

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081219\
 Data File : VW011873.D
 Acq On : 13 Aug 2019 02:03
 Operator : SY/VA
 Sample : K4229-19
 Misc : 6.50G/5ML/MSVOA W/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 2S-A2-(1)

Quant Time: Aug 13 09:49:57 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

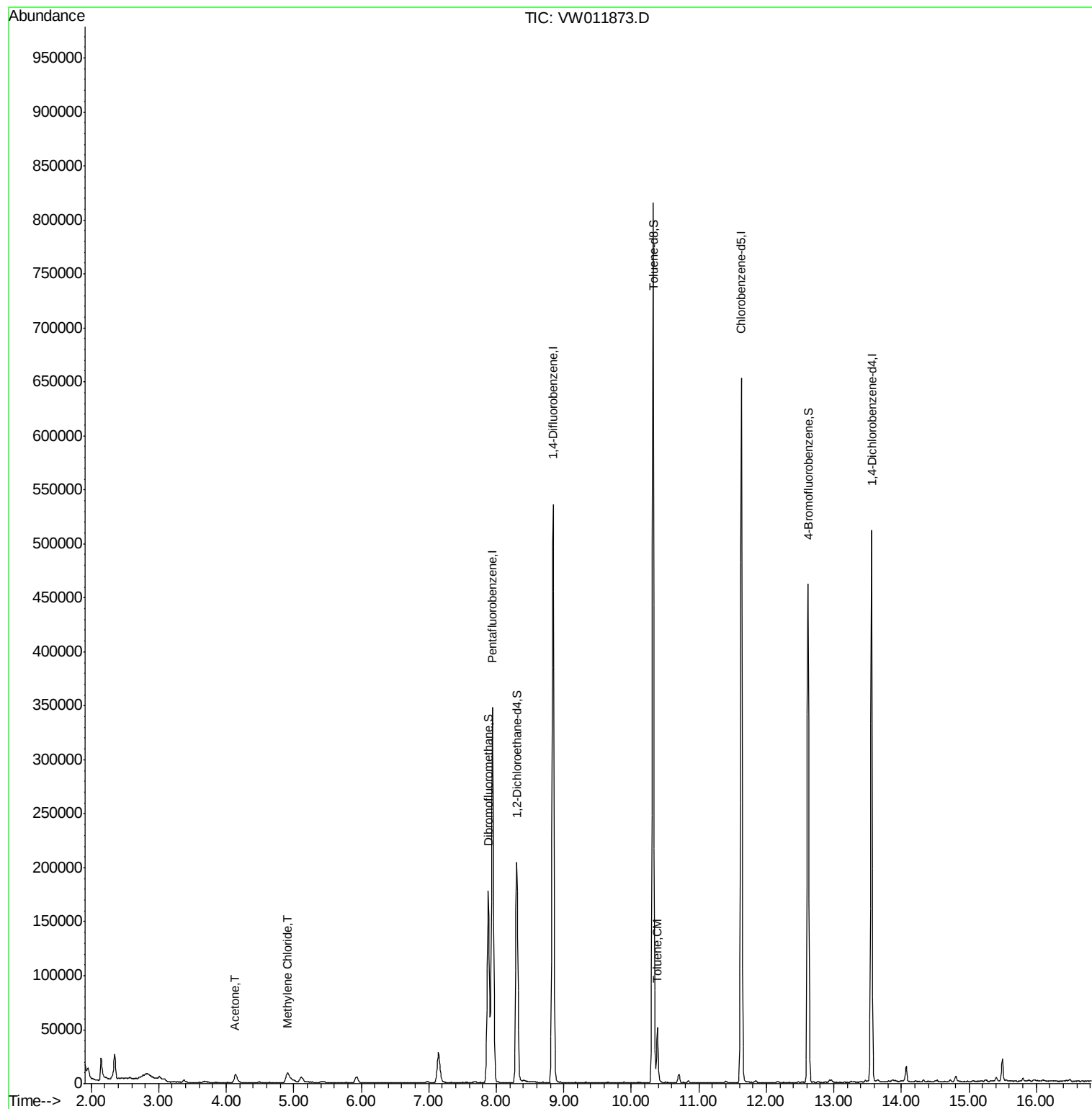
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	243187	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	413093	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	338904	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	124394	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	162657	58.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.50%	
35) Dibromofluoromethane	7.88	113	127333	54.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.88%	
50) Toluene-d8	10.32	98	509549	53.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.40%	
62) 4-Bromofluorobenzene	12.62	95	155396	45.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.88%	
Target Compounds						
16) Acetone	4.13	43	15547	17.502	ug/l #	89
20) Methylene Chloride	4.90	84	6208	2.026	ug/l	92
52) Toluene	10.39	92	20213	2.782	ug/l	99

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

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Quant Title : SW846 8260
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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: VW011873.D

Acq: 13 Aug 2019 02:03

Instrument :

MSVOA_W

ClientSampleId :

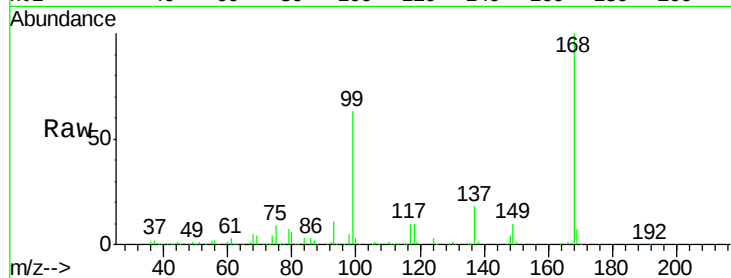
2S-A2-(1)

Tot Ion:168 Resp: 243187

Ion Ratio Lower Upper

168 100

99 62.5 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

120000

100000

80000

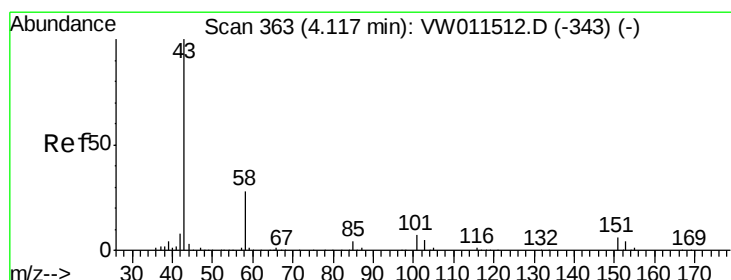
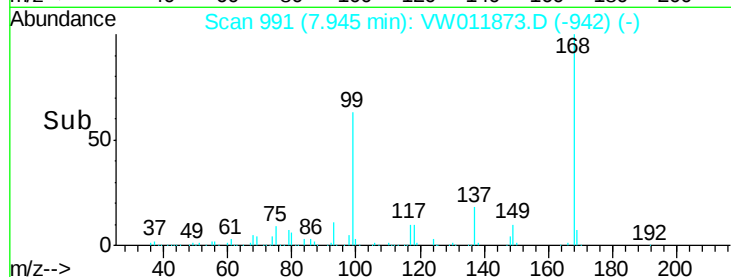
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 17.502 ug/l

RT: 4.13 min Scan# 366

Delta R.T. 0.02 min

Lab File: VW011873.D

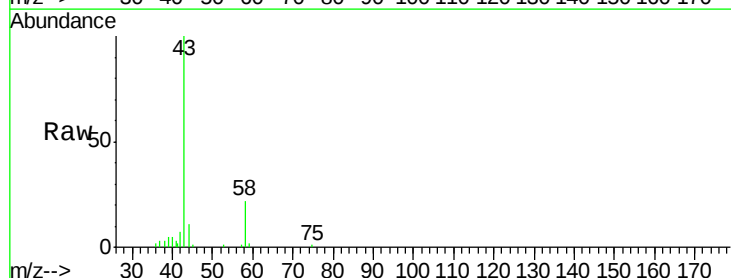
Acq: 13 Aug 2019 02:03

Tgt Ion: 43 Resp: 15547

Ion Ratio Lower Upper

43 100

58 21.9 22.3 33.5#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

6000

5000

4000

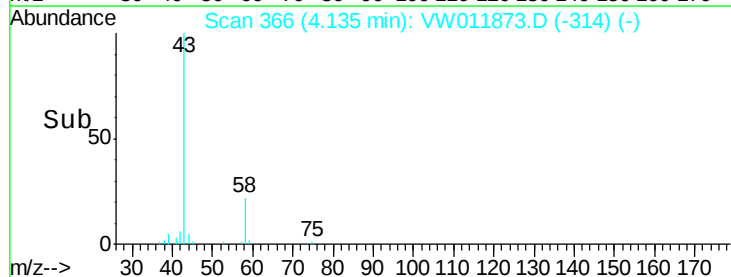
3000

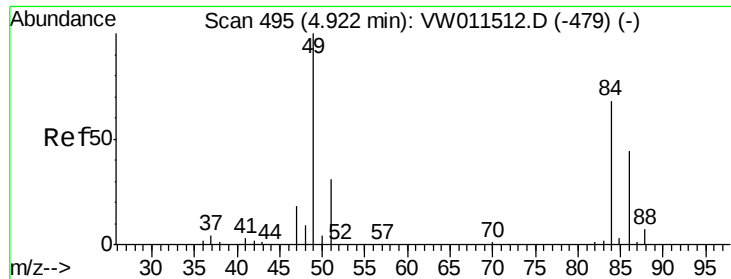
2000

1000

0

Time-->

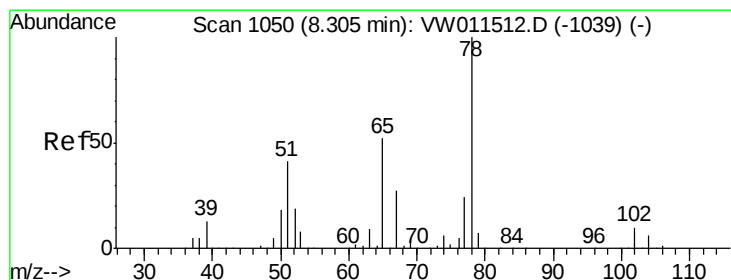
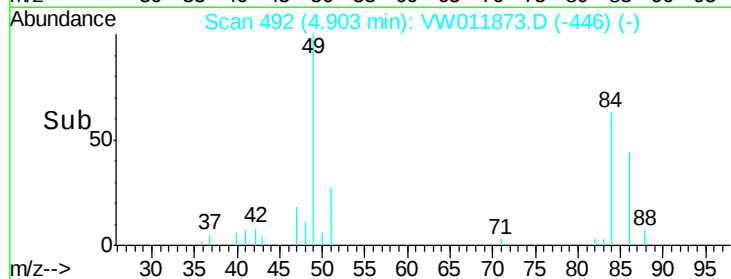
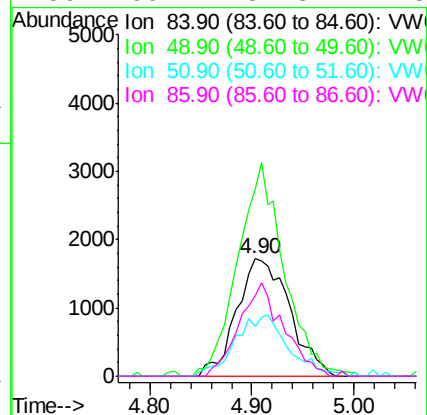
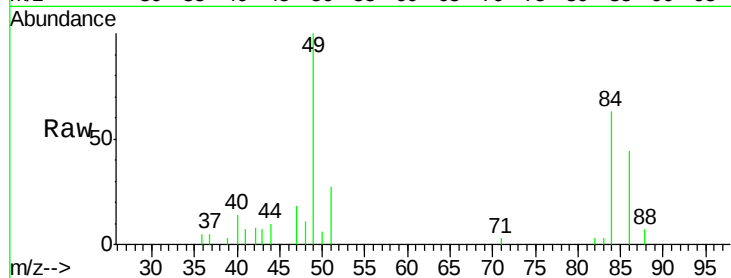




#20
Methvlene Chloride
Concen: 2.026 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.02 min
Lab File: VW011873.D
Acq: 13 Aug 2019 02:03

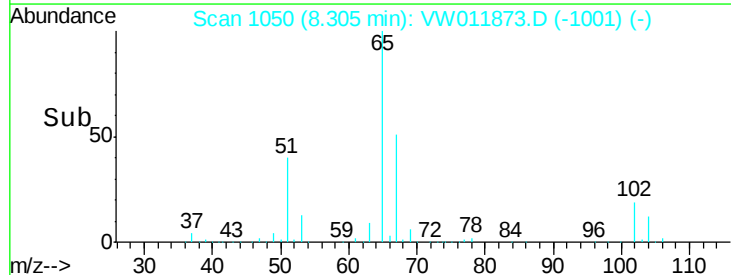
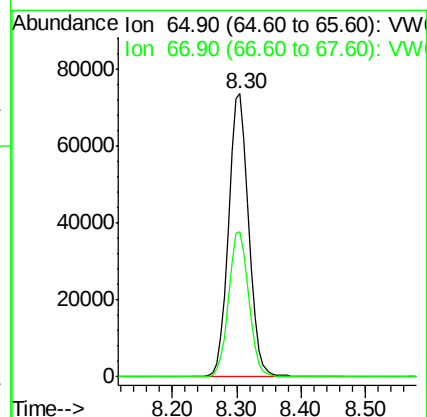
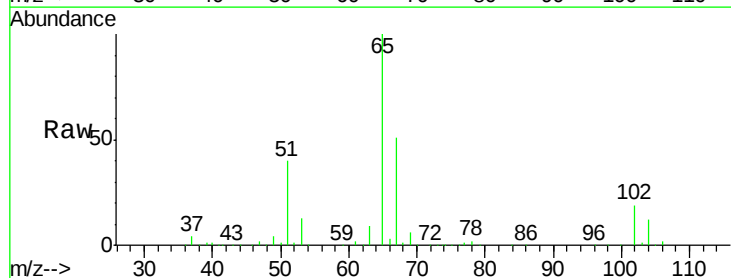
Instrument :
MSVOA_W
ClientSampleId :
2S-A2-(1)

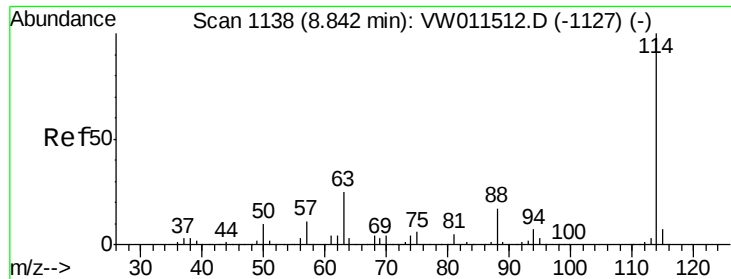
Tot Ion: 84 Resp: 6208
Ion Ratio Lower Upper
84 100
49 158.7 117.8 176.6
51 42.3 37.0 55.4
86 69.2 51.8 77.8



#33
1,2-Dichloroethane-d4
Concen: 58.249 ug/l
RT: 8.30 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW011873.D
Acq: 13 Aug 2019 02:03

Tgt Ion: 65 Resp: 162657
Ion Ratio Lower Upper
65 100
67 51.6 0.0 105.2

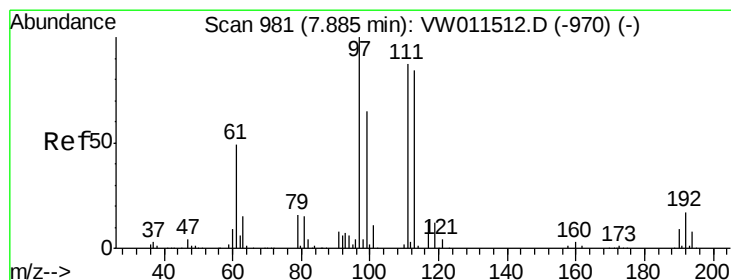
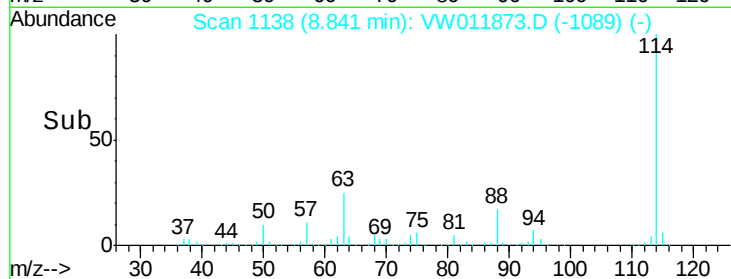
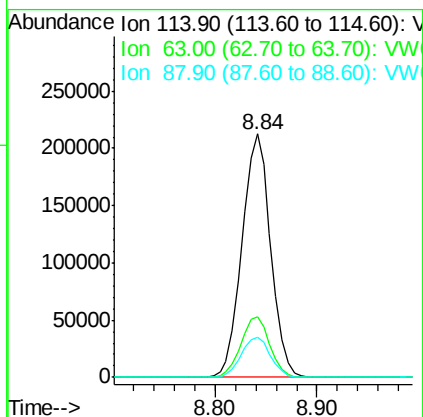
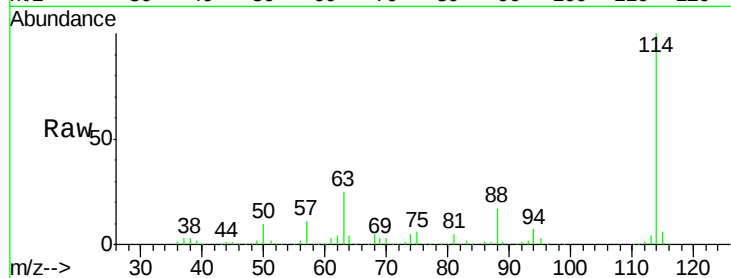




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011873.D
 Acq: 13 Aug 2019 02:03

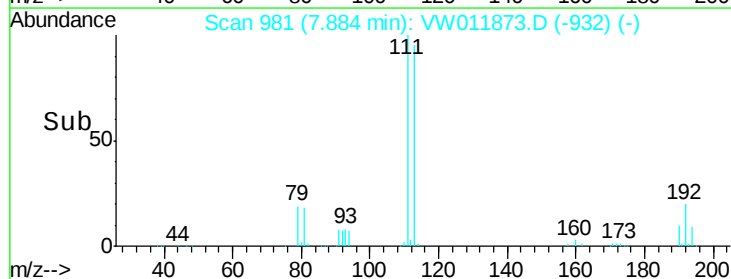
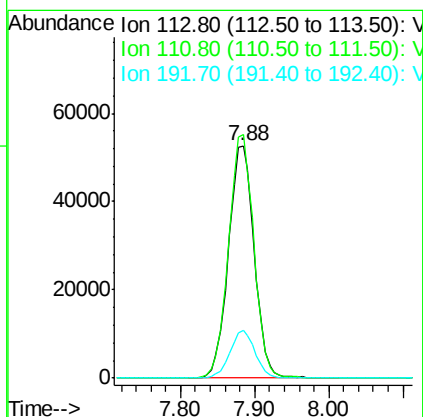
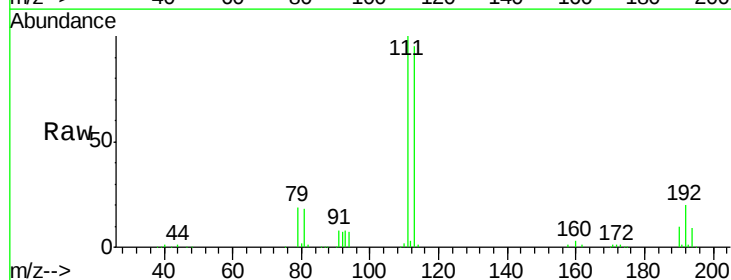
Instrument :
 MSVOA_W
 ClientSampled :
 2S-A2-(1)

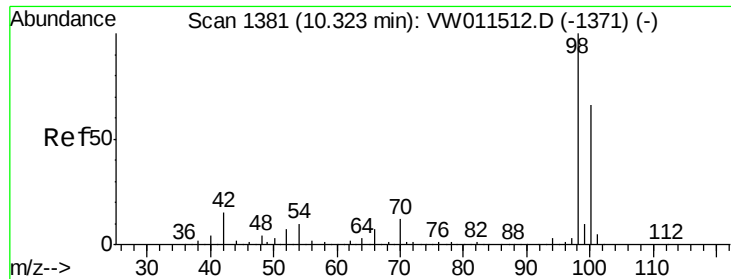
Tot Ion:114 Resp: 413093
 Ion Ratio Lower Upper
 114 100
 63 24.7 0.0 49.2
 88 16.7 0.0 33.8



#35
 Dibromofluoromethane
 Concen: 54.944 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW011873.D
 Acq: 13 Aug 2019 02:03

Tgt Ion:113 Resp: 127333
 Ion Ratio Lower Upper
 113 100
 111 103.2 82.7 124.1
 192 20.0 16.1 24.1

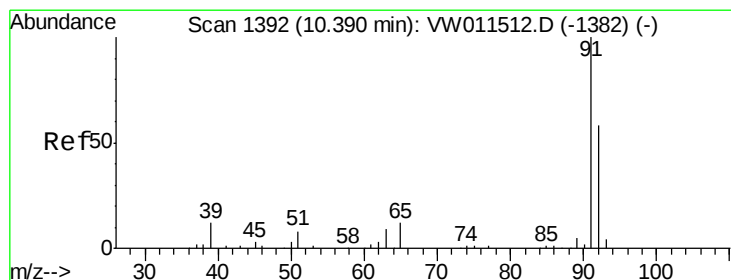
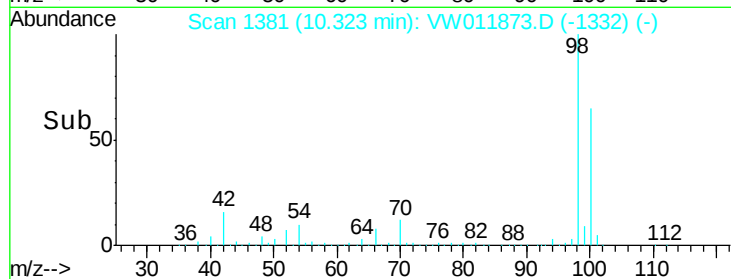
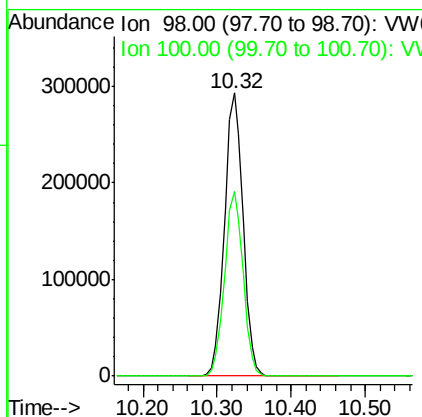
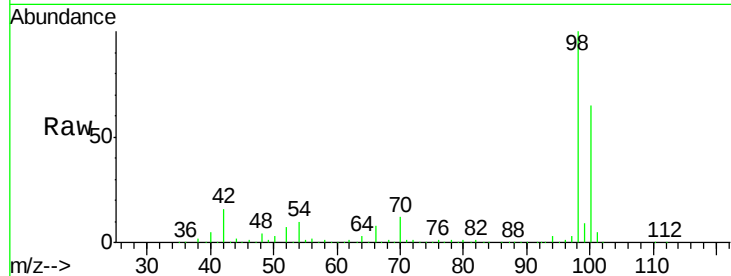




#50
Toluene-d8
Concen: 53.701 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW011873.D
Acq: 13 Aug 2019 02:03

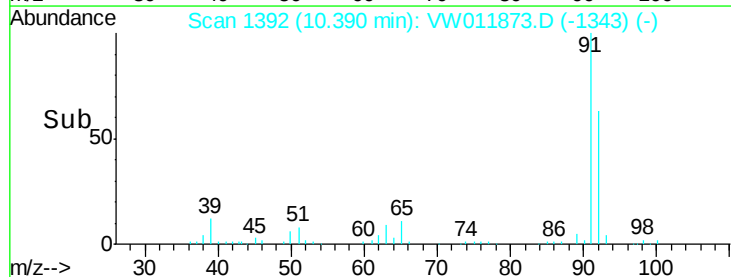
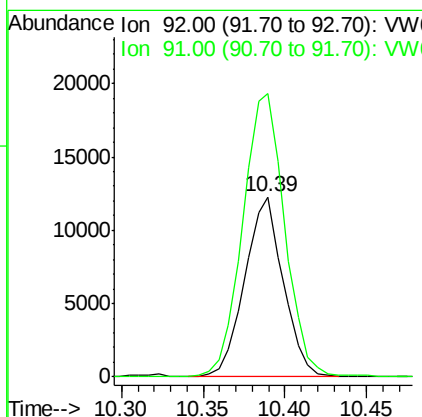
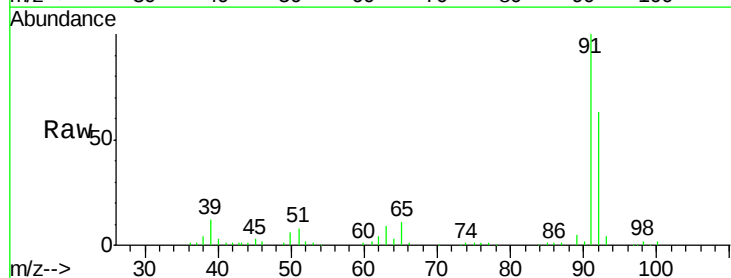
Instrument :
MSVOA_W
ClientSampleId :
2S-A2-(1)

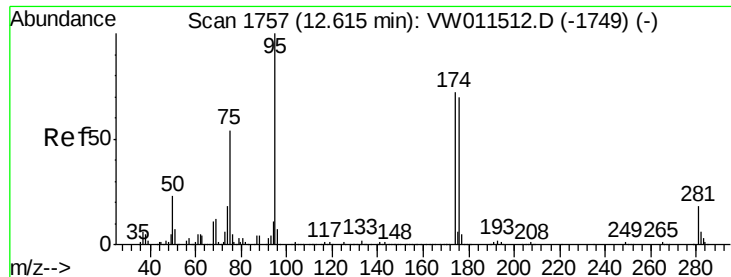
Tot Ion: 98 Resp: 509549
Ion Ratio Lower Upper
98 100
100 65.1 52.7 79.1



#52
Toluene
Concen: 2.782 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW011873.D
Acq: 13 Aug 2019 02:03

Tgt Ion: 92 Resp: 20213
Ion Ratio Lower Upper
92 100
91 172.1 136.7 205.1





#62

4-Bromofluorobenzene

Concen: 45.936 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW011873.D

Acq: 13 Aug 2019 02:03

Instrument :

MSVOA_W

ClientSampleId :

2S-A2-(1)

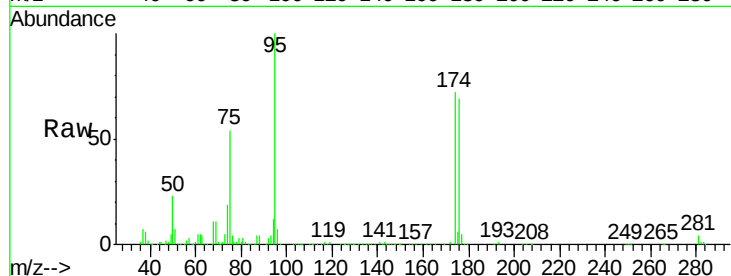
Tot Ion: 95 Resp: 155396

Ion Ratio Lower Upper

95 100

174 75.2 0.0 150.2

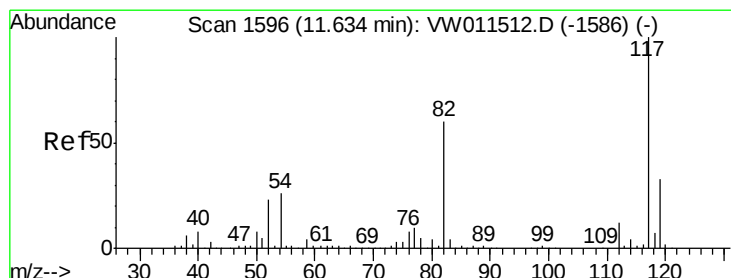
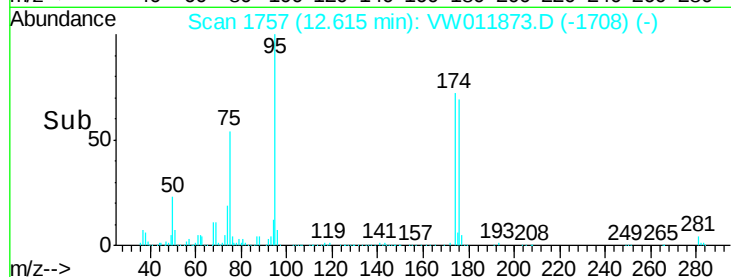
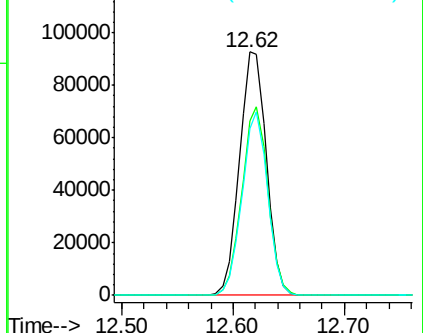
176 71.9 0.0 144.4



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW011873.D

Acq: 13 Aug 2019 02:03

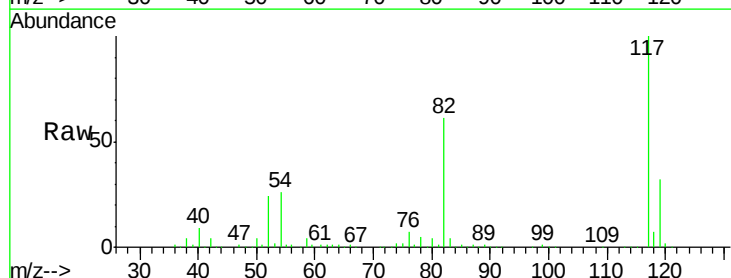
Tgt Ion: 117 Resp: 338904

Ion Ratio Lower Upper

117 100

82 60.6 47.9 71.9

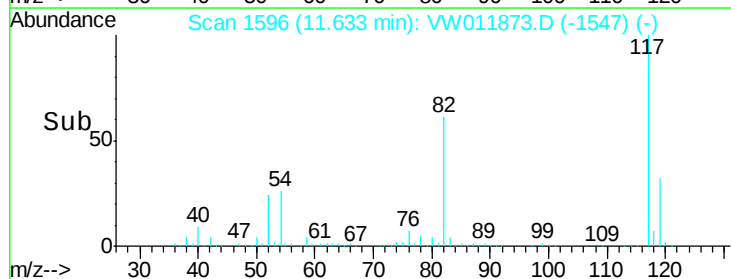
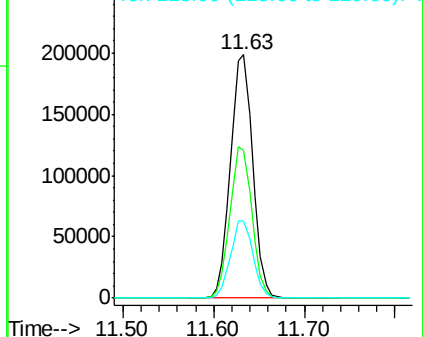
119 31.8 26.2 39.2

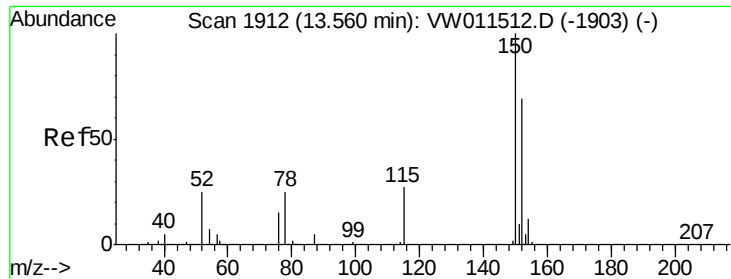


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW011873.D

Acq: 13 Aug 2019 02:03

Instrument :

MSVOA_W

ClientSampleId :

2S-A2-(1)

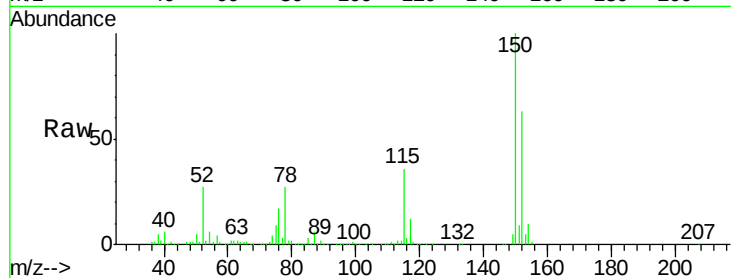
Tot Ion:152 Resp: 124394

Ion Ratio Lower Upper

152 100

115 59.8 30.5 91.5

150 156.8 0.0 352.6



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

