

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120418\
 Data File : VW007193.D
 Acq On : 04 Dec 2018 17:47
 Operator : SY/AP
 Sample : J6168-16
 Misc : 4.84G/5ML/MSVOA_W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 S4

Quant Time: Dec 05 06:03:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 04 14:18:19 2018
 Response via : Initial Calibration

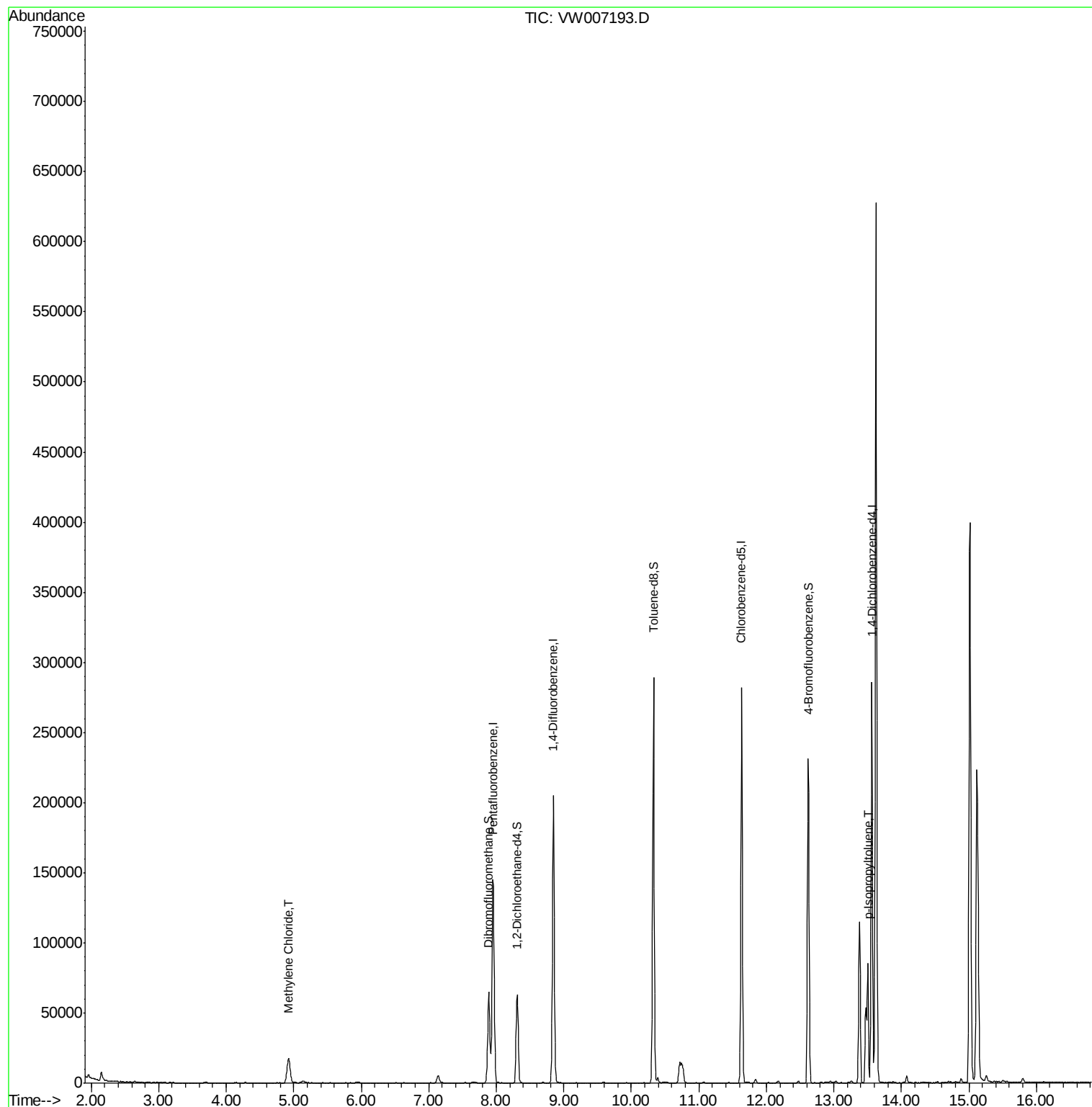
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	110887	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	177674	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	163103	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	74949	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	51375	49.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.52%	
35) Dibromofluoromethane	7.89	113	48219	47.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.80%	
50) Toluene-d8	10.33	98	197941	44.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.34%	
62) 4-Bromofluorobenzene	12.62	95	77533	45.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.68%	
Target Compounds						
20) Methylene Chloride	4.93	84	14710	7.520	ug/l	93
86) p-Isopropyltoluene	13.51	119	47037	8.122	ug/l	93

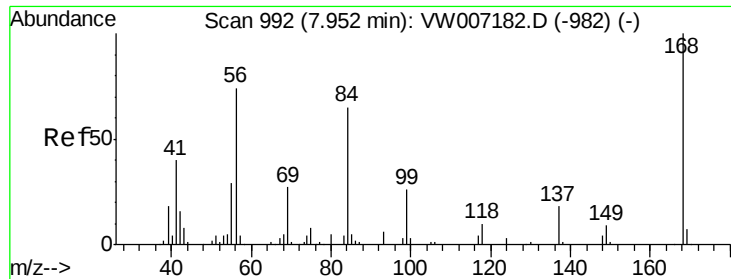
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW007193.D

Acq: 04 Dec 2018 17:47

Instrument :

MSVOA_W

ClientSampled :

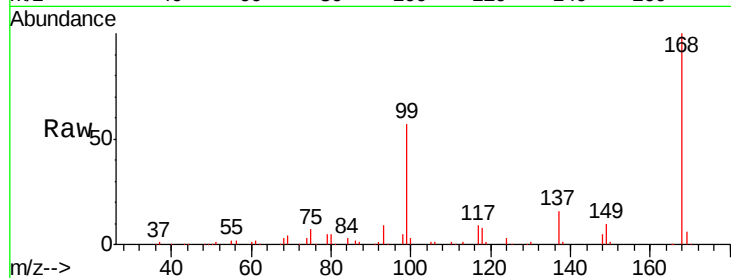
S4

Tgt Ion: 168 Resp: 110887

Ion Ratio Lower Upper

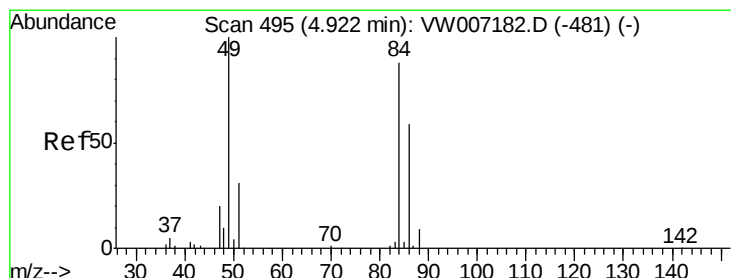
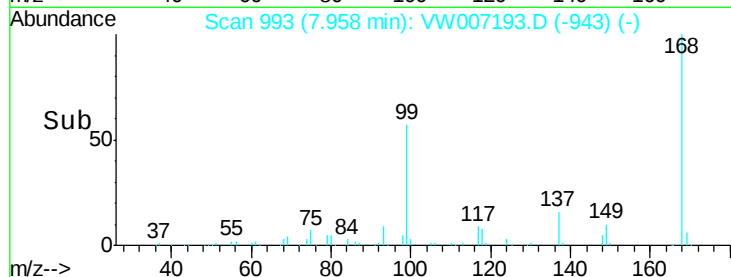
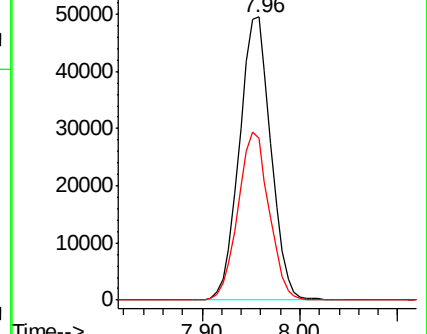
168 100

99 57.1 47.8 71.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#20

Methylene Chloride

Concen: 7.520 ug/l

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW007193.D

Acq: 04 Dec 2018 17:47

Tgt Ion: 84 Resp: 14710

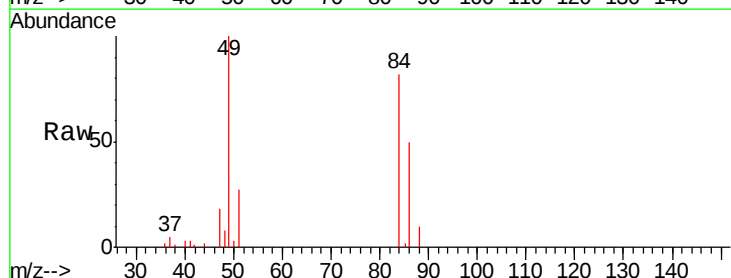
Ion Ratio Lower Upper

84 100

49 121.3 90.6 135.8

51 33.2 27.6 41.4

86 61.1 53.7 80.5

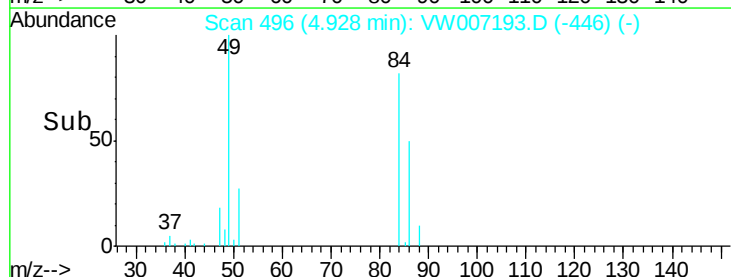
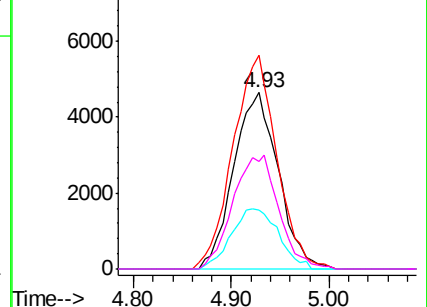


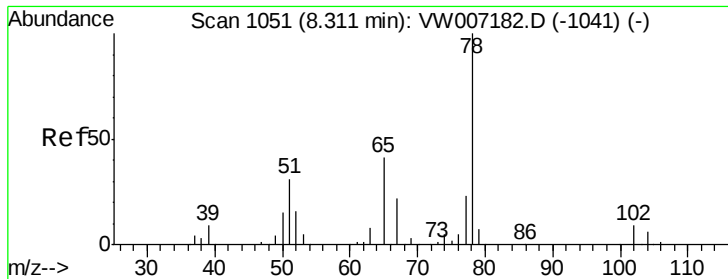
Abundance Ion 83.90 (83.60 to 84.60): VW

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: 49.763 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW007193.D

Acq: 04 Dec 2018 17:47

Instrument :

MSVOA_W

ClientSampled :

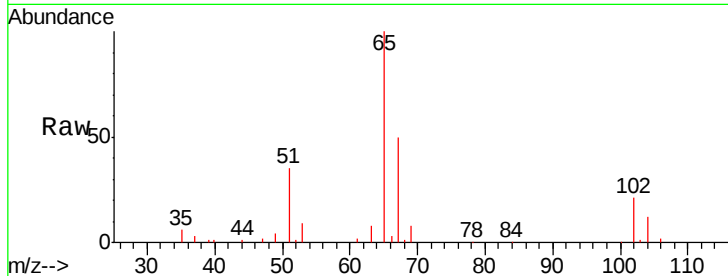
S4

Tgt Ion: 65 Resp: 51375

Ion Ratio Lower Upper

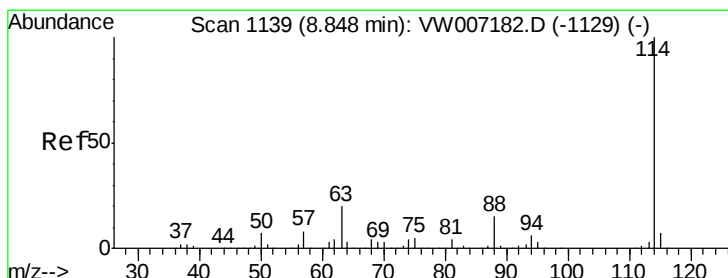
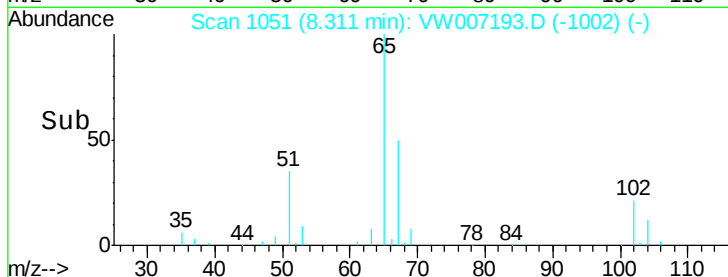
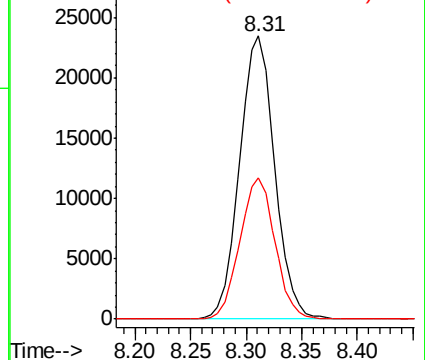
65 100

67 49.9 0.0 106.4



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: 8.85 min Scan# 1139

Delta R.T. -0.00 min

Lab File: VW007193.D

Acq: 04 Dec 2018 17:47

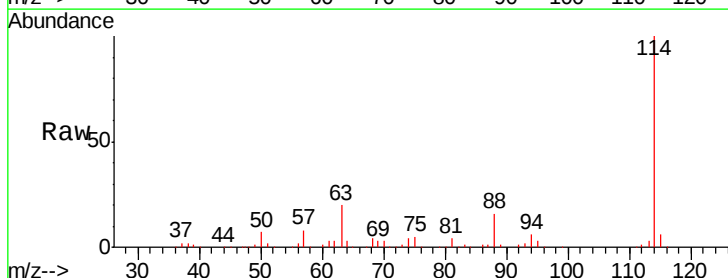
Tgt Ion: 114 Resp: 177674

Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.2

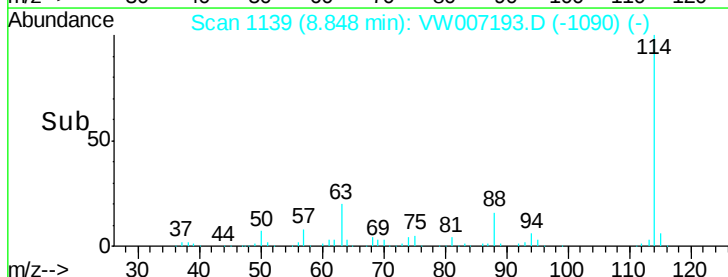
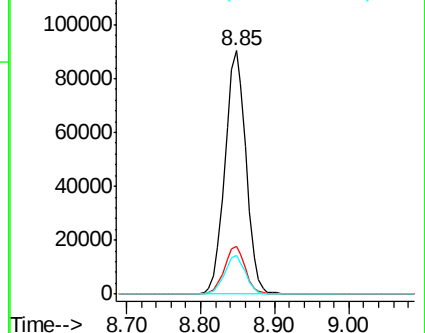
88 16.0 0.0 30.0

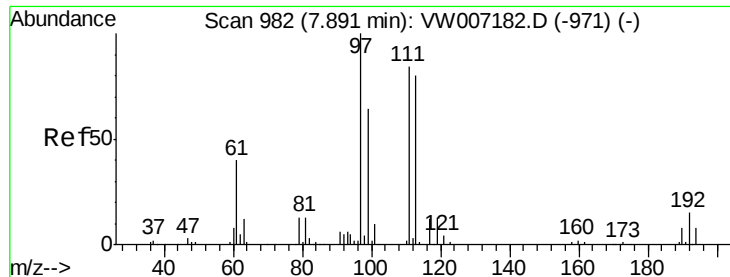


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

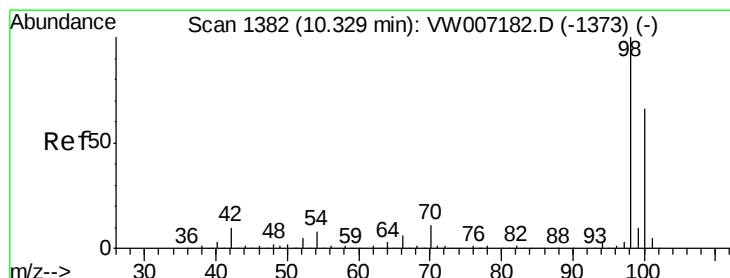
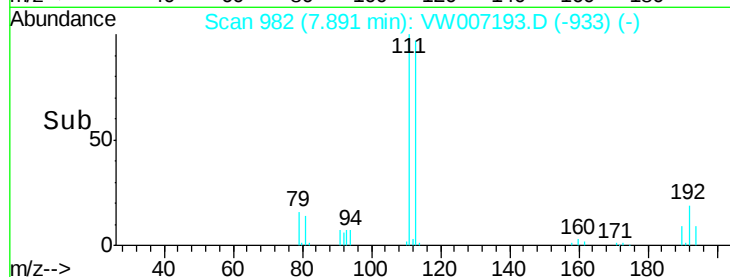
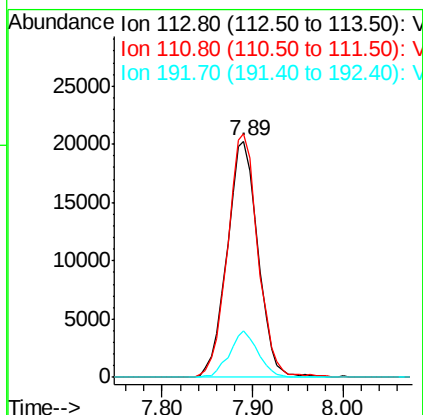
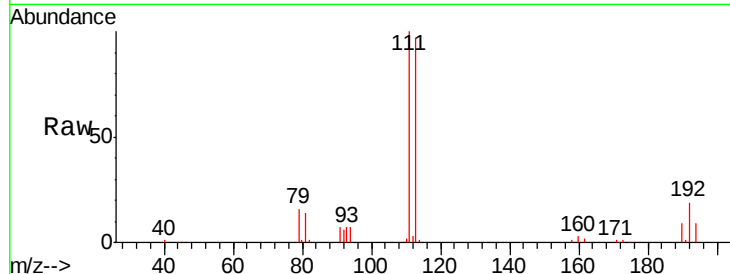




#35
Dibromofluoromethane
Concen: 47.396 ug/l
RT: 7.89 min Scan# 982
Delta R.T. -0.00 min
Lab File: VW007193.D
Acq: 04 Dec 2018 17:47

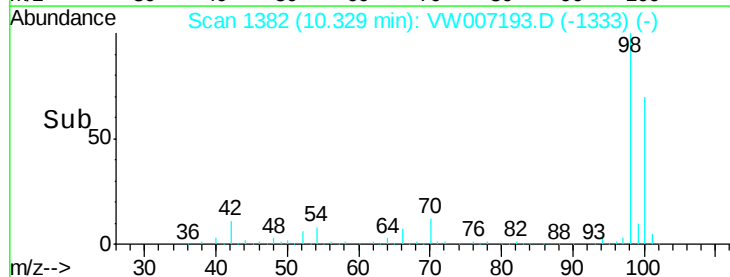
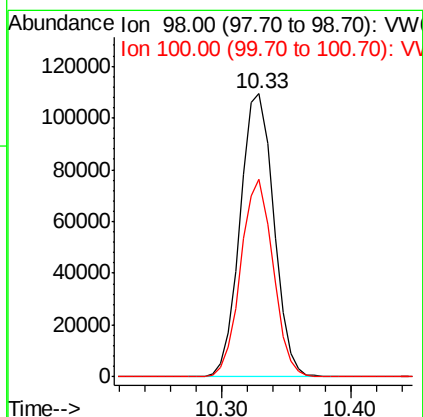
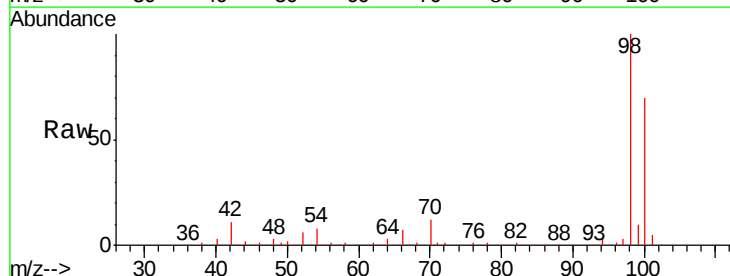
Instrument :
MSVOA_W
ClientSampled :
S4

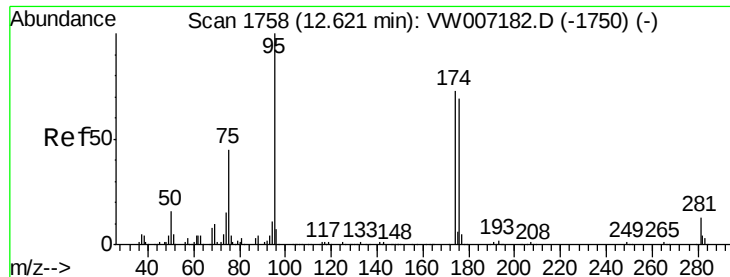
Tgt Ion:113 Resp: 48219
Ion Ratio Lower Upper
113 100
111 101.7 82.2 123.4
192 18.2 14.4 21.6



#50
Toluene-d8
Concen: 44.169 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW007193.D
Acq: 04 Dec 2018 17:47

Tgt Ion: 98 Resp: 197941
Ion Ratio Lower Upper
98 100
100 67.0 52.7 79.1

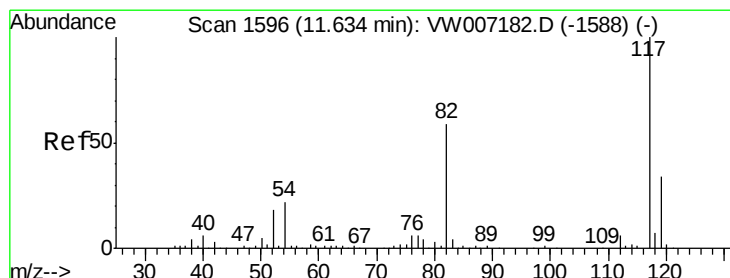
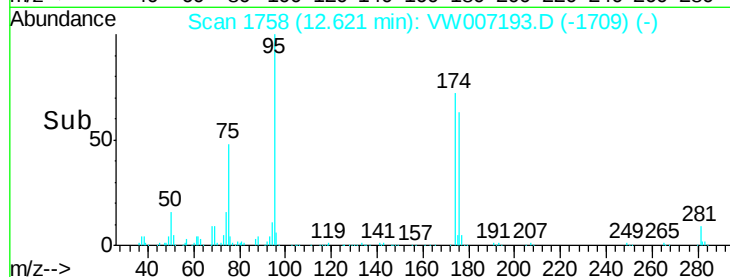
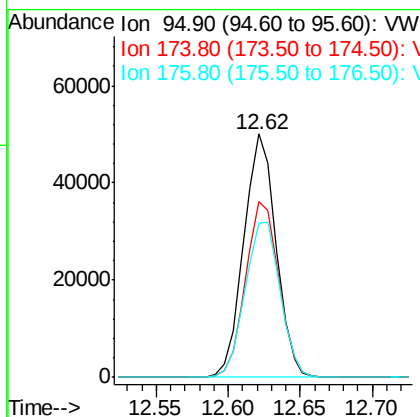
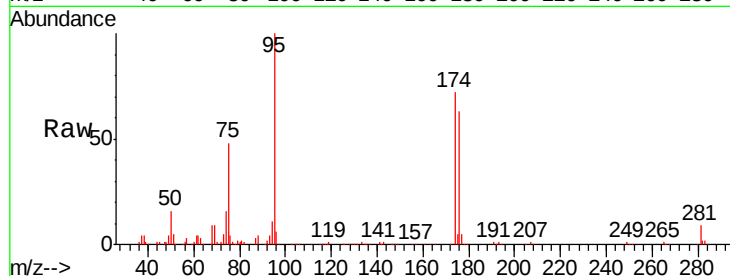




#62
4-Bromofluorobenzene
Concen: 45.837 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007193.D
Acq: 04 Dec 2018 17:47

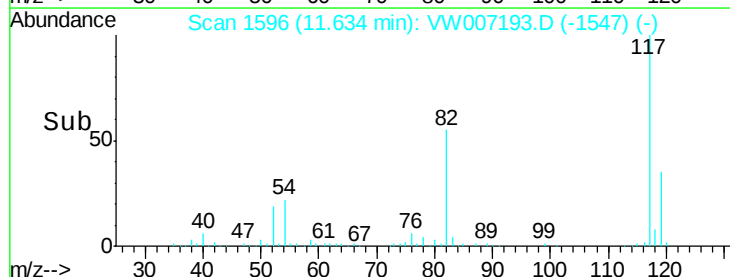
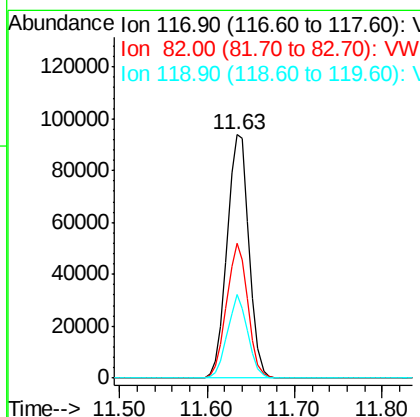
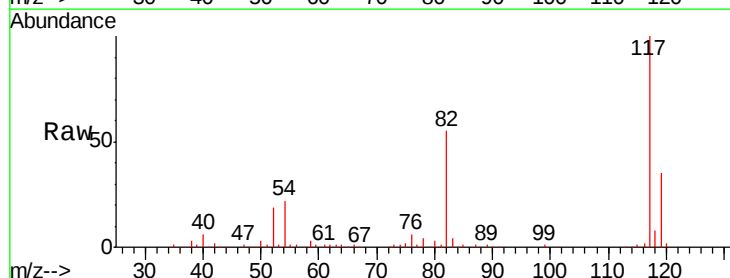
Instrument :
MSVOA_W
ClientSampleId :
S4

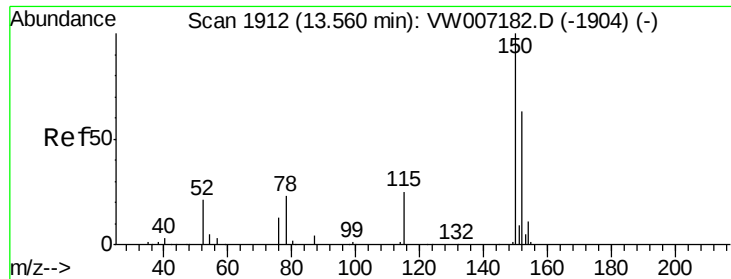
Tgt Ion: 95 Resp: 77533
Ion Ratio Lower Upper
95 100
174 74.6 0.0 148.0
176 69.2 0.0 139.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007193.D
Acq: 04 Dec 2018 17:47

Tgt Ion: 117 Resp: 163103
Ion Ratio Lower Upper
117 100
82 55.5 47.4 71.2
119 34.5 26.8 40.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW007193.D

Acq: 04 Dec 2018 17:47

Instrument :

MSVOA_W

ClientSampleId :

S4

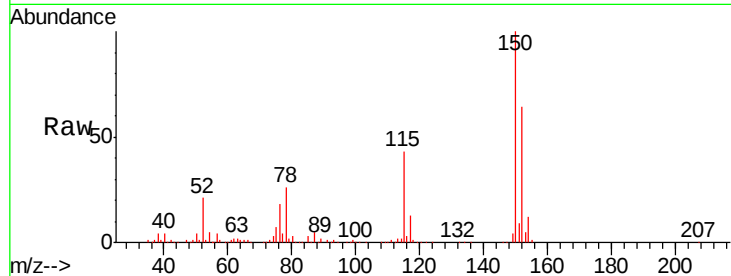
Tgt Ion:152 Resp: 74949

Ion Ratio Lower Upper

152 100

115 62.1 31.3 93.8

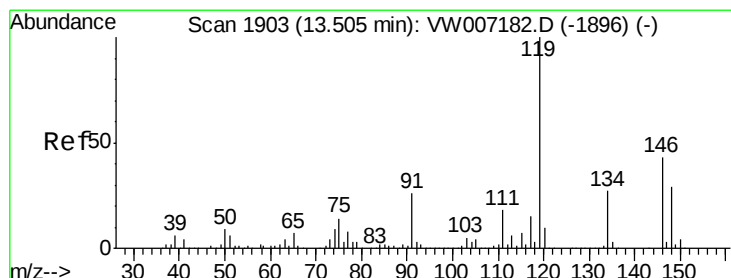
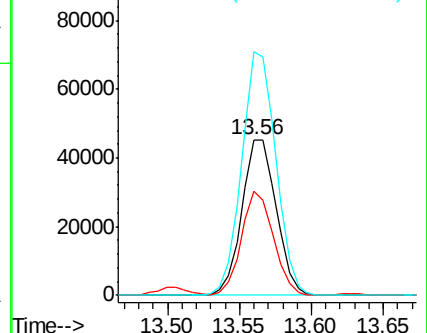
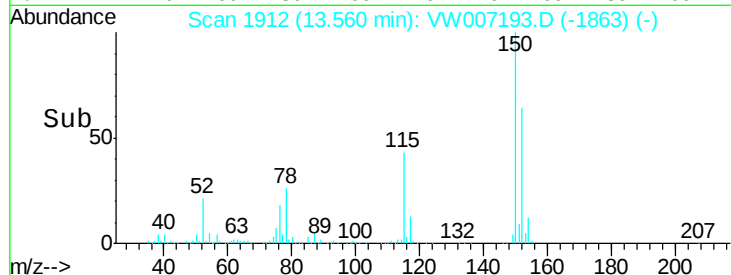
150 156.1 0.0 358.0



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



#86

p-Isopropyltoluene

Concen: 8.122 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW007193.D

Acq: 04 Dec 2018 17:47

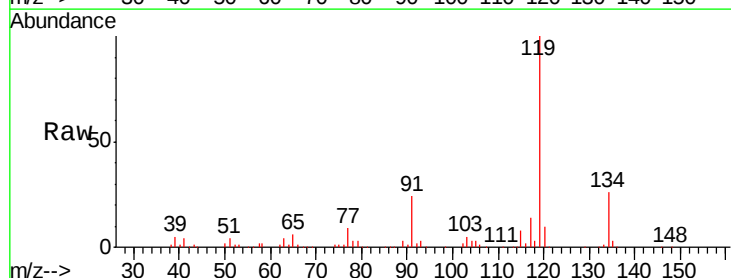
Tgt Ion:119 Resp: 47037

Ion Ratio Lower Upper

119 100

134 26.1 13.2 39.6

91 31.3 12.4 37.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

