

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081219\
 Data File : VW011851.D
 Acq On : 12 Aug 2019 14:50
 Operator : SY/VA
 Sample : K4229-06
 Misc : 5.65G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 2S-C4-(0)

Quant Time: Aug 13 08:23:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

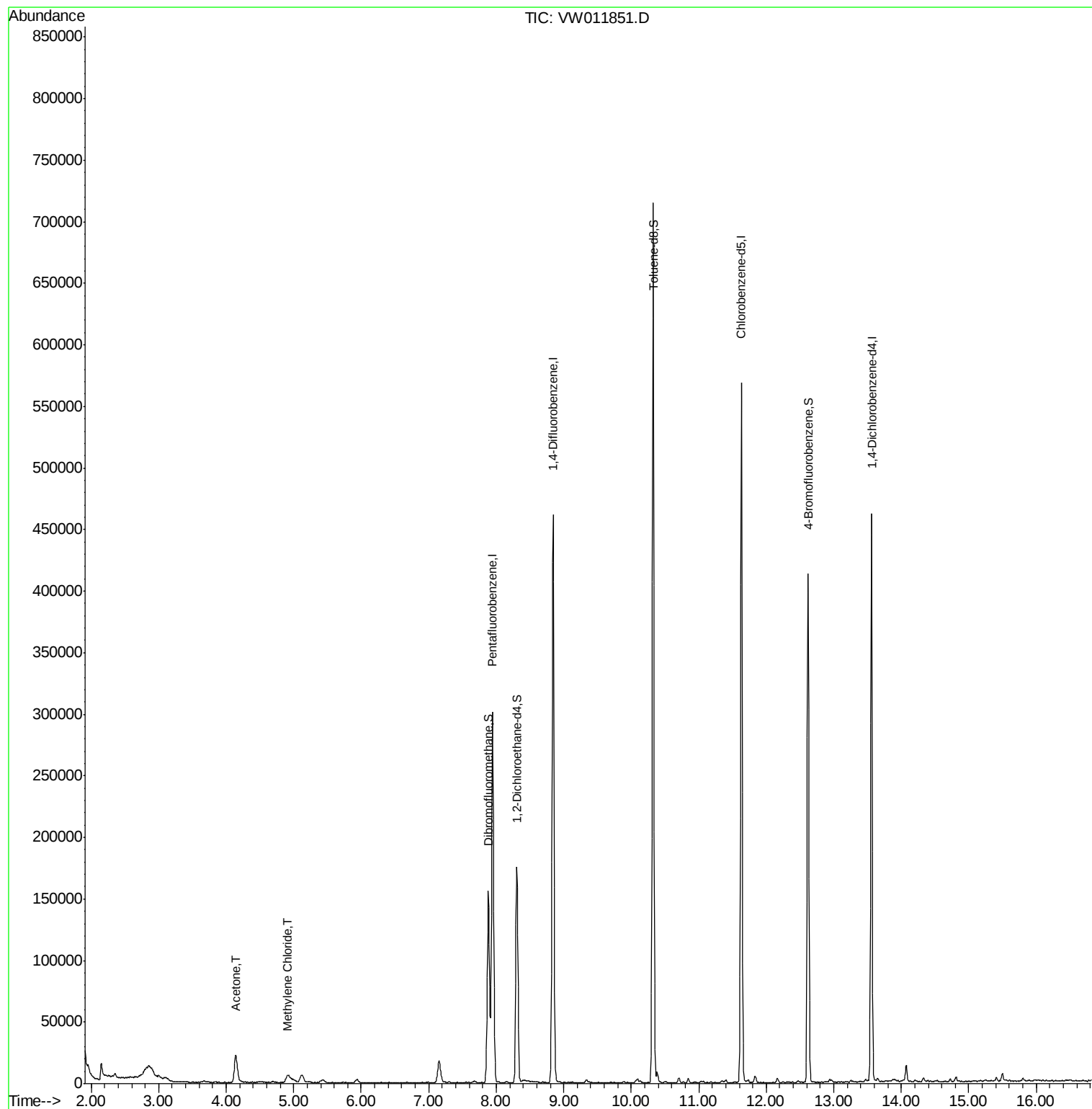
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	211921	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	356698	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	295463	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	112364	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	140350	57.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.36%	
35) Dibromofluoromethane	7.88	113	110896	55.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.84%	
50) Toluene-d8	10.32	98	438312	53.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.00%	
62) 4-Bromofluorobenzene	12.62	95	134586	46.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.14%	
Target Compounds						
16) Acetone	4.14	43	47820	61.777	ug/l	96
20) Methylene Chloride	4.91	84	4079	1.528	ug/l #	89

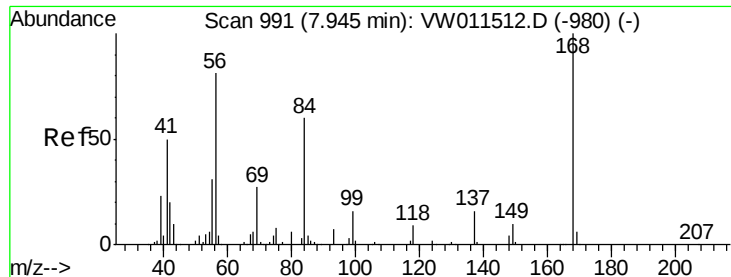
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW011851.D

Acq: 12 Aug 2019 14:50

Instrument :

MSVOA_W

ClientSampleId :

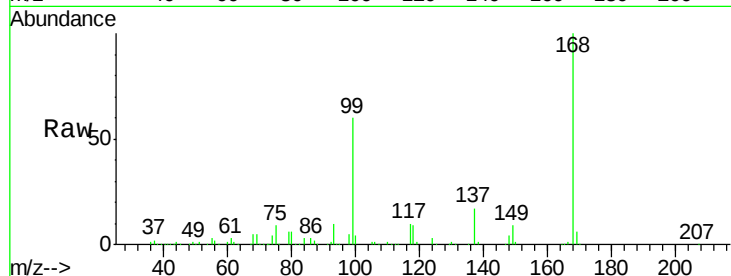
2S-C4-(0)

Tot Ion:168 Resp: 211921

Ion Ratio Lower Upper

168 100

99 60.3 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

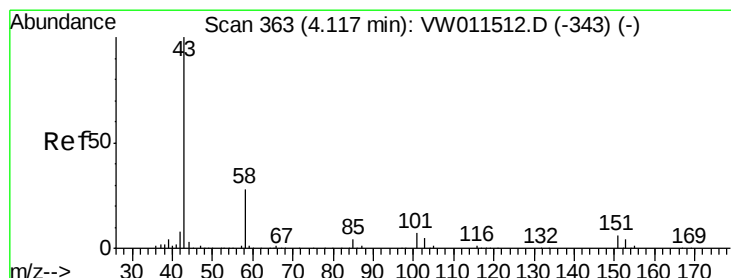
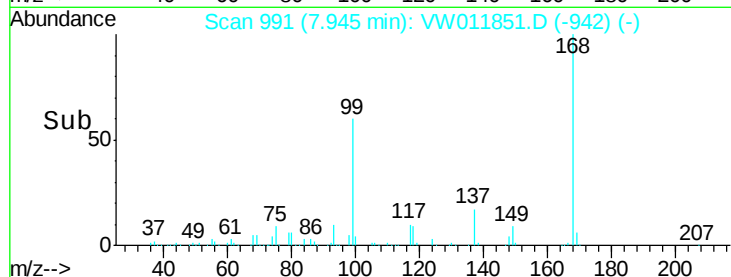
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 61.777 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.02 min

Lab File: VW011851.D

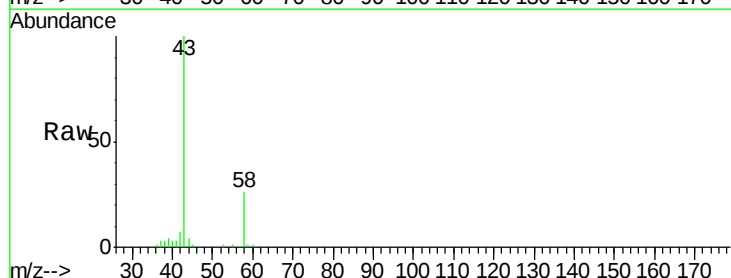
Acq: 12 Aug 2019 14:50

Tgt Ion: 43 Resp: 47820

Ion Ratio Lower Upper

43 100

58 25.8 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

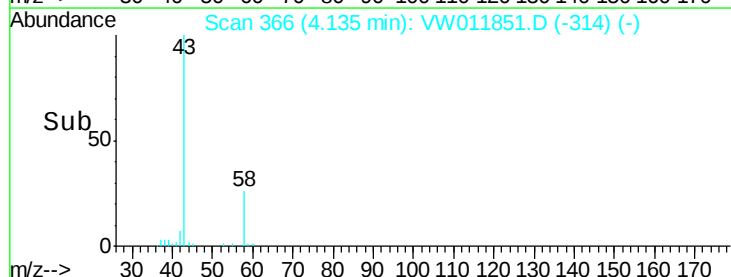
15000

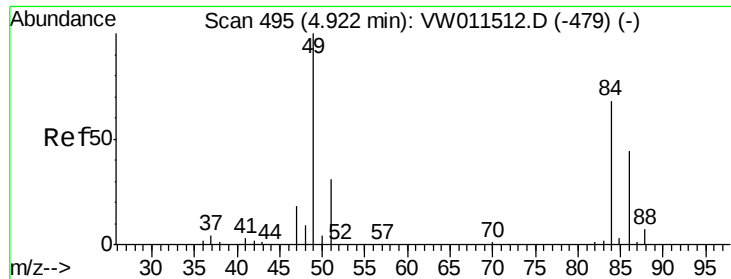
10000

5000

0

Time--> 4.00 4.10 4.20 4.30

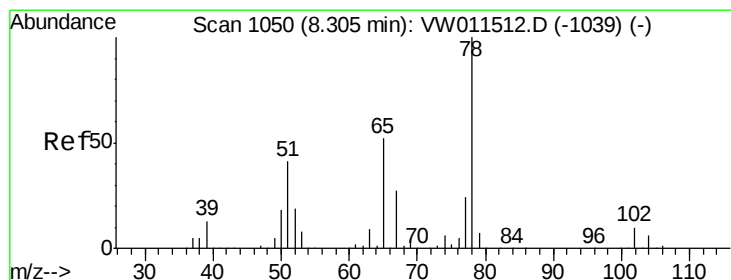
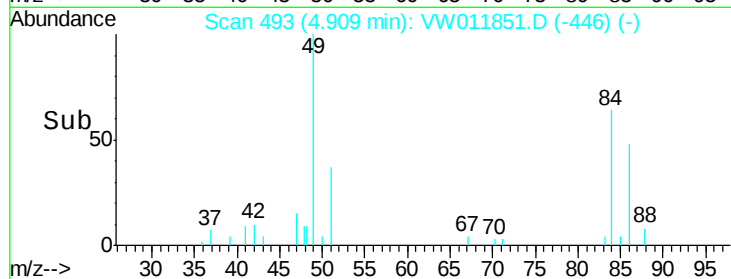
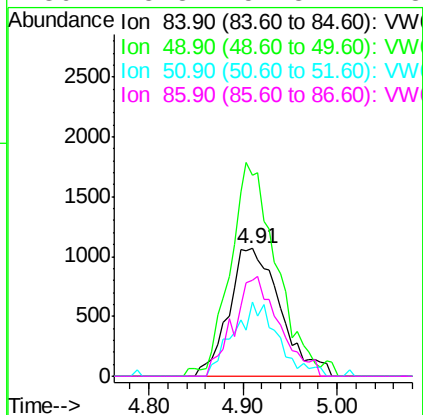
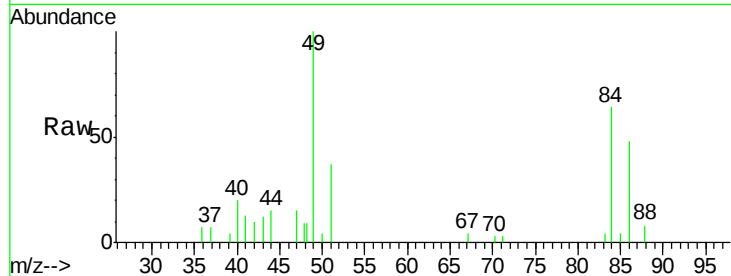




#20
Methvlene Chloride
Concen: 1.528 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW011851.D
Acq: 12 Aug 2019 14:50

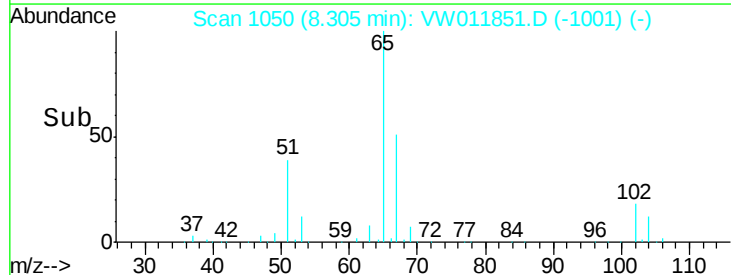
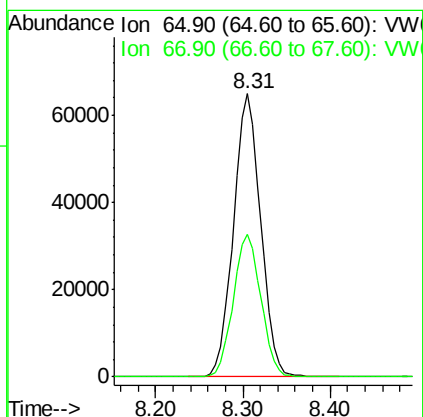
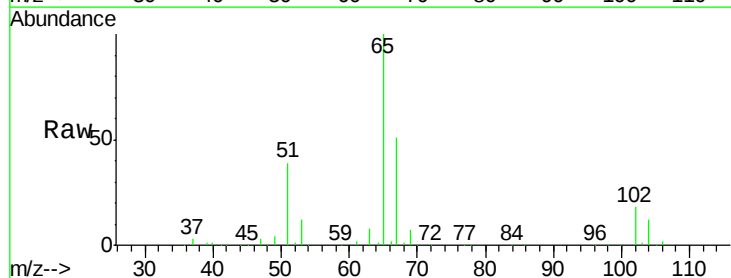
Instrument :
MSVOA_W
ClientSampleId :
2S-C4-(0)

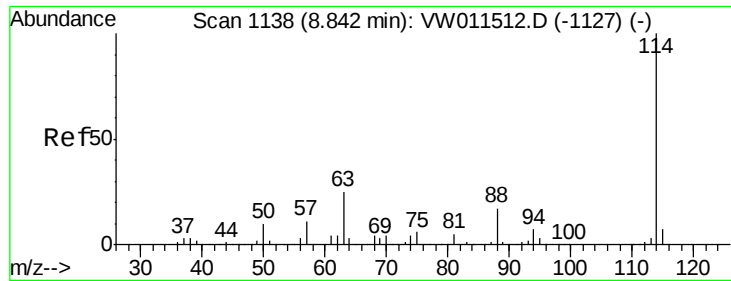
Tot Ion: 84 Resp: 4079
Ion Ratio Lower Upper
84 100
49 157.3 117.8 176.6
51 57.7 37.0 55.4#
86 75.8 51.8 77.8



#33
1,2-Dichloroethane-d4
Concen: 57.675 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW011851.D
Acq: 12 Aug 2019 14:50

Tgt Ion: 65 Resp: 140350
Ion Ratio Lower Upper
65 100
67 51.2 0.0 105.2

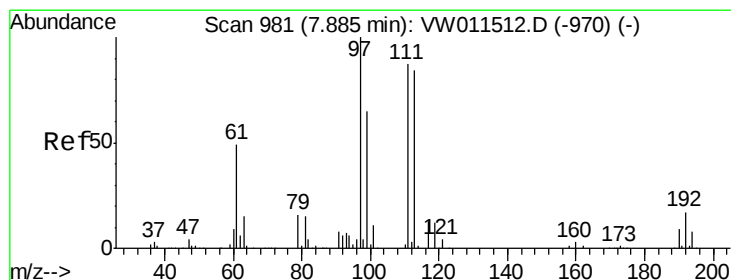
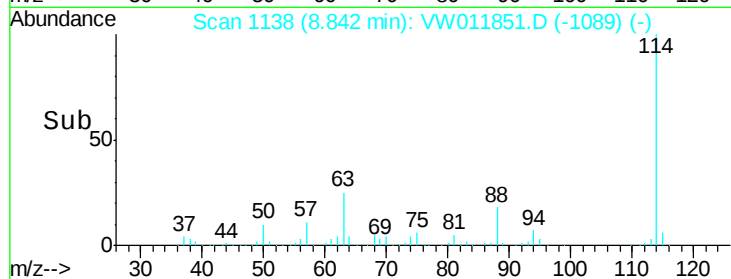
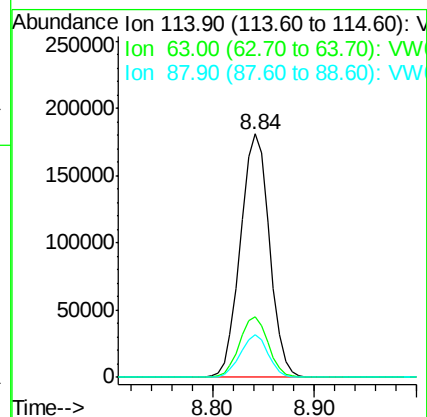
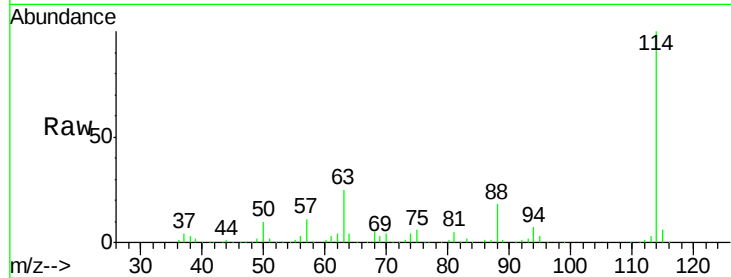




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011851.D
 Acq: 12 Aug 2019 14:50

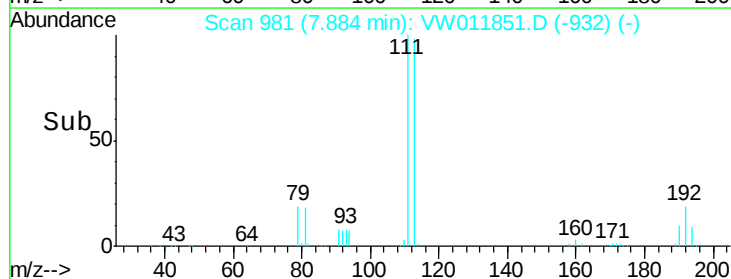
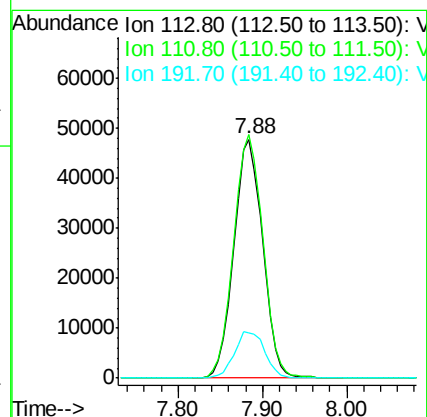
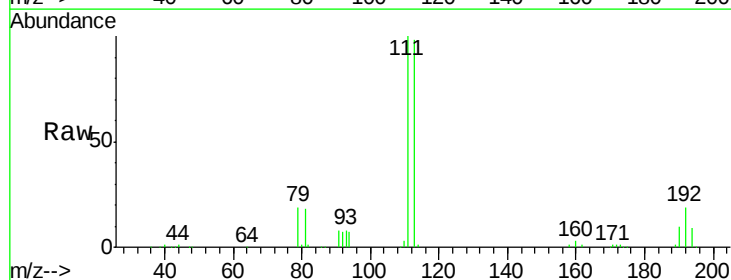
Instrument :
 MSVOA_W
 ClientSampleId :
 2S-C4-(0)

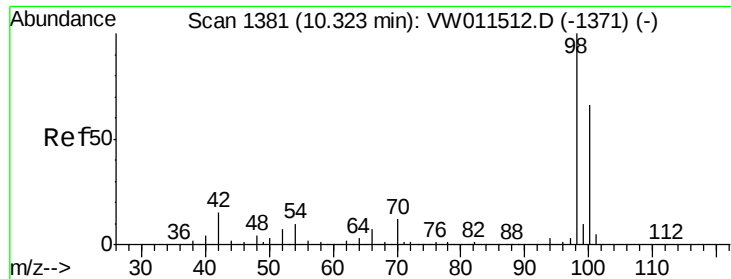
Tot Ion:114 Resp: 356698
 Ion Ratio Lower Upper
 114 100
 63 24.8 0.0 49.2
 88 17.7 0.0 33.8



#35
 Dibromofluoromethane
 Concen: 55.416 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW011851.D
 Acq: 12 Aug 2019 14:50

Tgt Ion:113 Resp: 110896
 Ion Ratio Lower Upper
 113 100
 111 103.7 82.7 124.1
 192 20.3 16.1 24.1





#50

Toluene-d8

Concen: 53.497 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW011851.D

Acq: 12 Aug 2019 14:50

Instrument :

MSVOA_W

ClientSampleId :

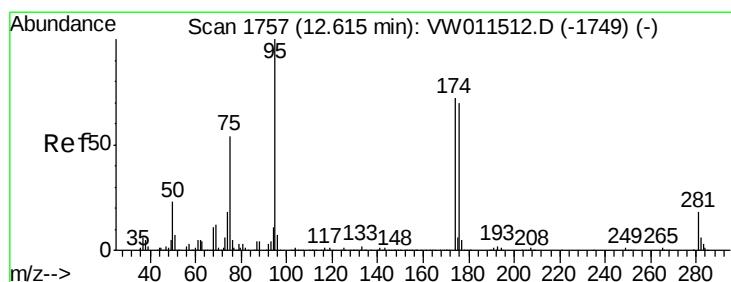
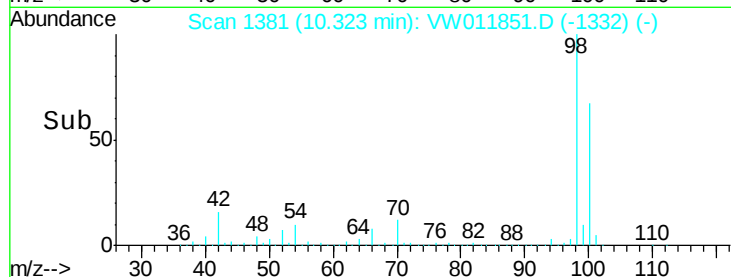
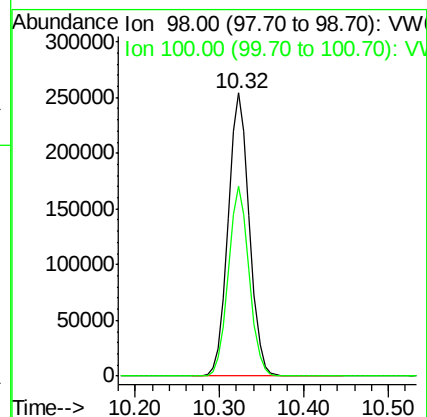
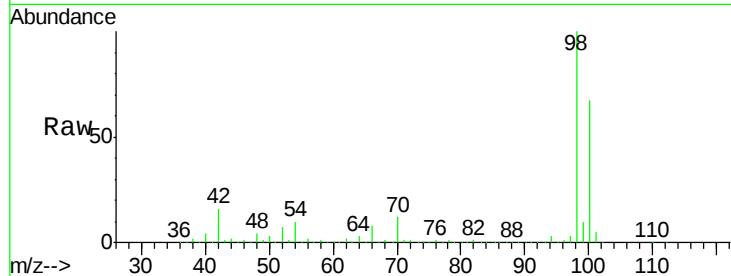
2S-C4-(0)

Tot Ion: 98 Resp: 438312

Ion Ratio Lower Upper

98 100

100 65.8 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 46.074 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VW011851.D

Acq: 12 Aug 2019 14:50

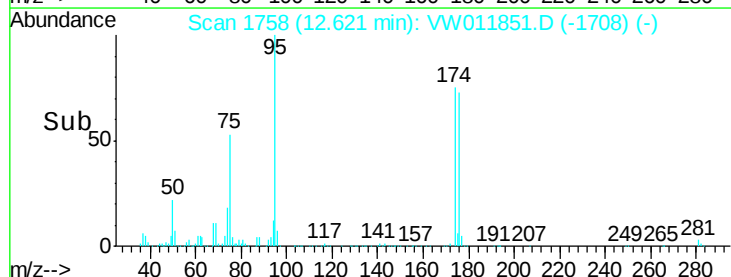
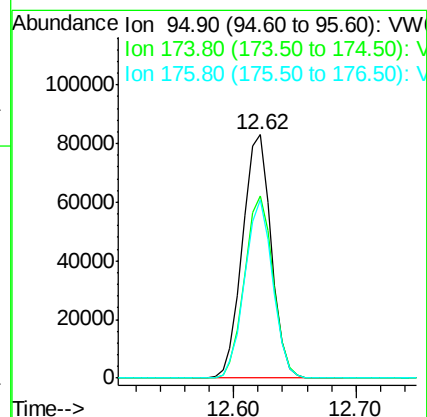
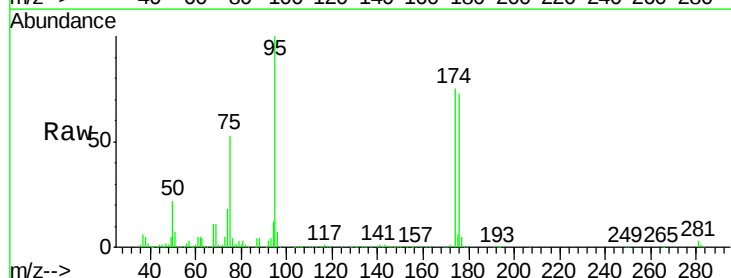
Tgt Ion: 95 Resp: 134586

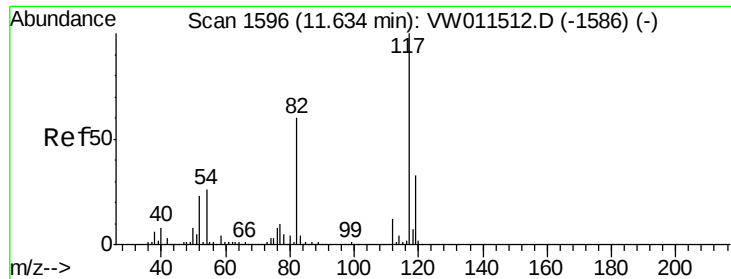
Ion Ratio Lower Upper

95 100

174 75.1 0.0 150.2

176 71.8 0.0 144.4

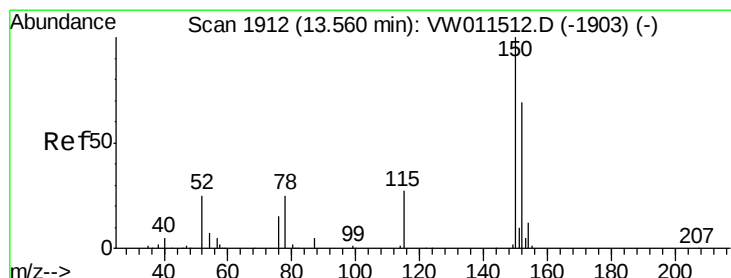
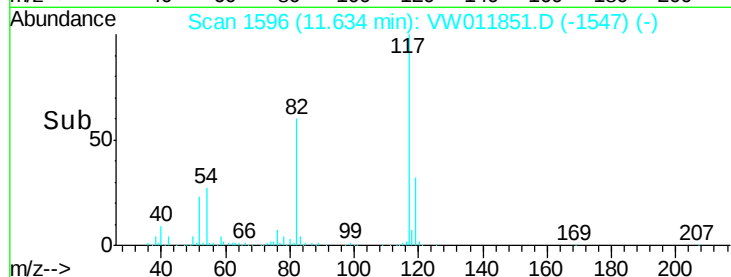
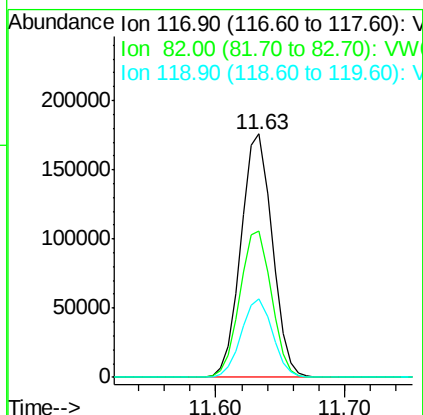
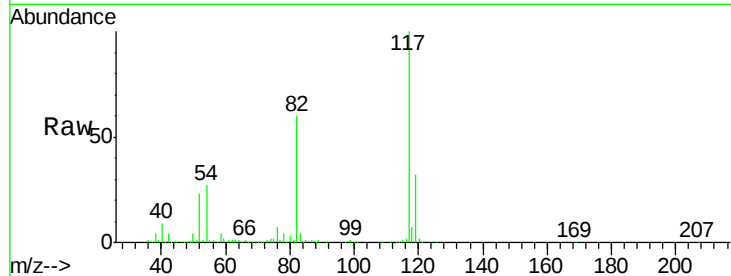




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011851.D
Acq: 12 Aug 2019 14:50

Instrument :
MSVOA_W
ClientSampleId :
2S-C4-(0)

Tot Ion:117 Resp: 295463
Ion Ratio Lower Upper
117 100
82 59.9 47.9 71.9
119 32.1 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW011851.D
Acq: 12 Aug 2019 14:50

Tgt Ion:152 Resp: 112364
Ion Ratio Lower Upper
152 100
115 60.4 30.5 91.5
150 156.8 0.0 352.6

