

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101218\
 Data File : VW006031.D
 Acq On : 11 Oct 2018 15:40
 Operator : VA/AP
 Sample : J5450-01RE
 Misc : 5.08G/5ML/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VNJ218-210-282RE

Quant Time: Oct 12 01:35:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 09 02:14:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	218500	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	323310	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	294919	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	158769	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	103159	48.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.26%	
35) Dibromofluoromethane	7.88	113	99696	48.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.60%	
50) Toluene-d8	10.33	98	367899	46.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.64%	
62) 4-Bromofluorobenzene	12.62	95	135241	44.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.52%	

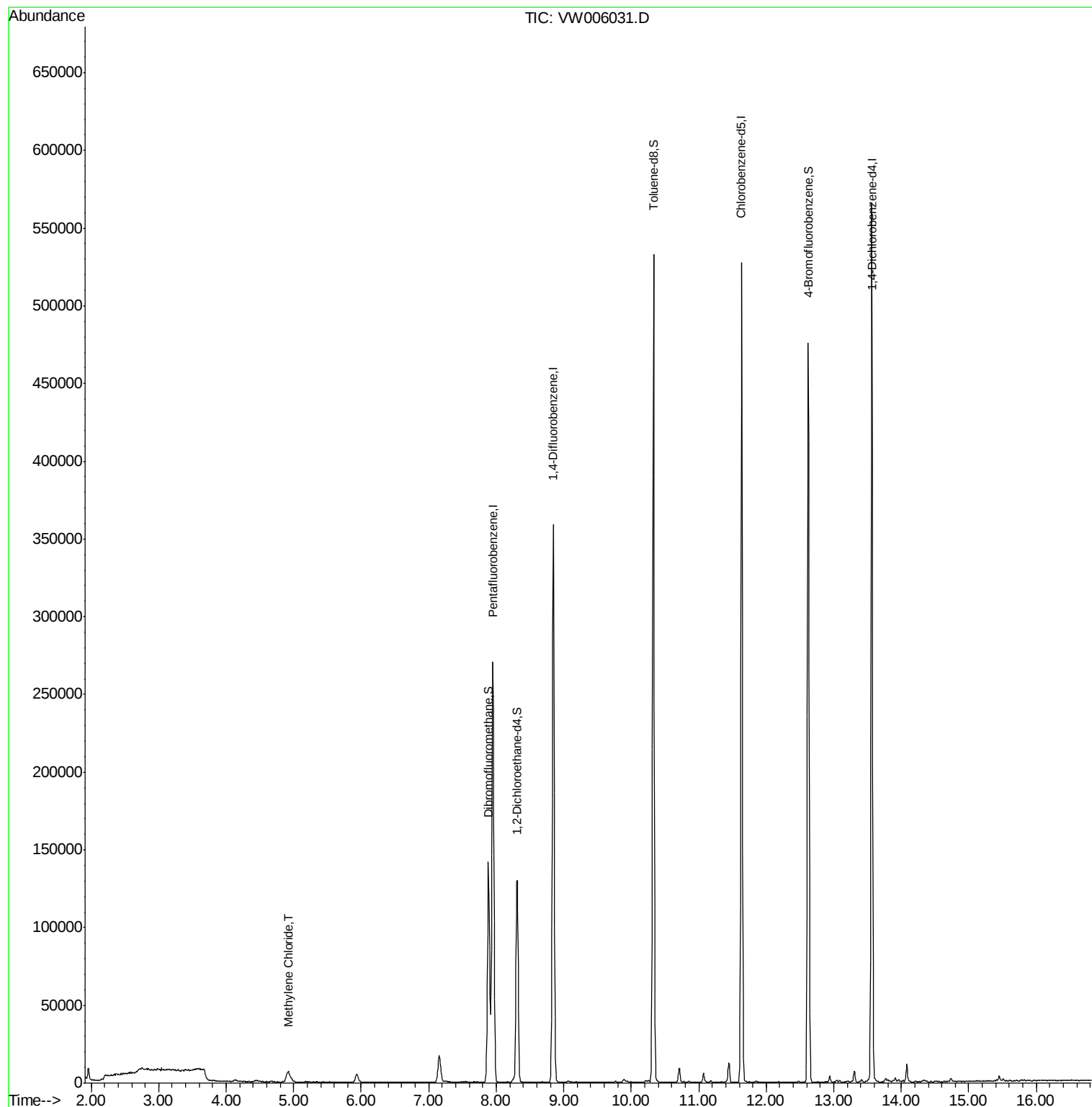
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.92	84	7307	3.44	ug/l	85

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

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QLast Update : Tue Oct 09 02:14:04 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006031.D

Acq: 11 Oct 2018 15:40

Instrument :

MSVOA_W

ClientSampleId :

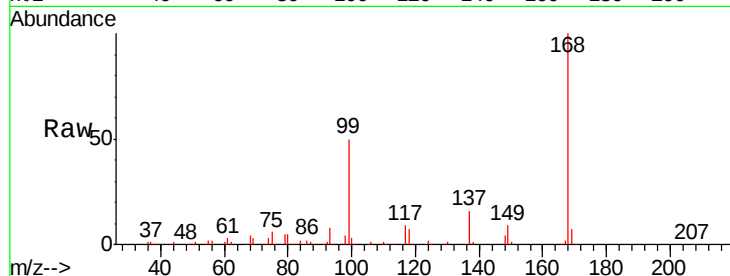
VNJ218-210-282RE

Tgt Ion:168 Resp: 218500

Ion Ratio Lower Upper

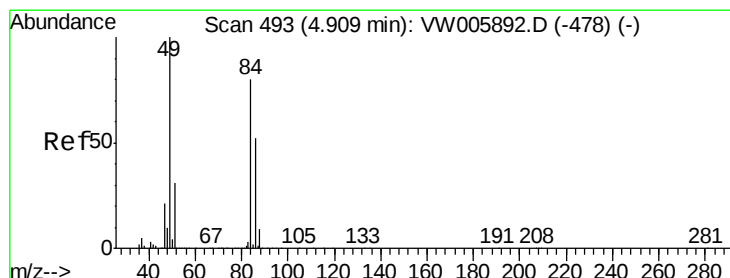
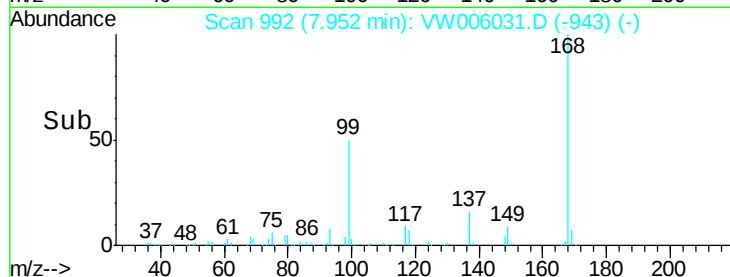
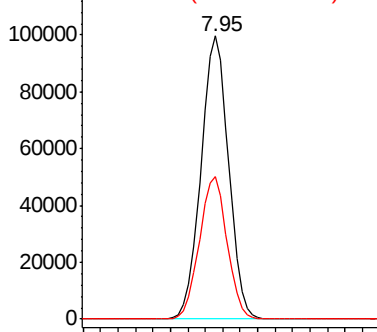
168 100

99 50.3 40.9 61.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#20

Methylene Chloride

Concen: 3.44 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW006031.D

Acq: 11 Oct 2018 15:40

Tgt Ion: 84 Resp: 7307

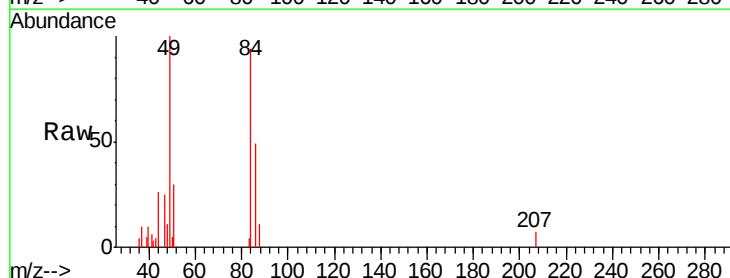
Ion Ratio Lower Upper

84 100

49 106.4 99.9 149.9

51 31.9 31.1 46.7

86 52.1 51.8 77.6

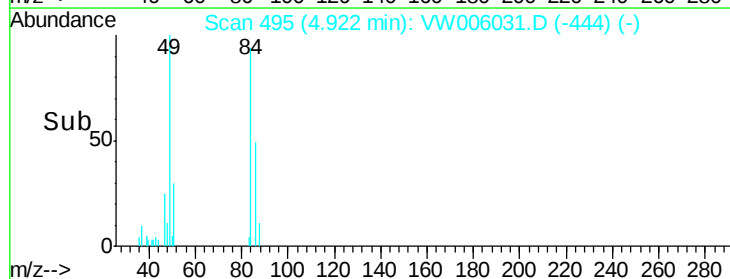
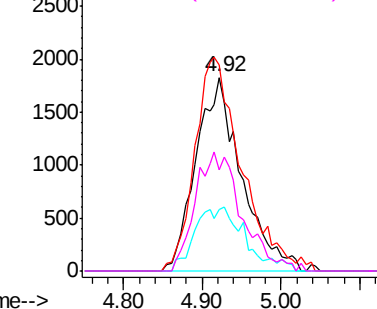


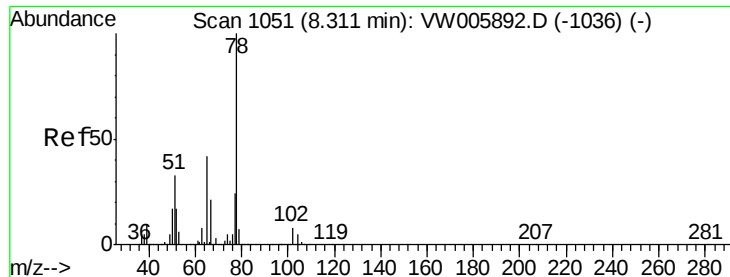
Abundance Ion 83.90 (83.60 to 84.60): VW

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: 48.63 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006031.D

Acq: 11 Oct 2018 15:40

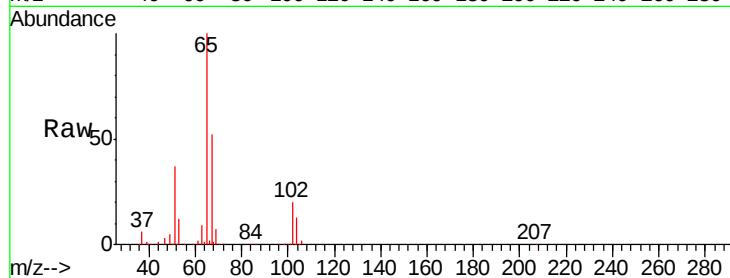
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Tgt Ion: 65 Resp: 103159

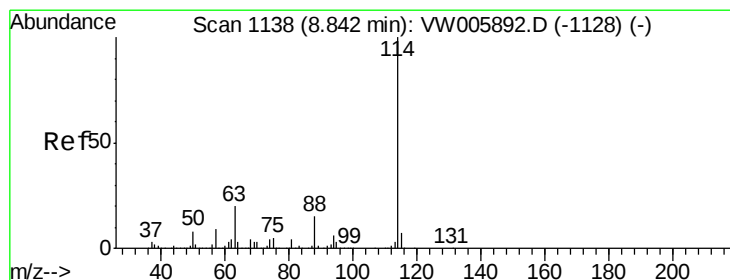
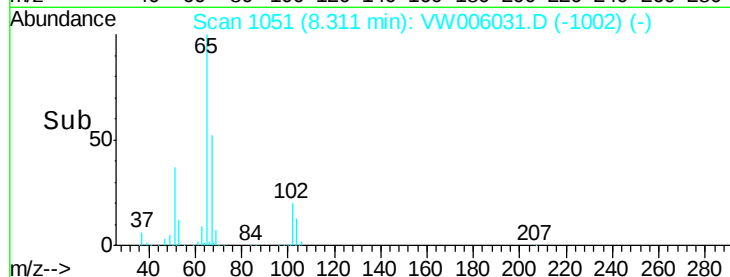
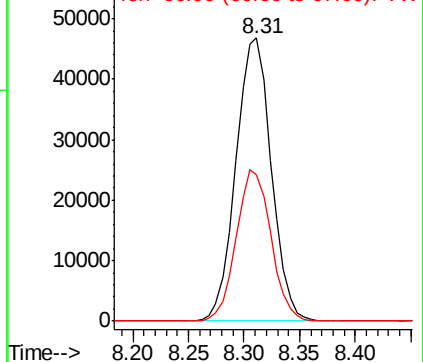
Ion Ratio Lower Upper

65 100

67 52.5 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.01 min

Lab File: VW006031.D

Acq: 11 Oct 2018 15:40

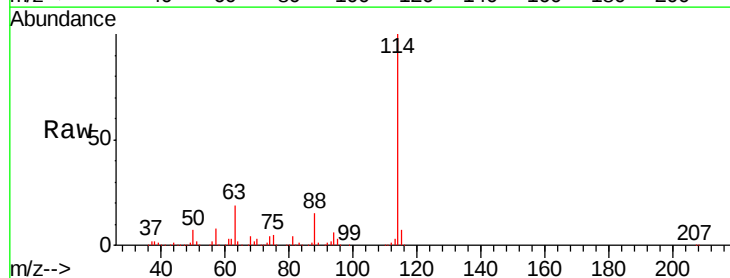
Tgt Ion: 114 Resp: 323310

Ion Ratio Lower Upper

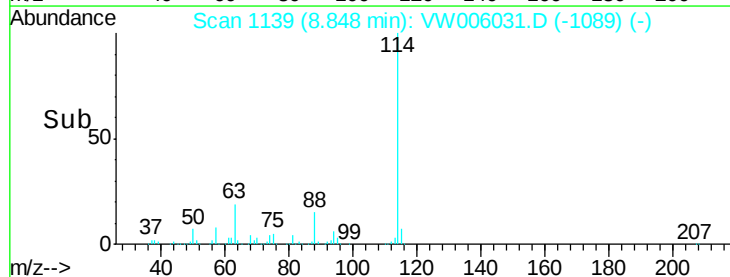
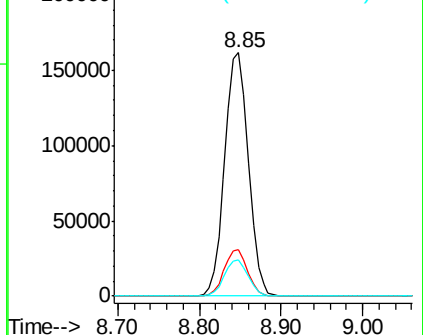
114 100

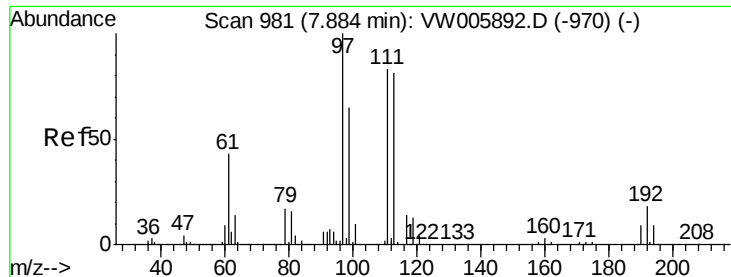
63 18.9 0.0 39.2

88 14.8 0.0 30.8



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

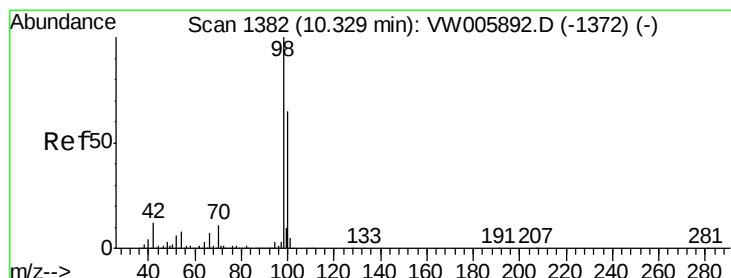
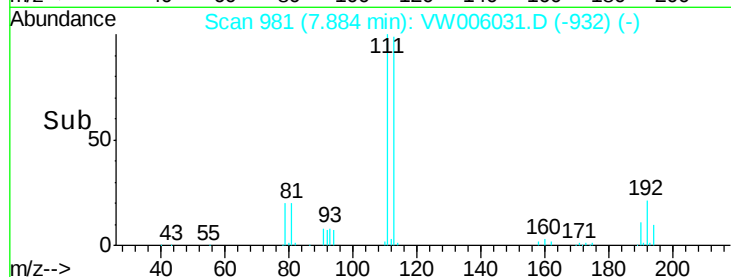
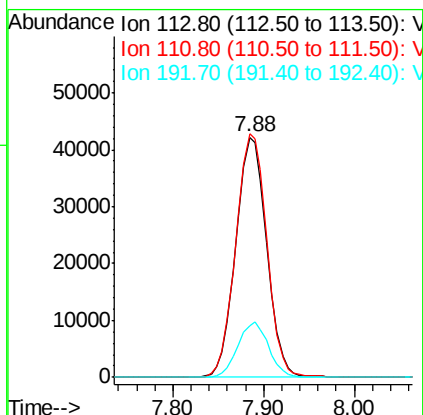
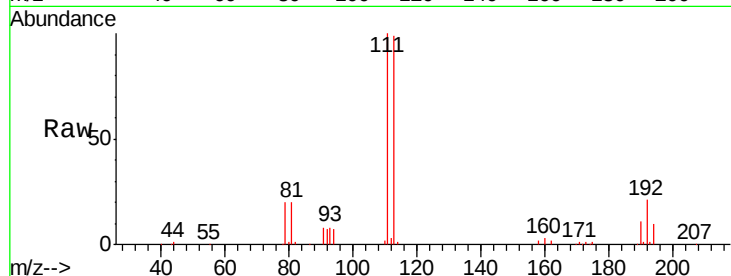




#35
 Dibromofluoromethane
 Concen: 48.30 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW006031.D
 Acq: 11 Oct 2018 15:40

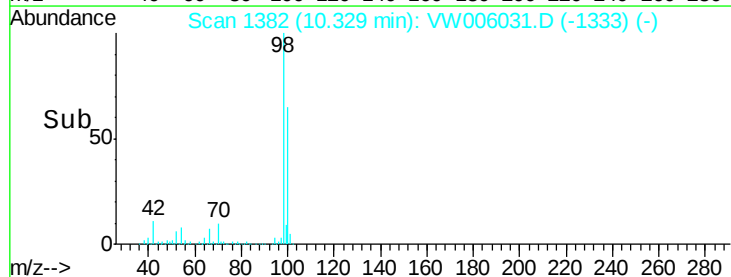
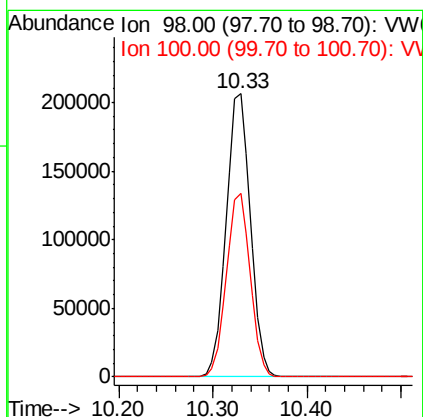
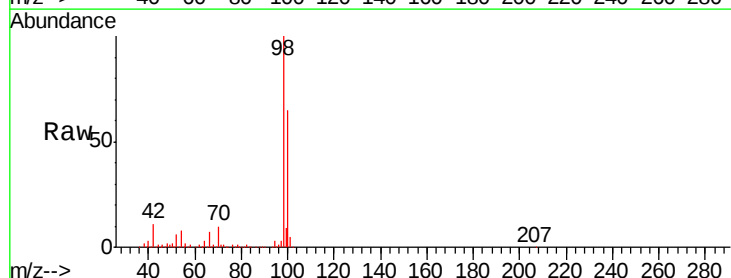
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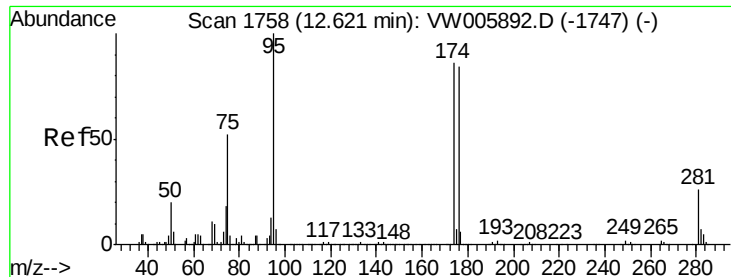
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.0	123.0
192	22.7	18.3	27.5



#50
 Toluene-d8
 Concen: 46.32 ug/l
 RT: 10.33 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: VW006031.D
 Acq: 11 Oct 2018 15:40

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.9	77.9

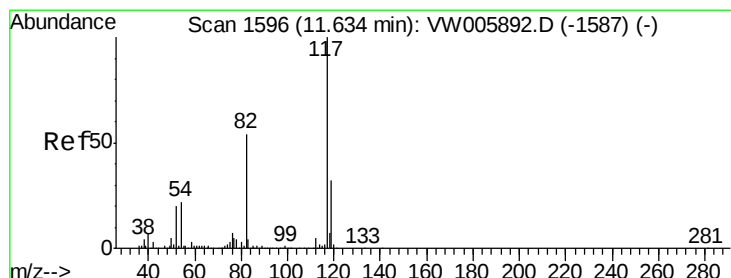
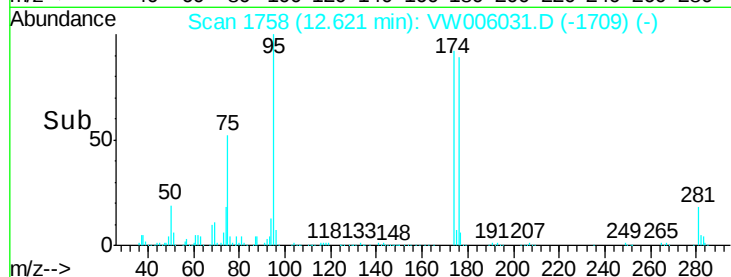
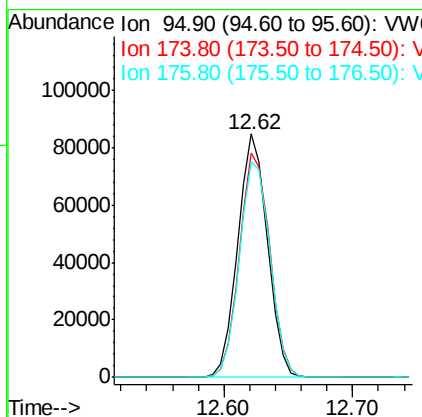
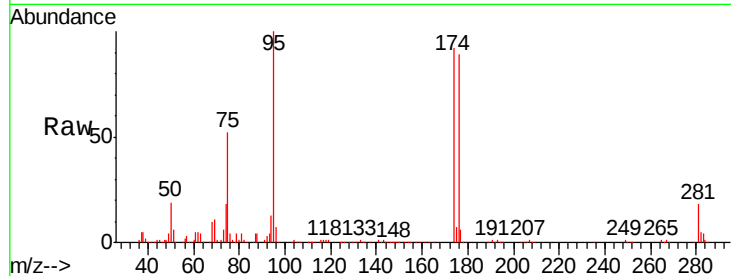




#62
4-Bromofluorobenzene
Concen: 44.76 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006031.D
Acq: 11 Oct 2018 15:40

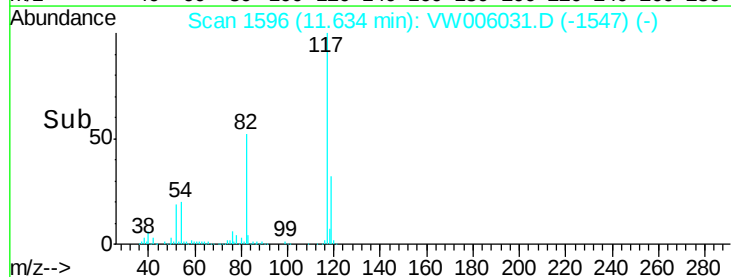
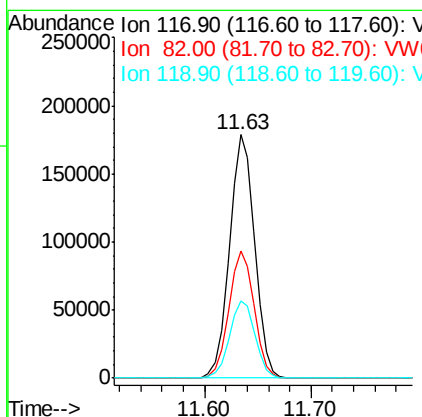
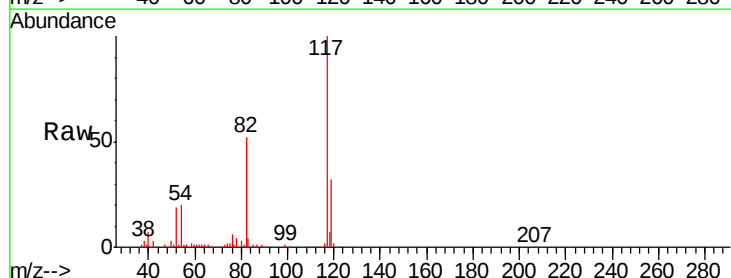
Instrument :
MSVOA_W
ClientSampleId :
VNJ218-210-282RE

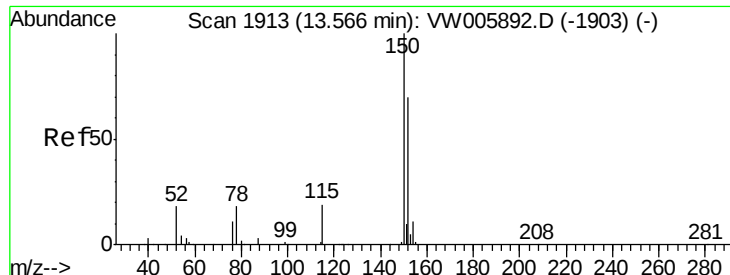
Tgt Ion: 95 Resp: 135241
Ion Ratio Lower Upper
95 100
174 93.9 0.0 176.4
176 91.6 0.0 173.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006031.D
Acq: 11 Oct 2018 15:40

Tgt Ion: 117 Resp: 294919
Ion Ratio Lower Upper
117 100
82 52.5 43.5 65.3
119 31.8 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006031.D

Acq: 11 Oct 2018 15:40

Instrument :

MSVOA_W

ClientSampleId :

VNJ218-210-282RE

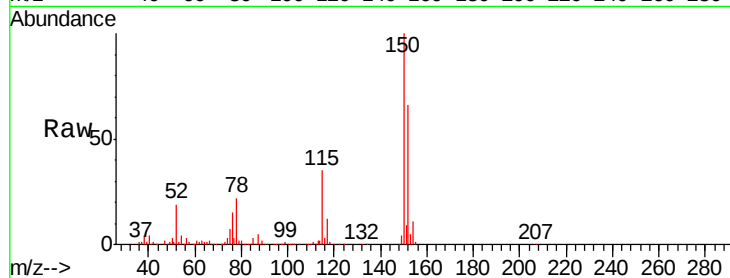
Tgt Ion:152 Resp: 158769

Ion Ratio Lower Upper

152 100

115 55.0 28.3 85.0

150 154.5 0.0 349.2



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

