

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101218\
 Data File : VW006030.D
 Acq On : 11 Oct 2018 15:14
 Operator : VA/AP
 Sample : J5450-01
 Misc : 4.99G/5ML/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VNJ218-210-282

Quant Time: Oct 12 01:33:49 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	208165	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	306325	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	278911	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	148476	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	96282	47.65	ug/l	0.00
Spiked Amount			Recovery	=	95.30%	
35) Dibromofluoromethane	7.88	113	91993	47.04	ug/l	0.00
Spiked Amount			Recovery	=	94.08%	
50) Toluene-d8	10.33	98	339633	45.14	ug/l	0.00
Spiked Amount			Recovery	=	90.28%	
62) 4-Bromofluorobenzene	12.62	95	125029	43.67	ug/l	0.00
Spiked Amount			Recovery	=	87.34%	

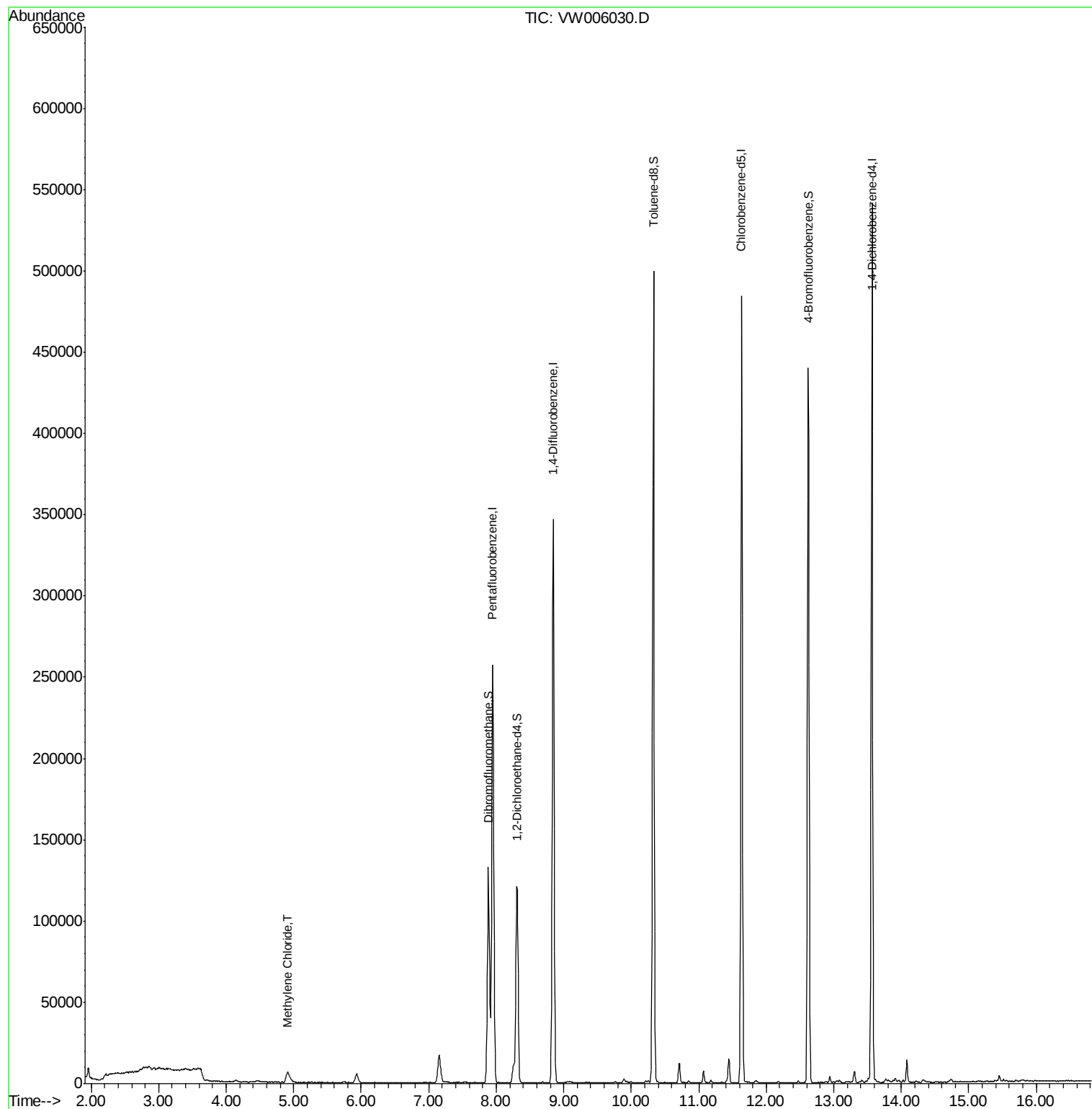
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.91	84	6049	2.99	ug/l	86

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

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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: VW006030.D

Acq: 11 Oct 2018 15:14

Instrument :

MSVOA_W

ClientSampleId :

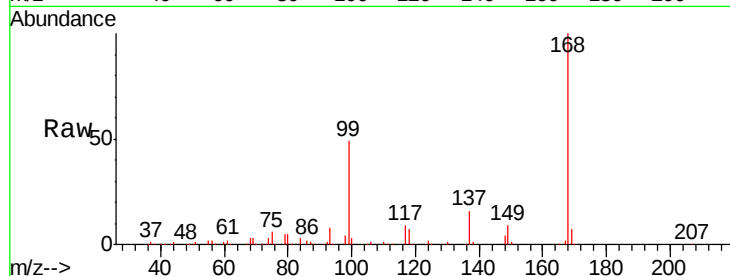
VNJ218-210-282

Tgt Ion:168 Resp: 208165

Ion Ratio Lower Upper

168 100

99 48.7 40.9 61.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

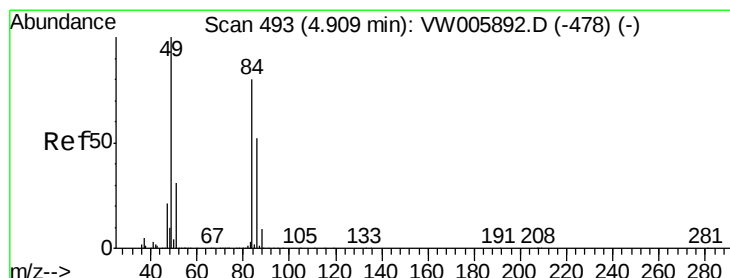
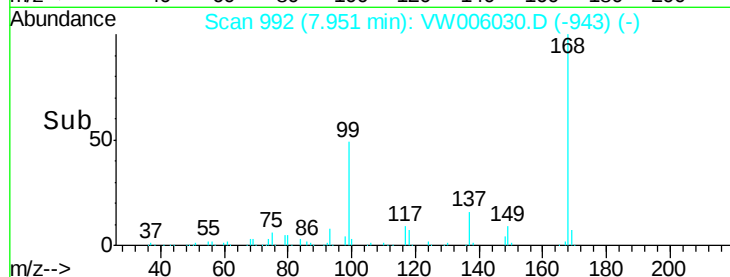
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#20

Methylene Chloride

Concen: 2.99 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.00 min

Lab File: VW006030.D

Acq: 11 Oct 2018 15:14

Tgt Ion: 84 Resp: 6049

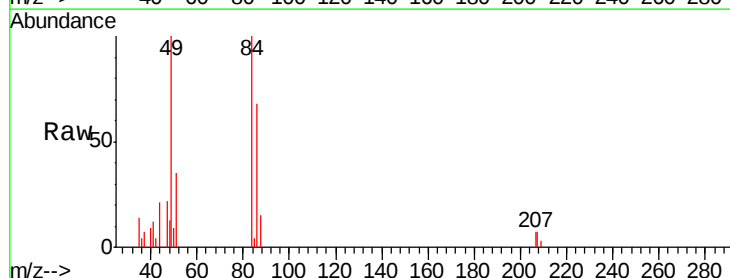
Ion Ratio Lower Upper

84 100

49 100.3 99.9 149.9

51 35.6 31.1 46.7

86 68.6 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

2500

2000

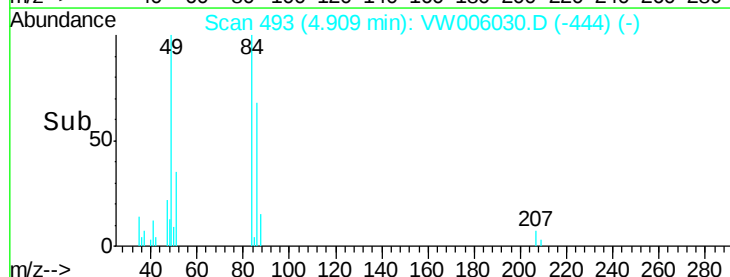
1500

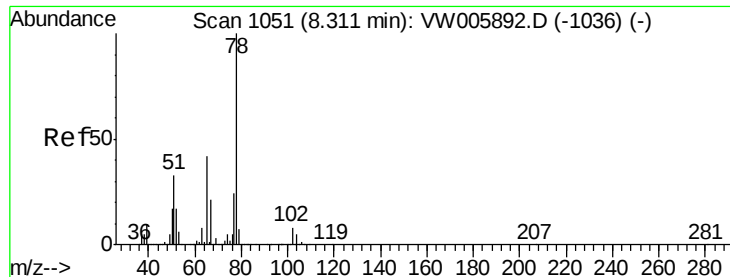
1000

500

0

Time--> 4.80 4.90 5.00

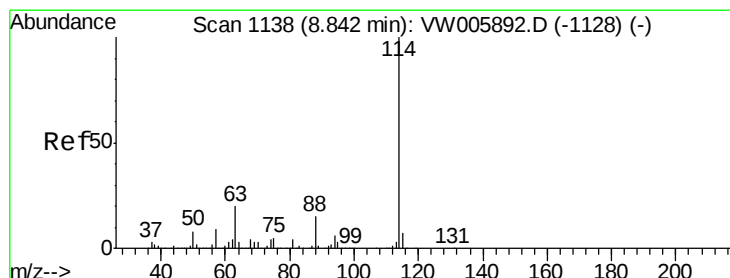
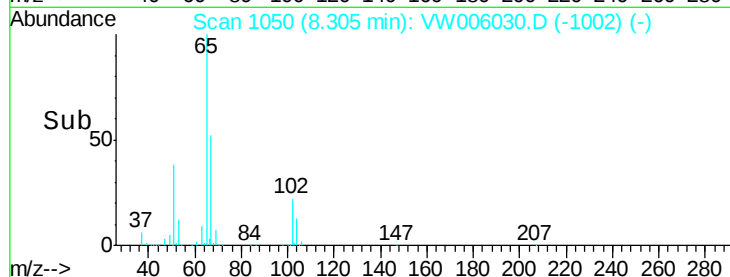
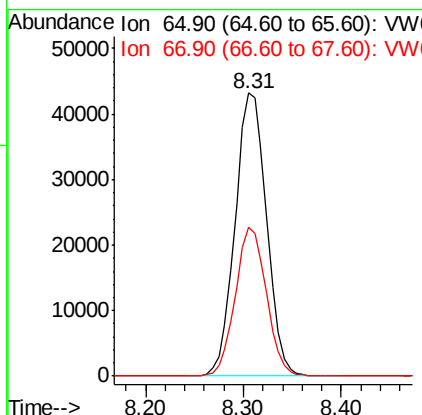
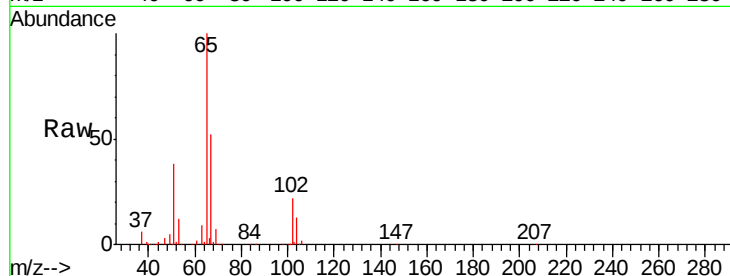




#33
 1,2-Dichloroethane-d4
 Concen: 47.65 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW006030.D
 Acq: 11 Oct 2018 15:14

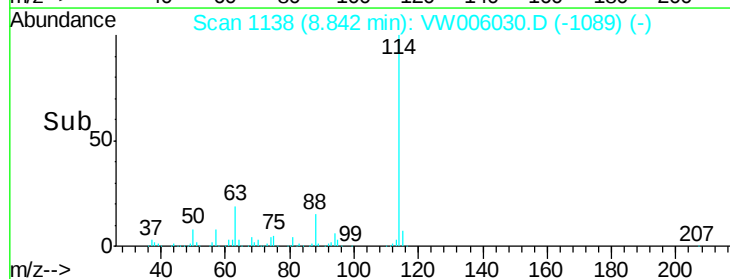
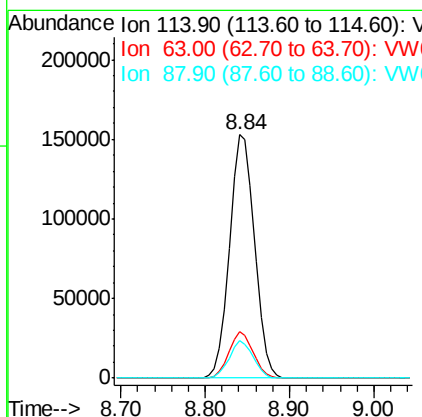
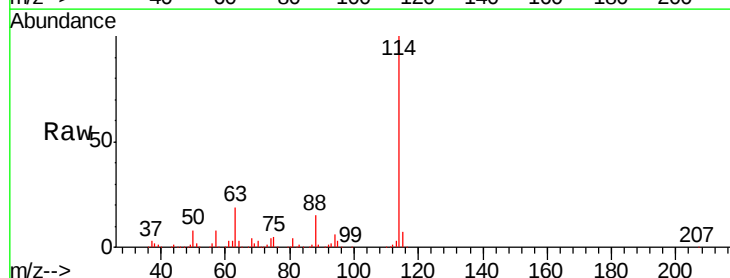
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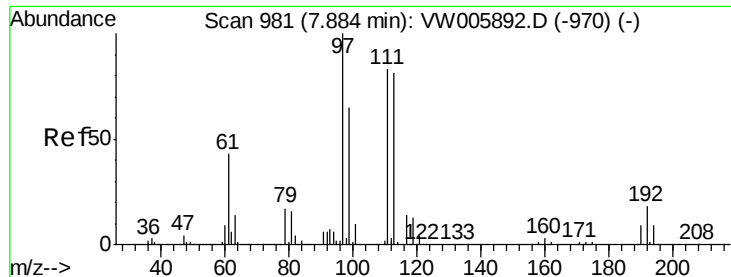
Tgt Ion: 65 Resp: 96282
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW006030.D
 Acq: 11 Oct 2018 15:14

Tgt Ion: 114 Resp: 306325
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 39.2
 88 15.4 0.0 30.8

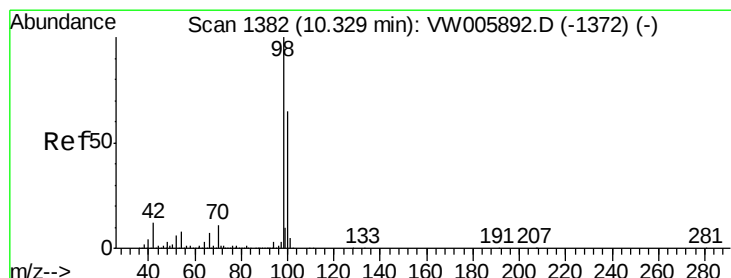
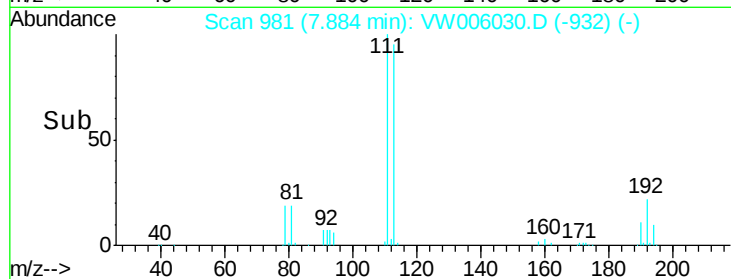
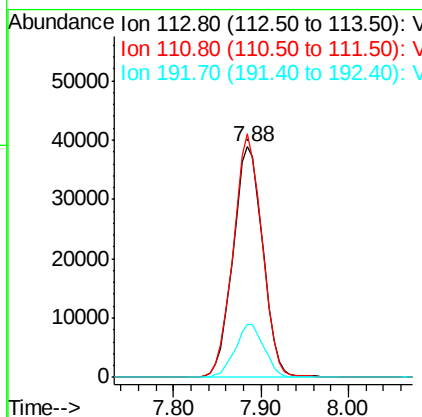
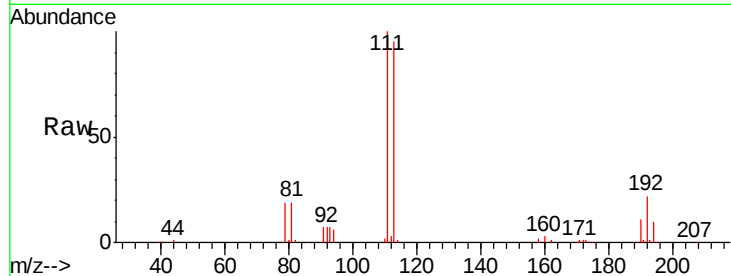




#35
 Dibromofluoromethane
 Concen: 47.04 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW006030.D
 Acq: 11 Oct 2018 15:14

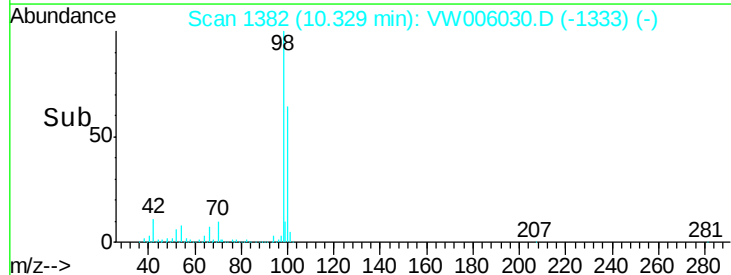
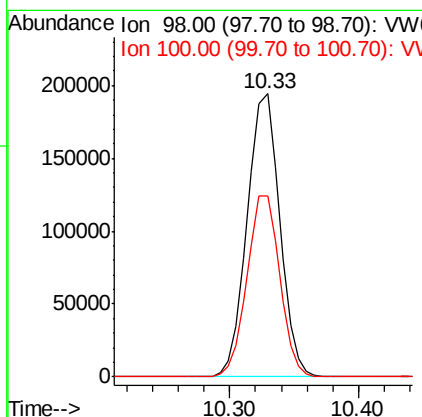
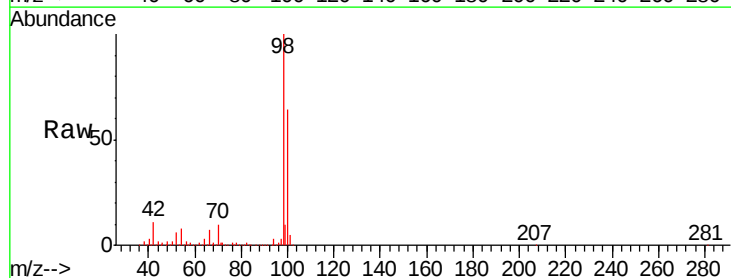
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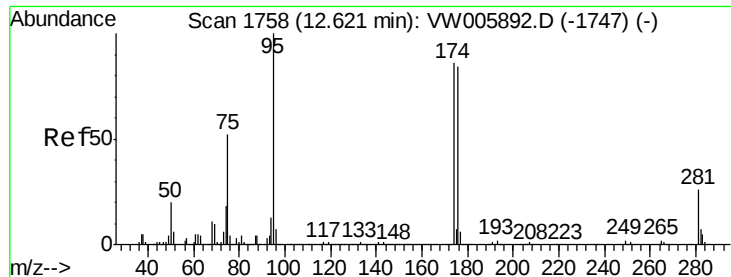
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.0	123.0
192	22.5	18.3	27.5



#50
 Toluene-d8
 Concen: 45.14 ug/l
 RT: 10.33 min Scan# 1382
 Delta R.T. -0.00 min
 Lab File: VW006030.D
 Acq: 11 Oct 2018 15:14

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.9	77.9

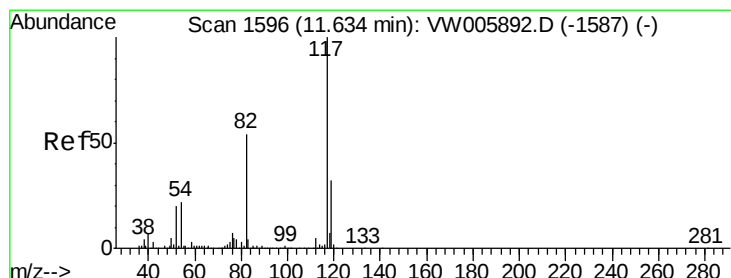
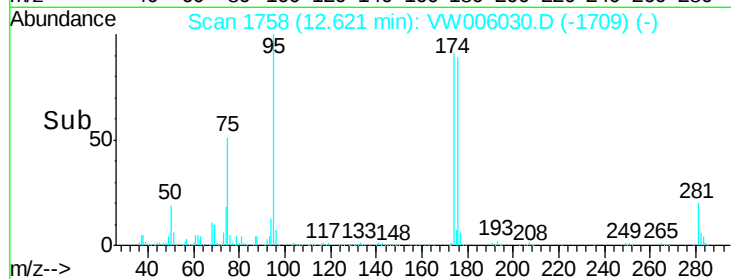
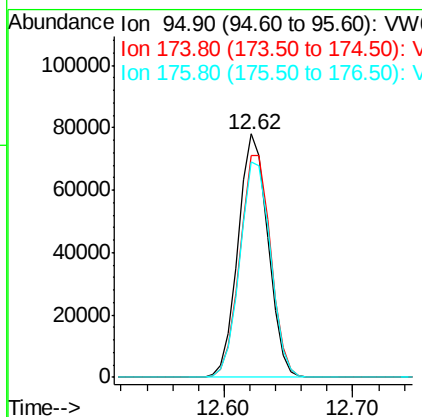
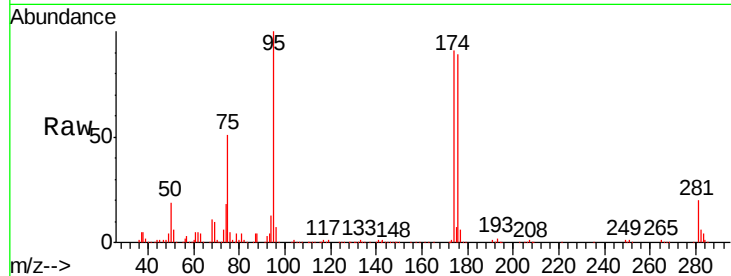




#62
4-Bromofluorobenzene
Concen: 43.67 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW006030.D
Acq: 11 Oct 2018 15:14

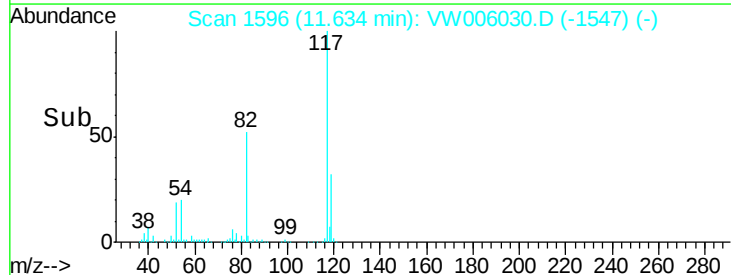
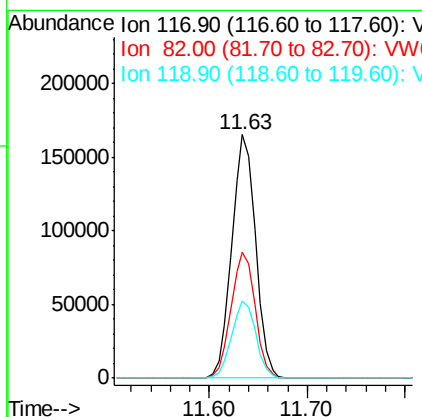
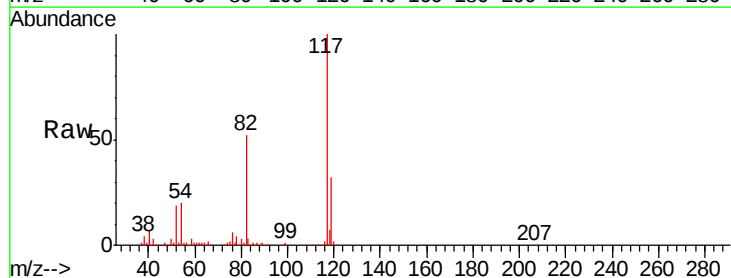
Instrument :
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ClientSampleId :
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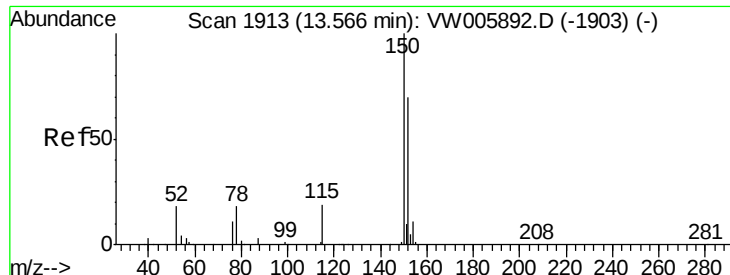
Tgt Ion: 95 Resp: 125029
Ion Ratio Lower Upper
95 100
174 93.9 0.0 176.4
176 90.9 0.0 173.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006030.D
Acq: 11 Oct 2018 15:14

Tgt Ion: 117 Resp: 278911
Ion Ratio Lower Upper
117 100
82 51.5 43.5 65.3
119 31.7 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: VW006030.D

Acq: 11 Oct 2018 15:14

Instrument :

MSVOA_W

ClientSampleId :

VNJ218-210-282

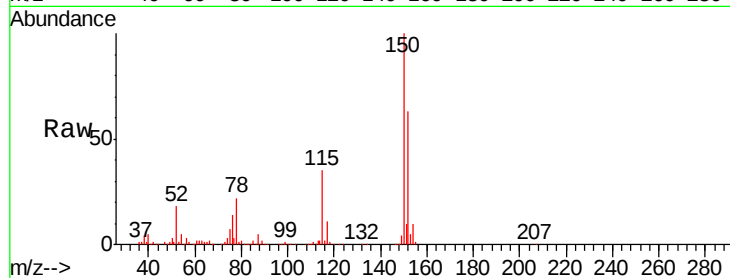
Tgt Ion:152 Resp: 148476

Ion Ratio Lower Upper

152 100

115 55.5 28.3 85.0

150 157.4 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

