

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101318\
 Data File : VW006055.D
 Acq On : 12 Oct 2018 19:03
 Operator : VA/AP
 Sample : J5198-19
 Misc : 6.17G/5ML/MSVOA_W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CL-02-101218-E

Quant Time: Oct 13 02:17:48 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	216965	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	318875	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	282706	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	137652	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	113767	54.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.02%	
35) Dibromofluoromethane	7.89	113	110000	54.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.06%	
50) Toluene-d8	10.33	98	394016	50.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.60%	
62) 4-Bromofluorobenzene	12.62	95	138990	46.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.28%	

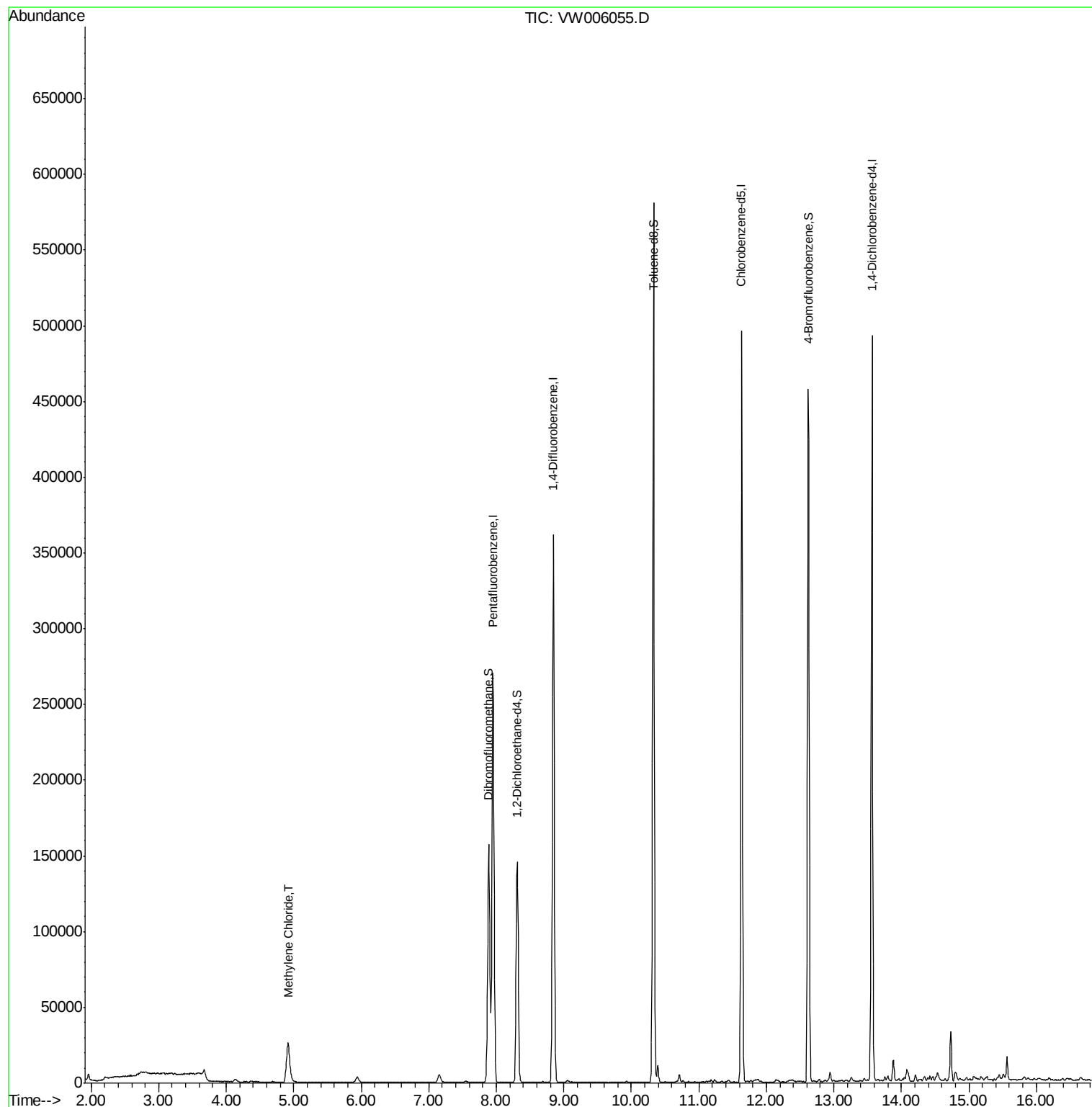
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.92	84	23284	11.05	ug/l	90

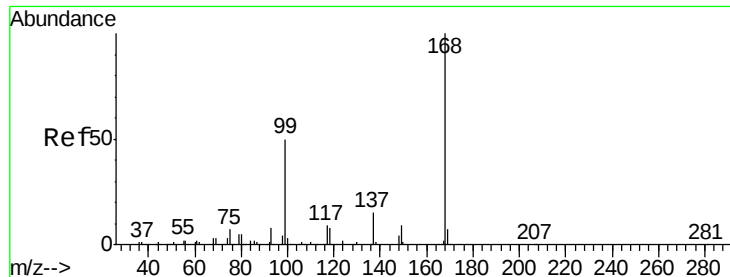
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW006055.D

Acq: 12 Oct 2018 19:03

Instrument :

MSVOA_W

ClientSampleId :

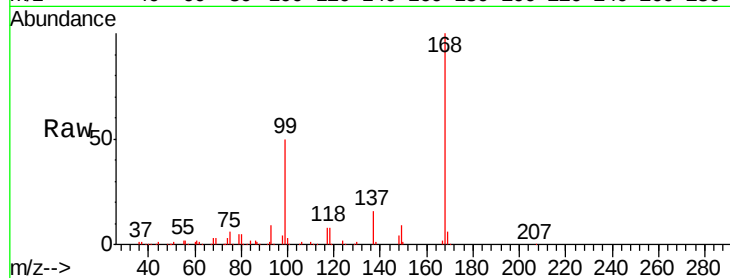
CL-02-101218-E

Tgt Ion: 168 Resp: 216965

Ion Ratio Lower Upper

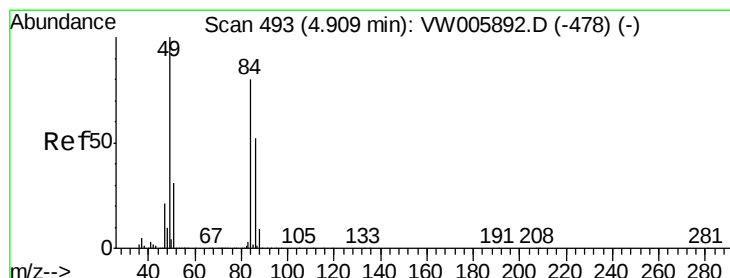
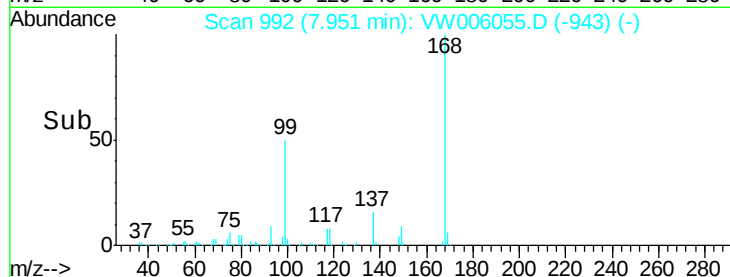
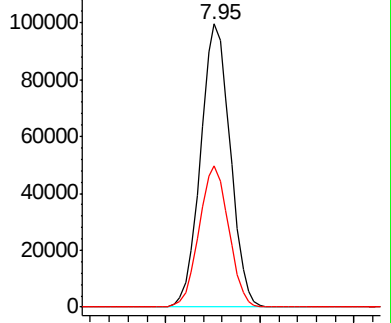
168 100

99 49.9 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: 11.05 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW006055.D

Acq: 12 Oct 2018 19:03

Tgt Ion: 84 Resp: 23284

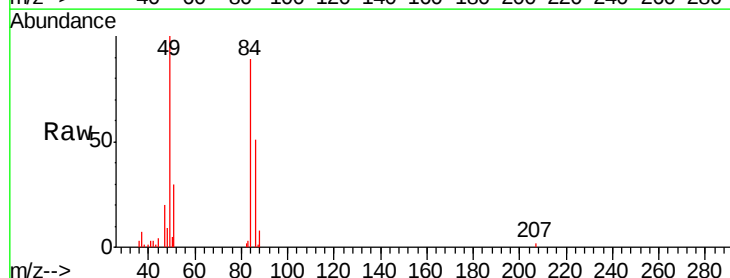
Ion Ratio Lower Upper

84 100

49 112.8 99.9 149.9

51 34.1 31.1 46.7

86 57.8 51.8 77.6

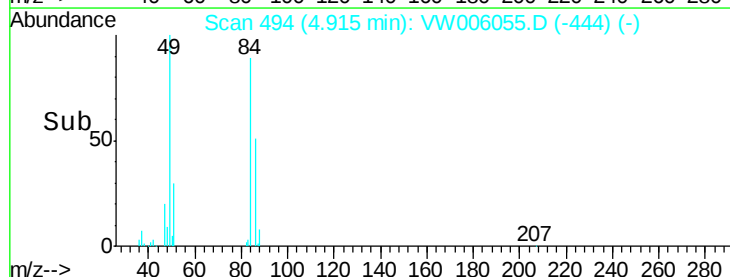
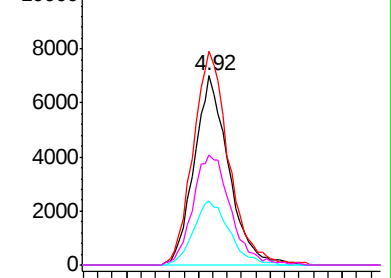


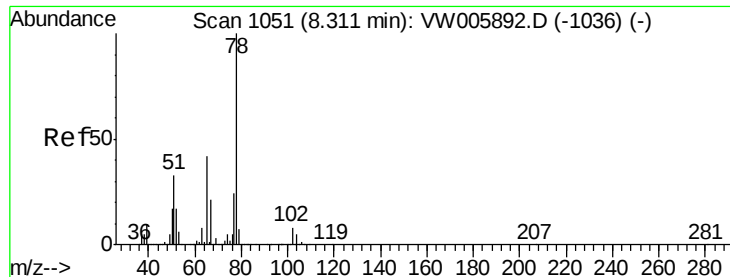
Abundance Ion 83.90 (83.60 to 84.60): VW

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: 54.01 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW006055.D

Acq: 12 Oct 2018 19:03

Instrument :

MSVOA_W

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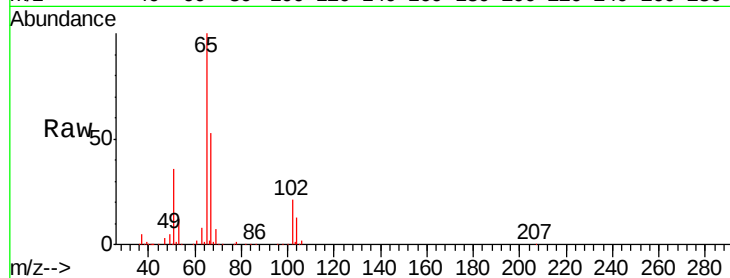
CL-02-101218-E

Tgt Ion: 65 Resp: 113767

Ion Ratio Lower Upper

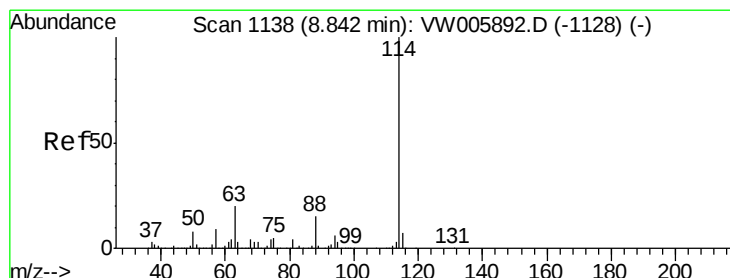
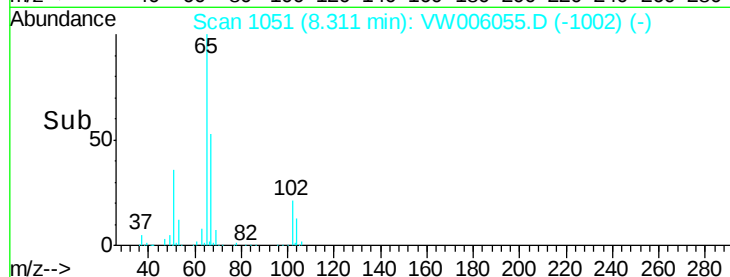
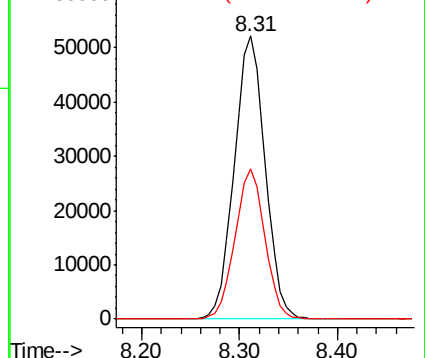
65 100

67 51.5 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: VW006055.D

Acq: 12 Oct 2018 19:03

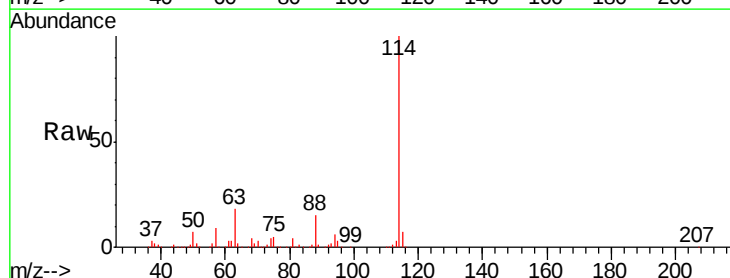
Tgt Ion: 114 Resp: 318875

Ion Ratio Lower Upper

114 100

63 18.3 0.0 39.2

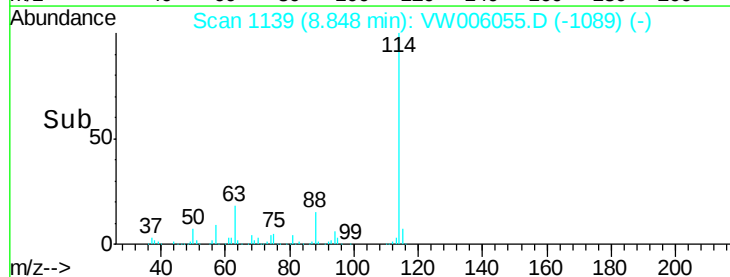
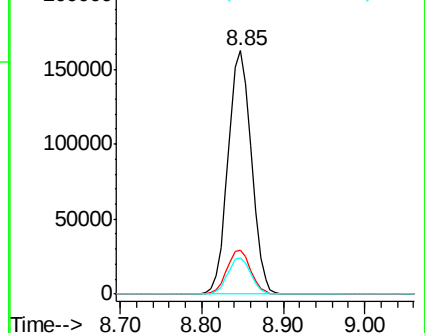
88 15.0 0.0 30.8

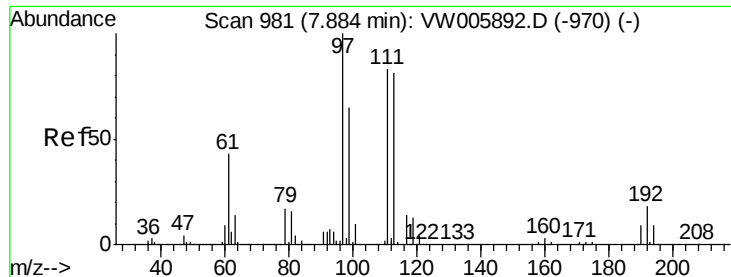


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

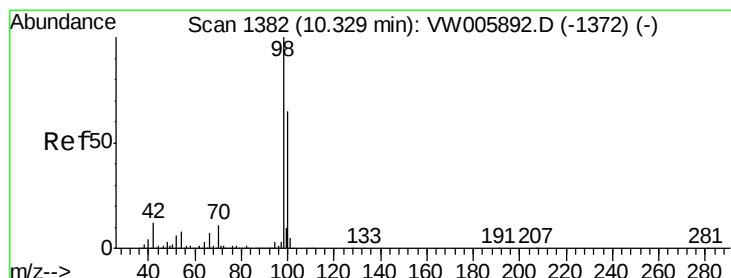
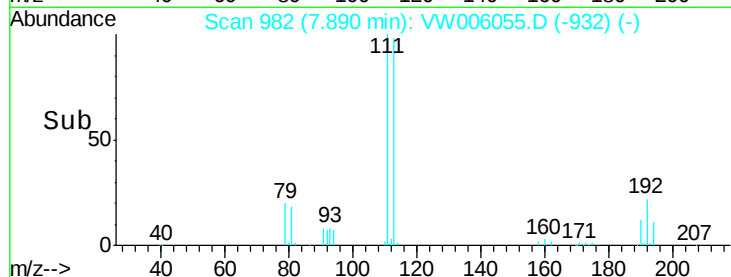
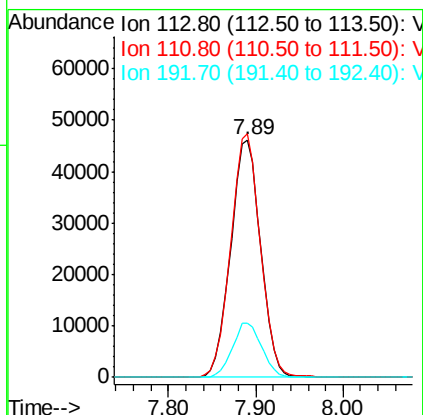
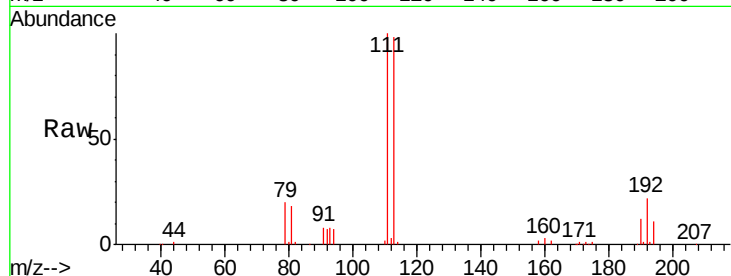




#35
 Dibromofluoromethane
 Concen: 54.03 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW006055.D
 Acq: 12 Oct 2018 19:03

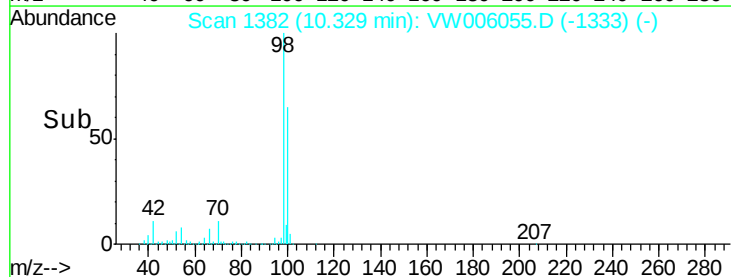
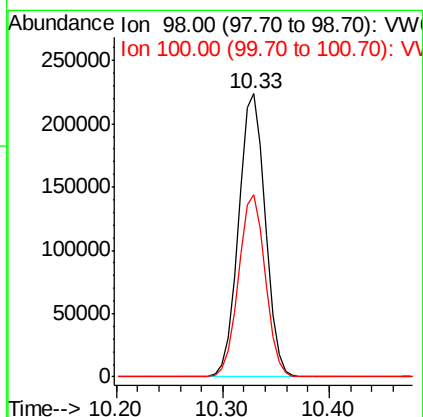
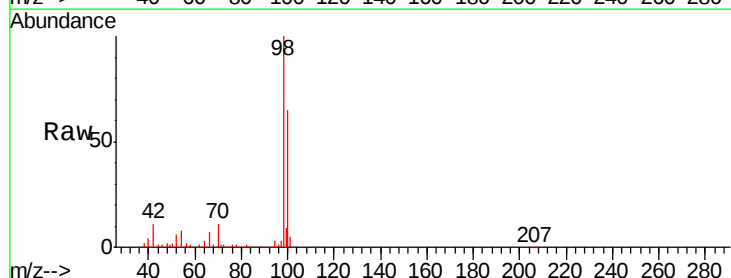
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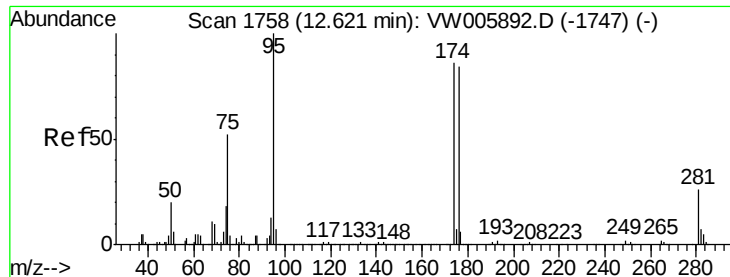
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.0	123.0
192	22.5	18.3	27.5



#50
 Toluene-d8
 Concen: 50.30 ug/l
 RT: 10.33 min Scan# 1382
 Delta R.T. -0.00 min
 Lab File: VW006055.D
 Acq: 12 Oct 2018 19:03

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.9	77.9

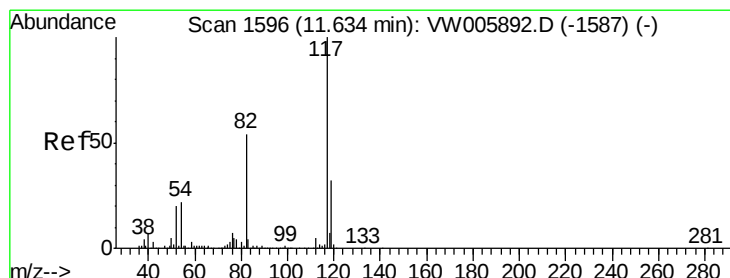
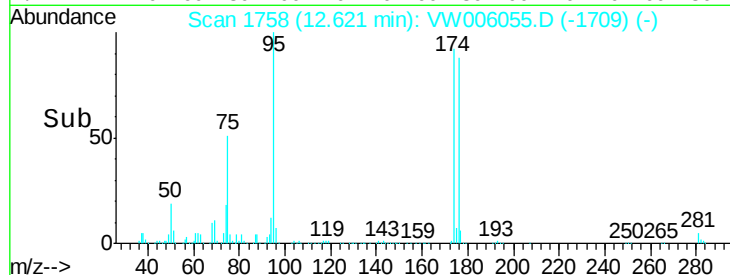
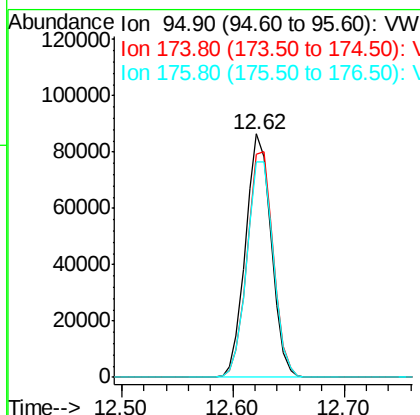
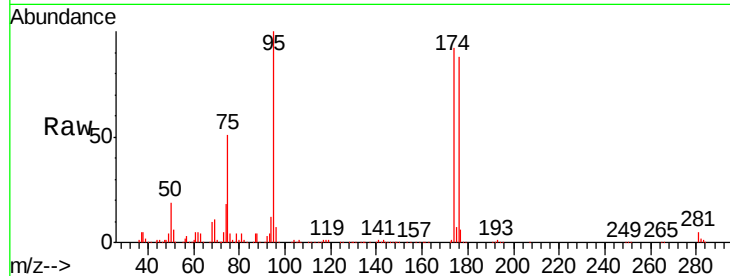




#62
4-Bromofluorobenzene
Concen: 46.64 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW006055.D
Acq: 12 Oct 2018 19:03

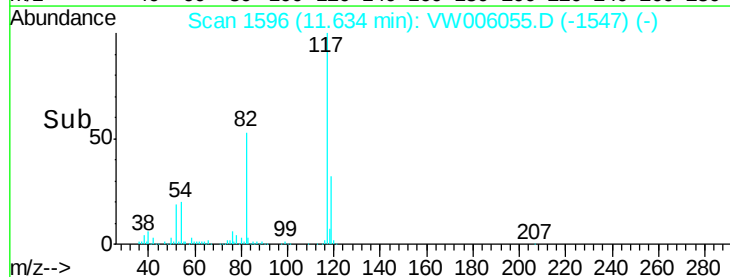
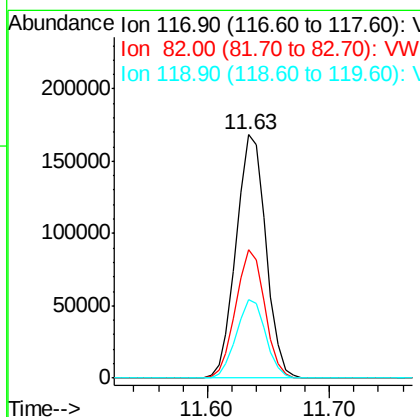
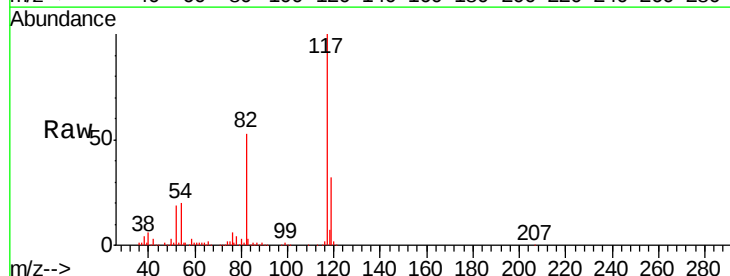
Instrument :
MSVOA_W
ClientSampleId :
CL-02-101218-E

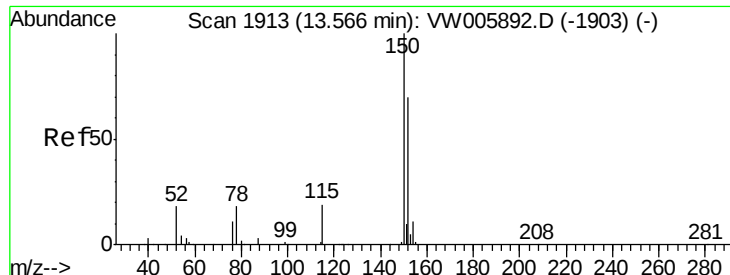
Tgt Ion	Ratio	Resp	Lower	Upper
95	100	138990		
174	94.3	0.0	176.4	
176	91.4	0.0	173.0	



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006055.D
Acq: 12 Oct 2018 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	282706		
82	52.6	43.5	65.3	
119	32.3	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: VW006055.D

Acq: 12 Oct 2018 19:03

Instrument :

MSVOA_W

ClientSampleId :

CL-02-101218-E

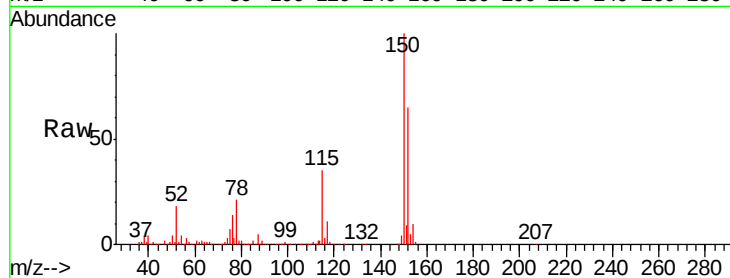
Tgt Ion:152 Resp: 137652

Ion Ratio Lower Upper

152 100

115 54.7 28.3 85.0

150 155.6 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

