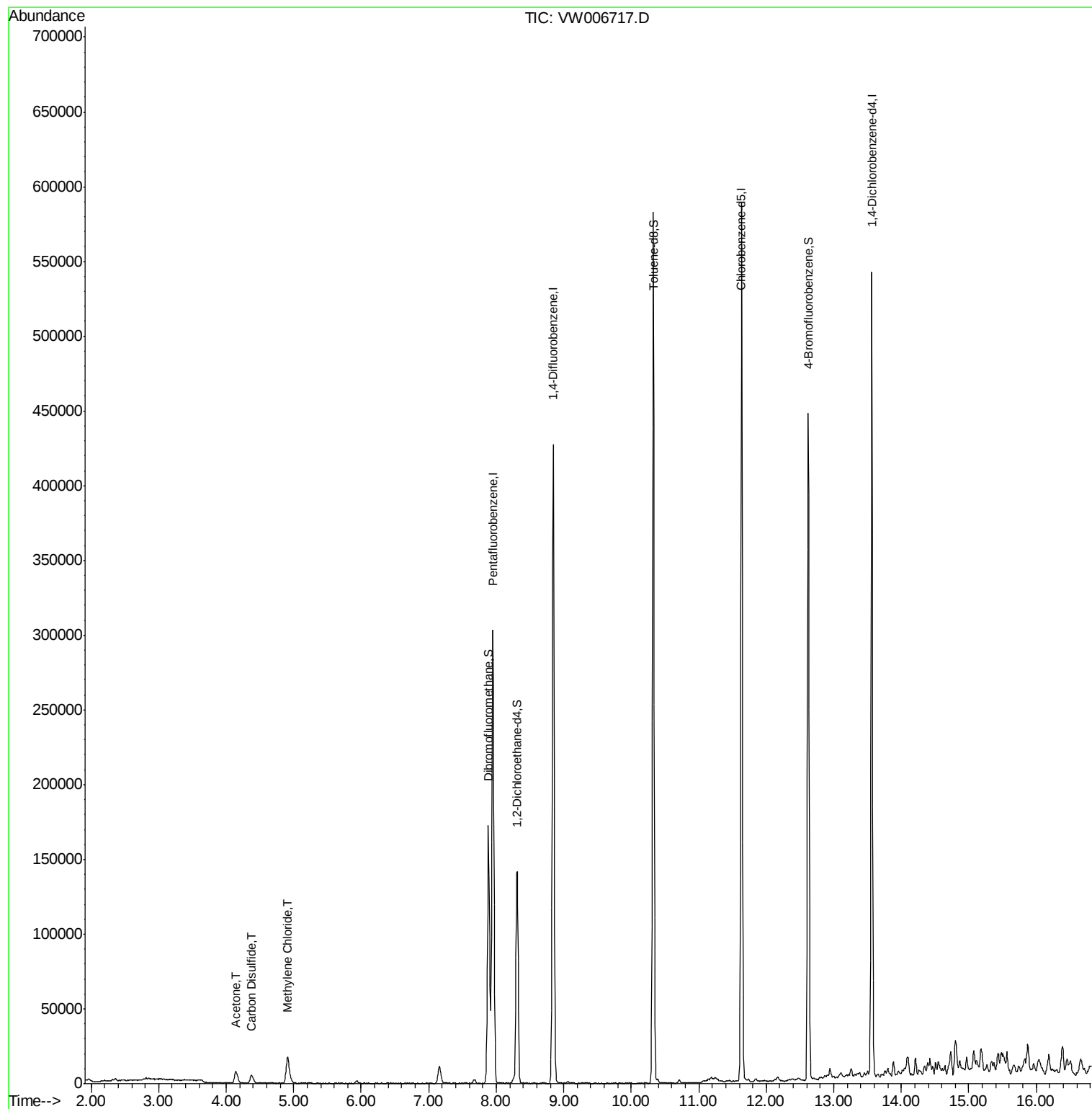
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	251748	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	387548	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	345579	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	156278	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	115339	53.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.60%	
35) Dibromofluoromethane	7.88	113	121292	49.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.74%	
50) Toluene-d8	10.33	98	408623	44.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.26%	
62) 4-Bromofluorobenzene	12.62	95	133904	39.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.78%	
Target Compounds						
16) Acetone	4.14	43	16570	47.427	ug/l	99
17) Carbon Disulfide	4.38	76	13522	2.314	ug/l	99
20) Methylene Chloride	4.91	84	15956	1.219	ug/l	98

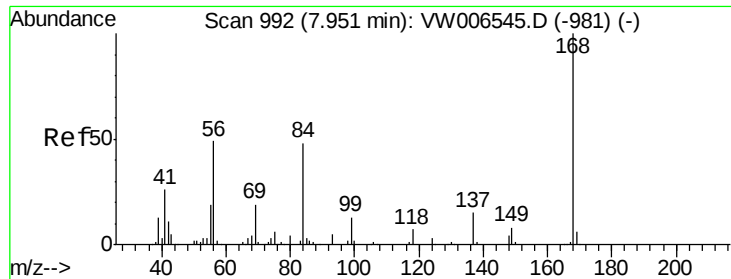
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

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Acq: 07 Nov 2018 06:21

Instrument :

MSVOA_W

ClientSampleId :

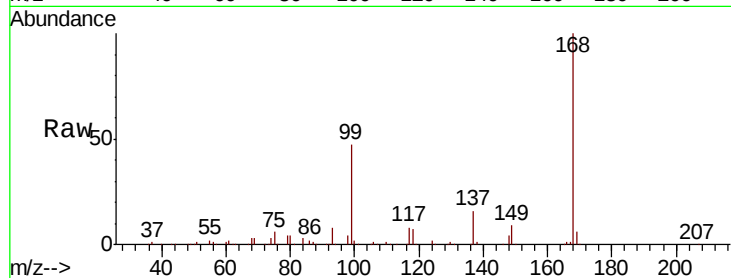
EO-01-110218-B

Tot Ion:168 Resp: 251748

Ion Ratio Lower Upper

168 100

99 47.1 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

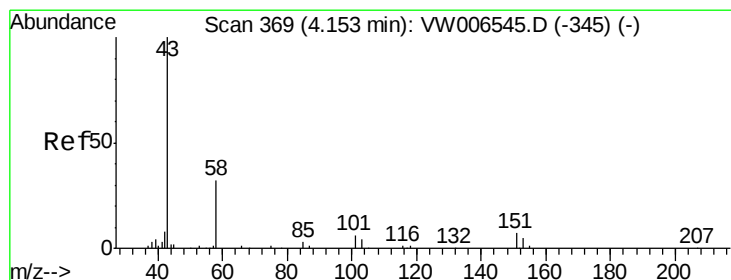
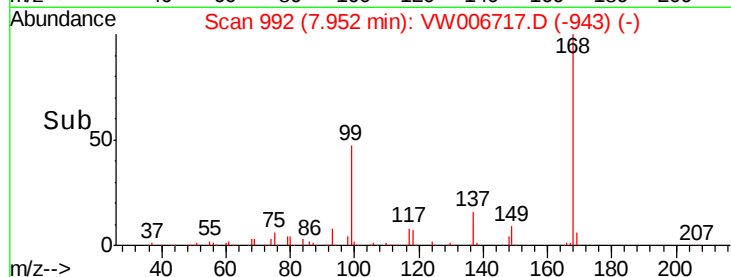
7.95

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 47.427 ug/l

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW006717.D

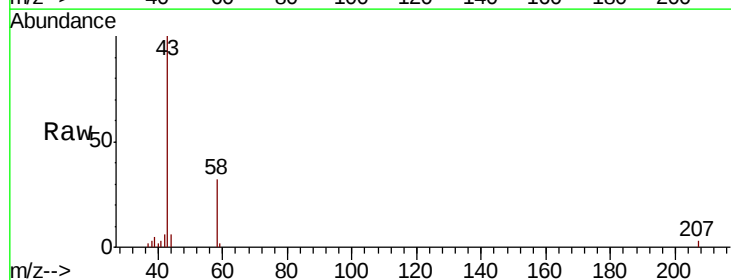
Acq: 07 Nov 2018 06:21

Tgt Ion: 43 Resp: 16570

Ion Ratio Lower Upper

43 100

58 31.8 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

5000

4000

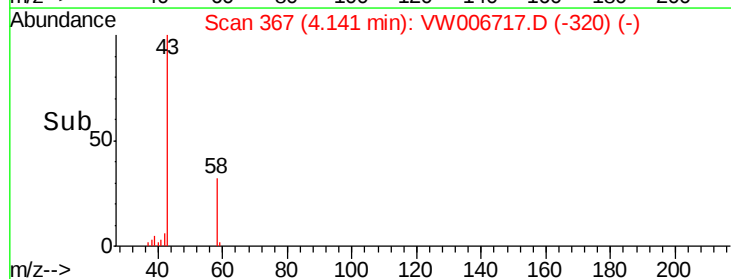
3000

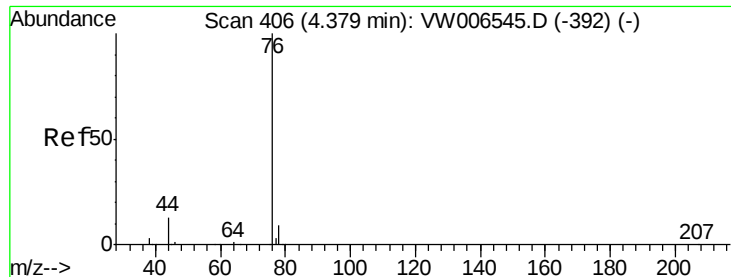
2000

1000

0

Time--> 4.00 4.10 4.20 4.30





#17

Carbon Disulfide

Concen: 2.314 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW006717.D

Acq: 07 Nov 2018 06:21

Instrument :

MSVOA_W

ClientSampleId :

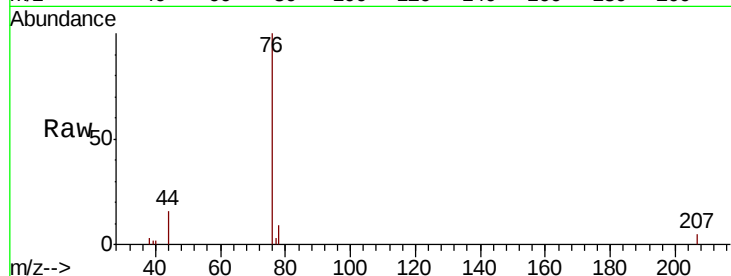
EO-01-110218-B

Tot Ion: 76 Resp: 13522

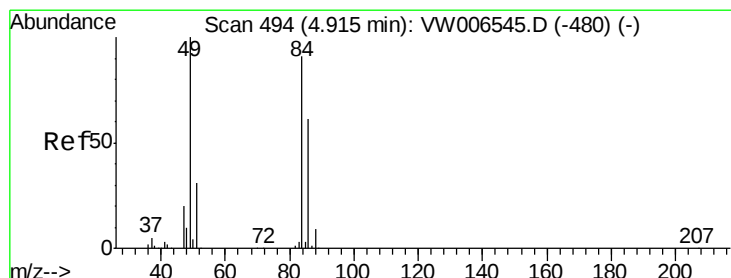
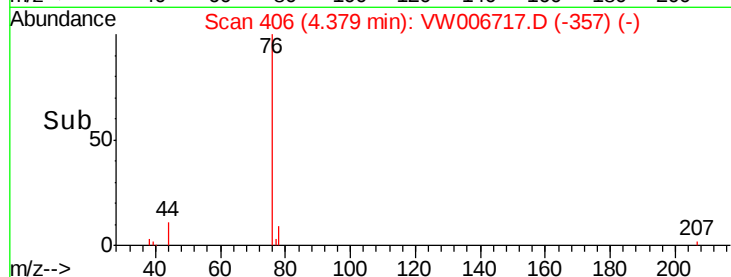
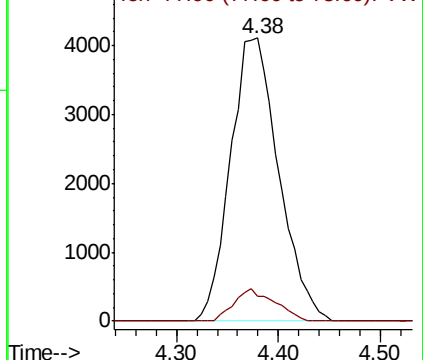
Ion Ratio Lower Upper

76 100

78 8.9 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VW
Ion 77.90 (77.60 to 78.60): VW



#20

Methylene Chloride

Concen: 1.219 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW006717.D

Acq: 07 Nov 2018 06:21

Tgt Ion: 84 Resp: 15956

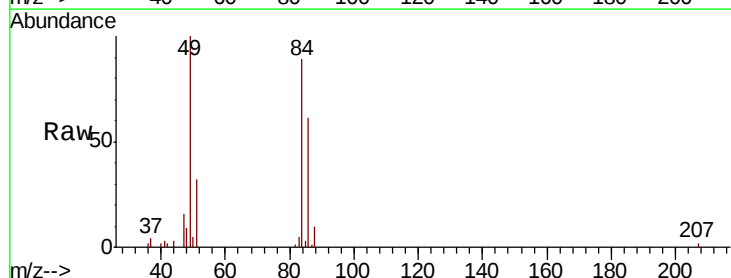
Ion Ratio Lower Upper

84 100

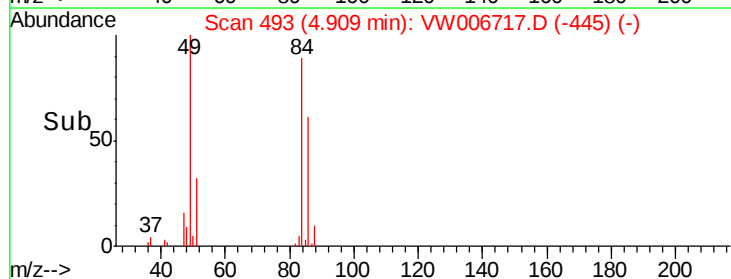
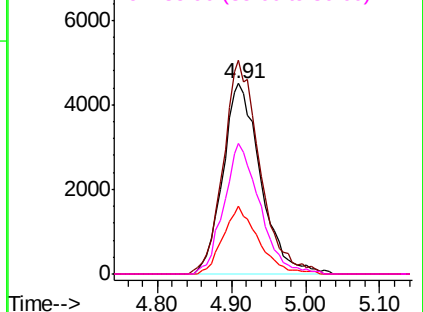
49 112.0 88.2 132.4

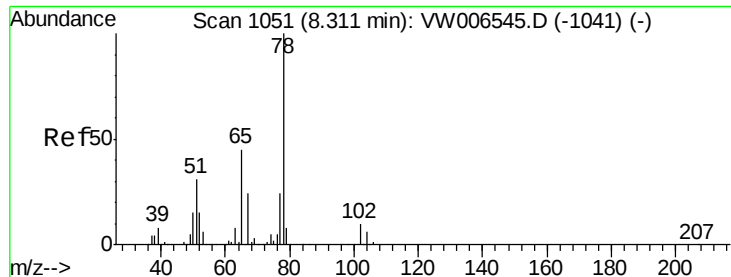
51 35.9 27.0 40.6

86 68.3 53.8 80.8



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: 53.299 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006717.D

Acq: 07 Nov 2018 06:21

Instrument :

MSVOA_W

ClientSampleId :

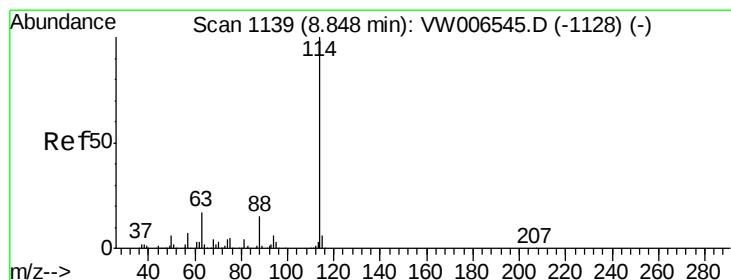
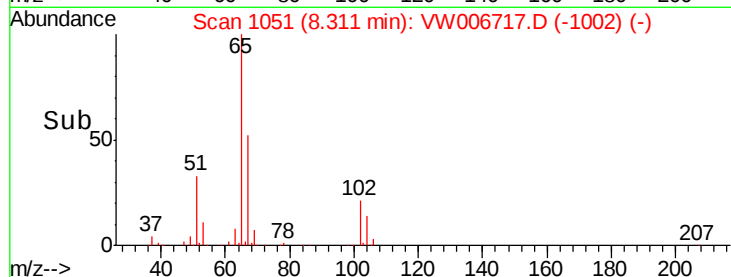
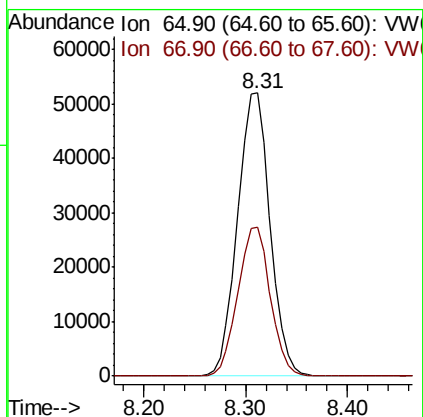
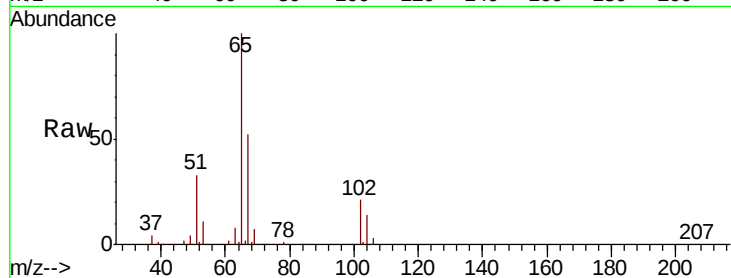
EO-01-110218-B

Tot Ion: 65 Resp: 115339

Ion Ratio Lower Upper

65 100

67 52.6 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW006717.D

Acq: 07 Nov 2018 06:21

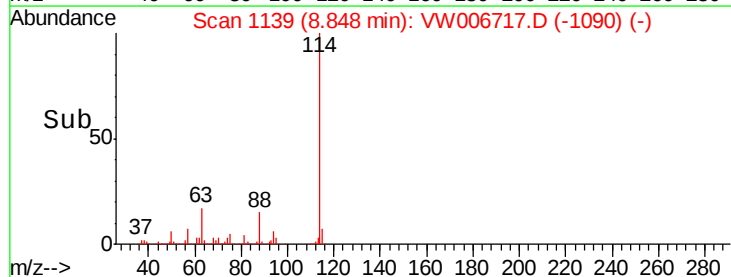
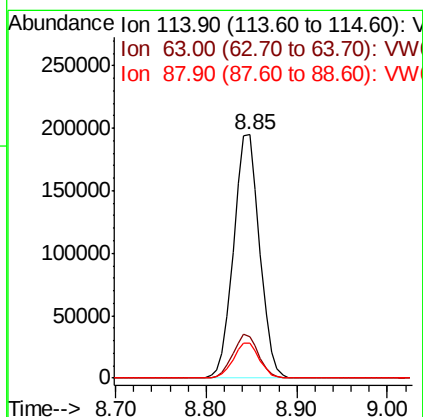
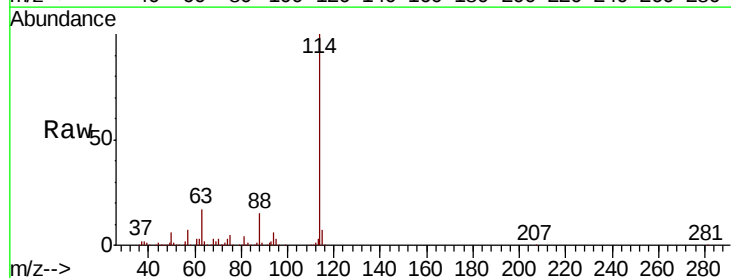
Tgt Ion: 114 Resp: 387548

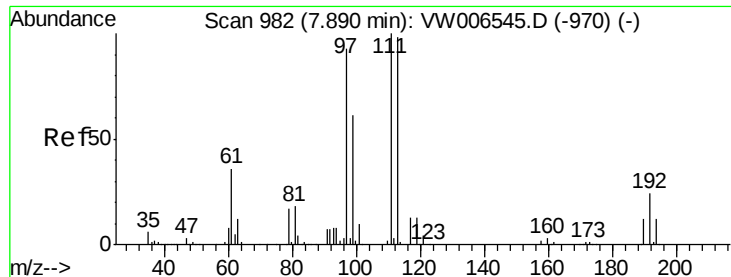
Ion Ratio Lower Upper

114 100

63 16.9 0.0 34.4

88 14.5 0.0 29.0

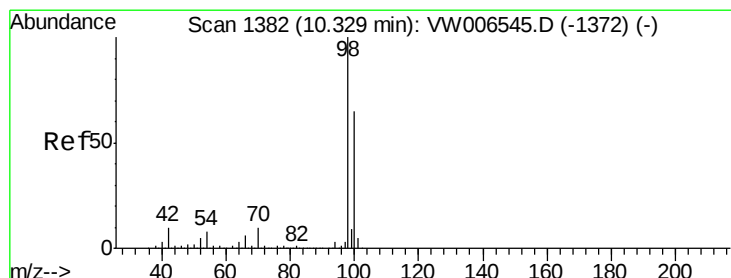
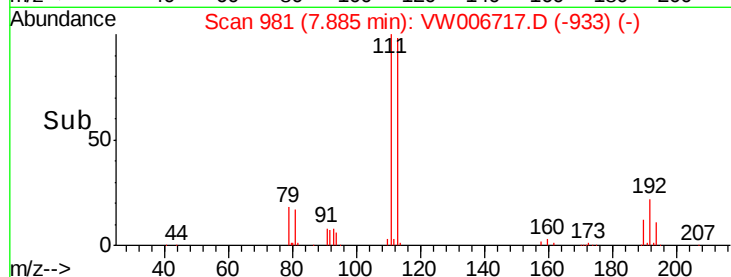
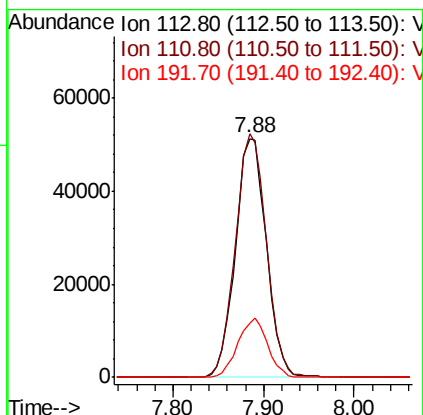
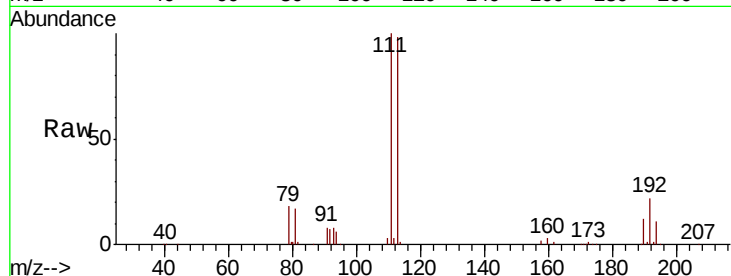




#35
Dibromofluoromethane
Concen: 49.870 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.01 min
Lab File: VW006717.D
Acq: 07 Nov 2018 06:21

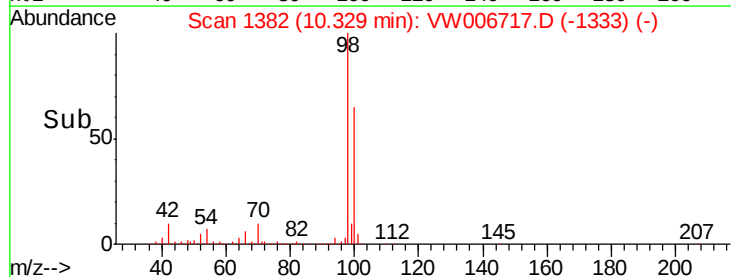
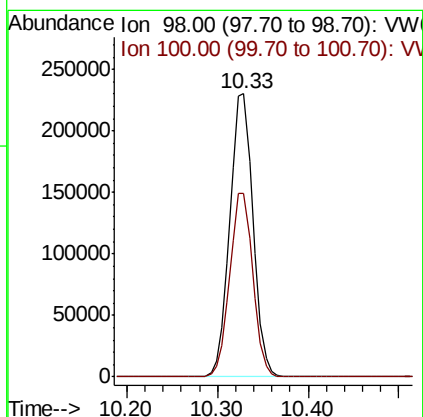
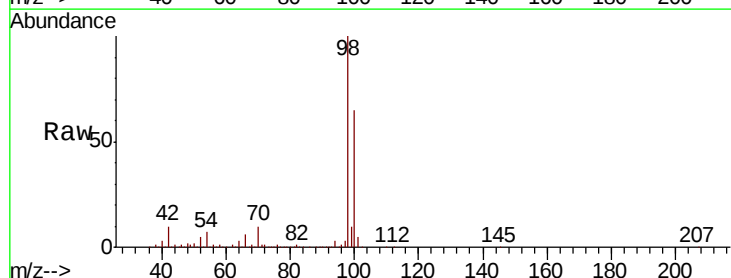
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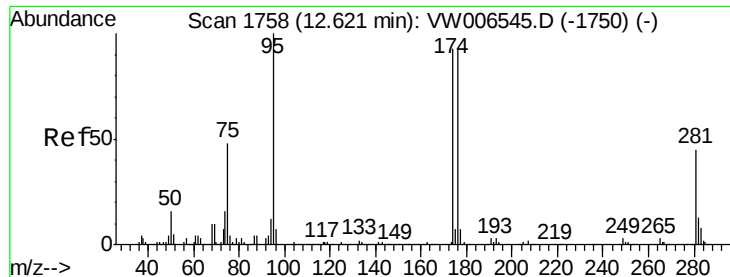
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.2	123.2
192	23.7	19.0	28.6



#50
Toluene-d8
Concen: 44.133 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006717.D
Acq: 07 Nov 2018 06:21

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.6	77.4

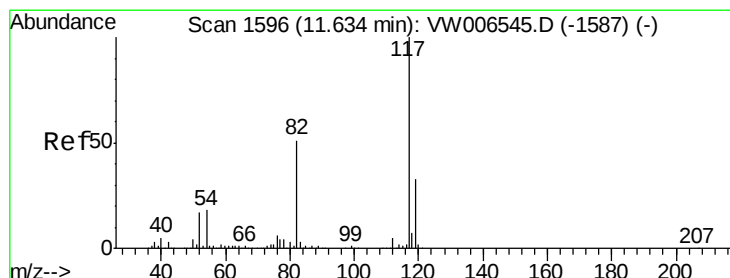
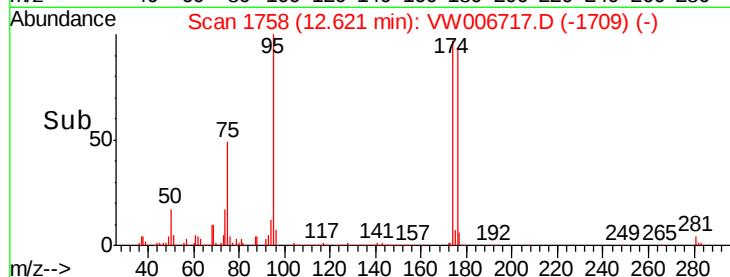
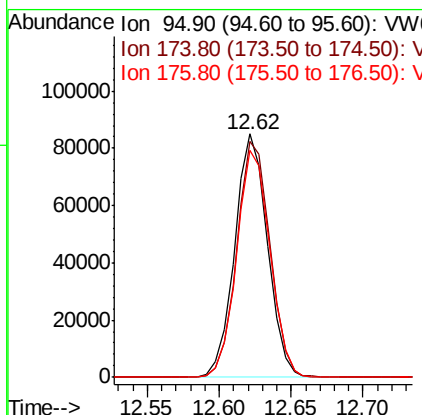
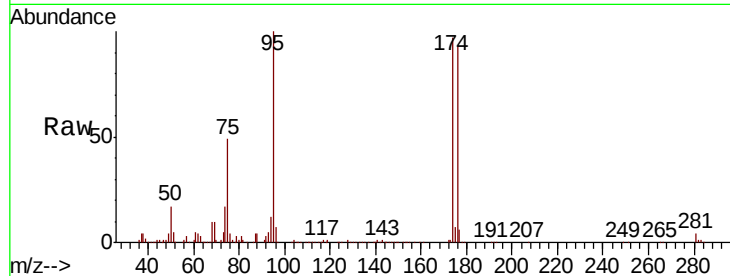




#62
4-Bromofluorobenzene
Concen: 39.892 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006717.D
Acq: 07 Nov 2018 06:21

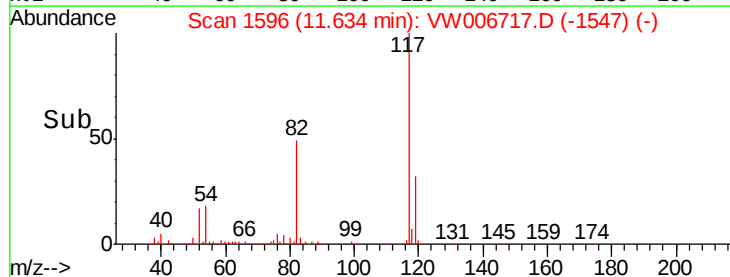
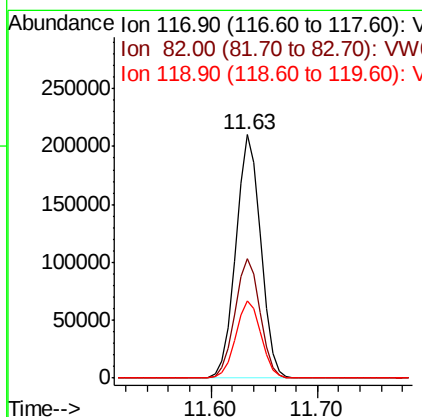
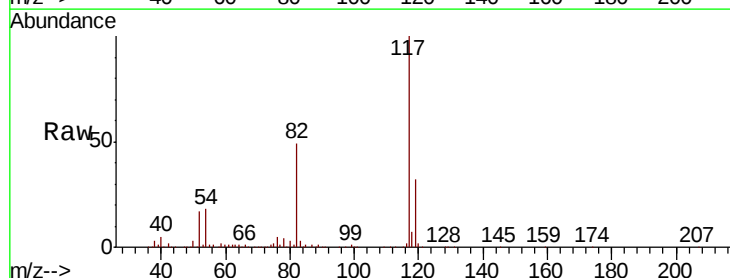
Instrument :
MSVOA_W
ClientSampleId :
EO-01-110218-B

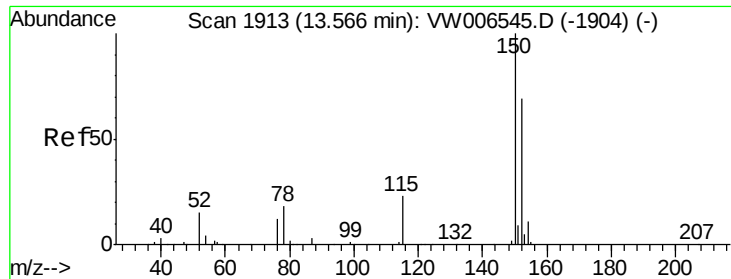
Tot Ion: 95 Resp: 133904
Ion Ratio Lower Upper
95 100
174 98.7 0.0 192.4
176 95.1 0.0 187.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006717.D
Acq: 07 Nov 2018 06:21

Tgt Ion: 117 Resp: 345579
Ion Ratio Lower Upper
117 100
82 49.3 40.8 61.2
119 31.8 26.1 39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.01 min

Lab File: VW006717.D

Acq: 07 Nov 2018 06:21

Instrument :

MSVOA_W

ClientSampleId :

EO-01-110218-B

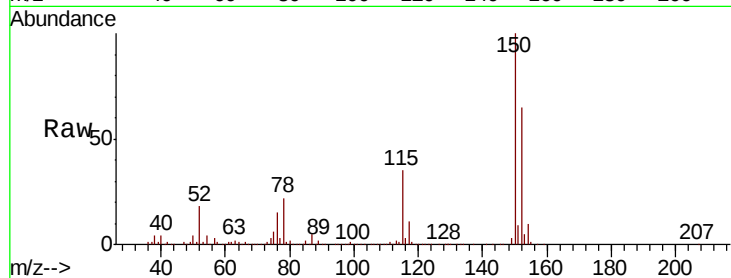
Tot Ion:152 Resp: 156278

Ion Ratio Lower Upper

152 100

115 53.2 26.6 79.8

150 153.9 0.0 344.6



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

