

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090319\
 Data File : VW012566.D
 Acq On : 04 Sep 2019 00:58
 Operator : SY/VA
 Sample : K4544-13
 Misc : 4.98G/5ML/MSVOA W/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T16-17-C3-(0)

Quant Time: Sep 04 07:54:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

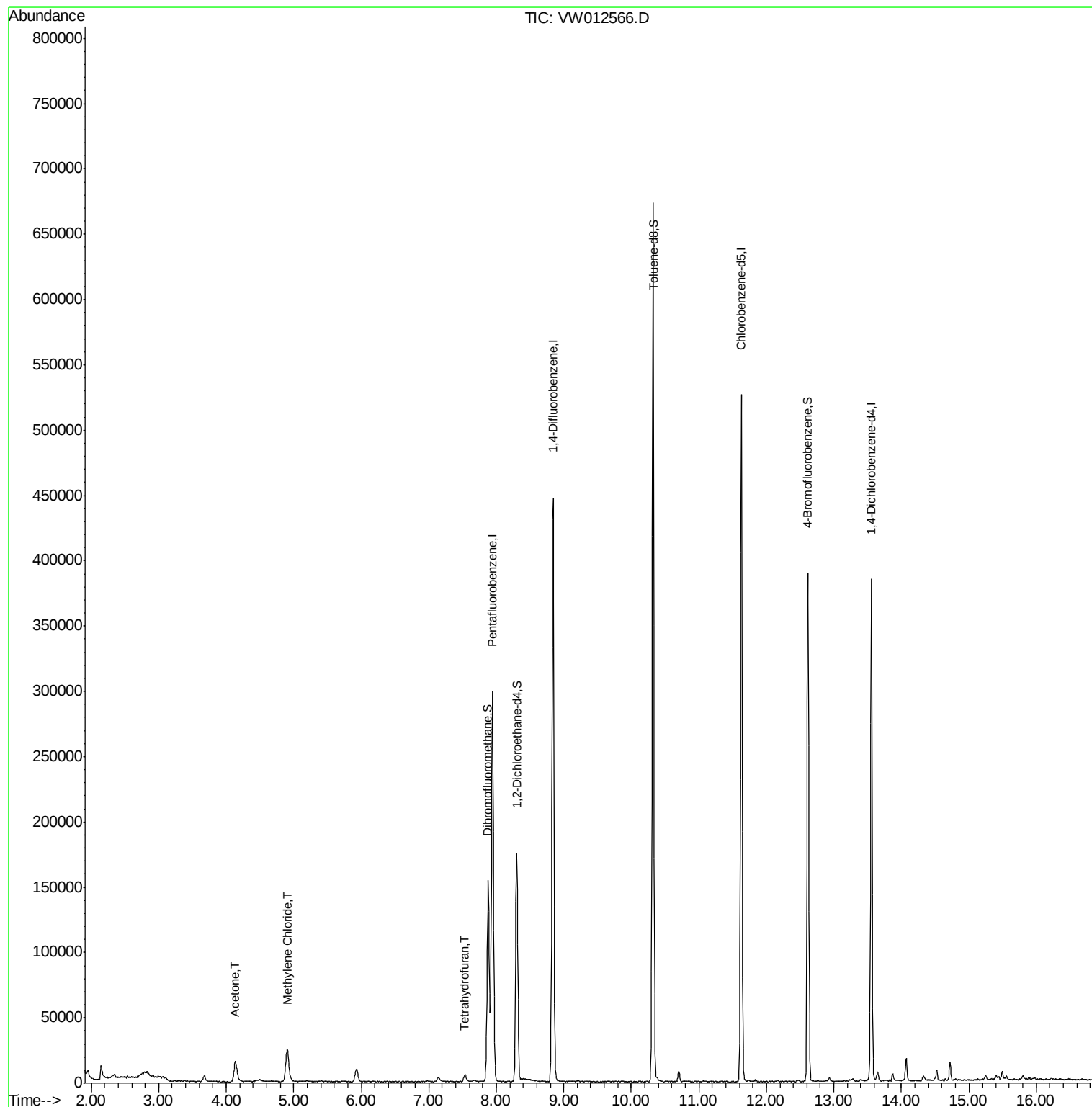
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	217267	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	348106	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	280446	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	96721	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	141594	54.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.64%	
35) Dibromofluoromethane	7.88	113	110272	53.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.14%	
50) Toluene-d8	10.32	98	419445	49.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.58%	
62) 4-Bromofluorobenzene	12.62	95	122079	41.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.22%	
Target Compounds						
16) Acetone	4.13	43	34141	51.712	ug/l	97
20) Methylene Chloride	4.90	84	16923	6.780	ug/l #	84
29) Tetrahydrofuran	7.53	42	4471	8.307	ug/l #	91

(#) = 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

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MSVOA_W

ClientSampleId :

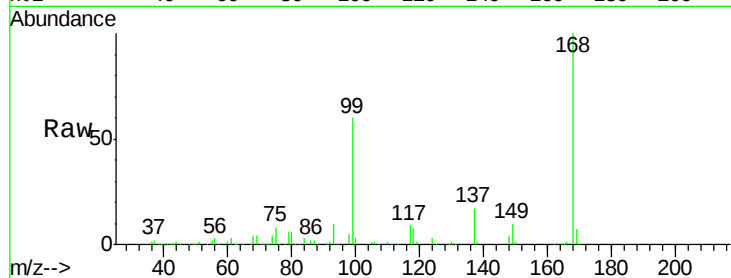
T16-17-C3-(0)

Tot Ion:168 Resp: 217267

Ion Ratio Lower Upper

168 100

99 60.1 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

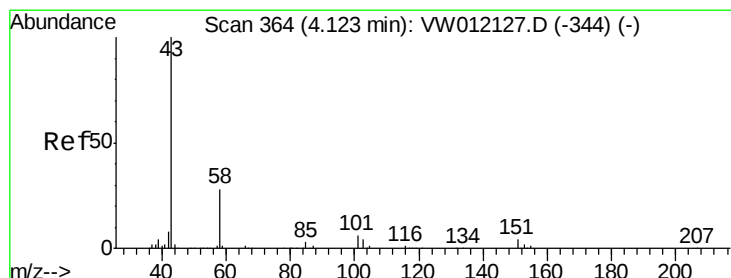
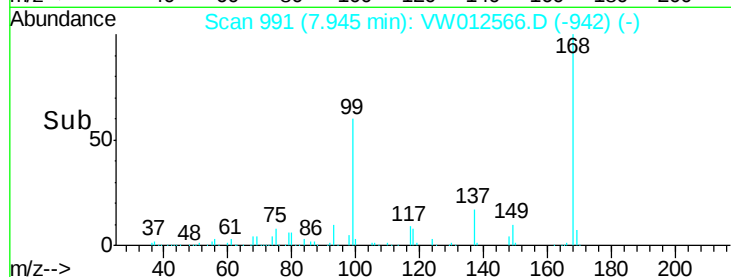
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 51.712 ug/l

RT: 4.13 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW012566.D

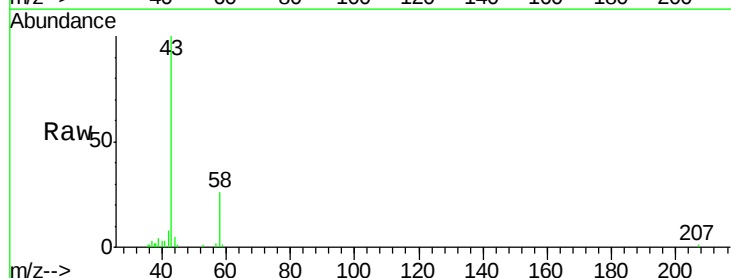
Acq: 04 Sep 2019 00:58

Tgt Ion: 43 Resp: 34141

Ion Ratio Lower Upper

43 100

58 26.2 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

12000

10000

8000

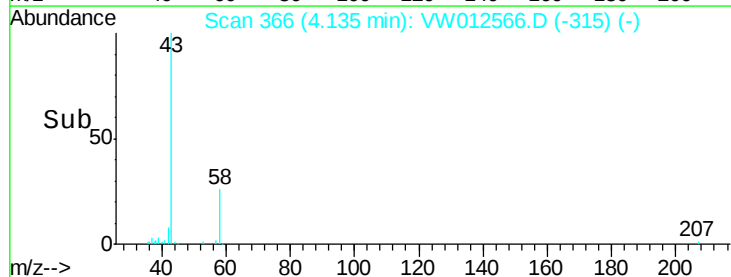
6000

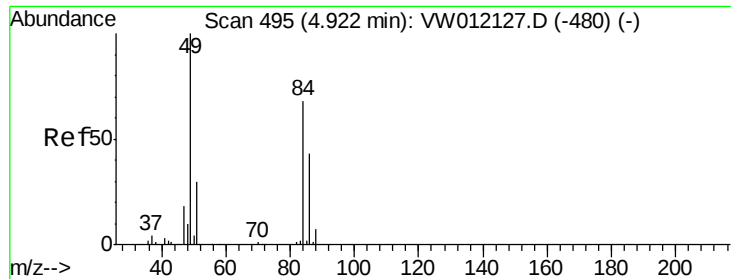
4000

2000

0

Time-->

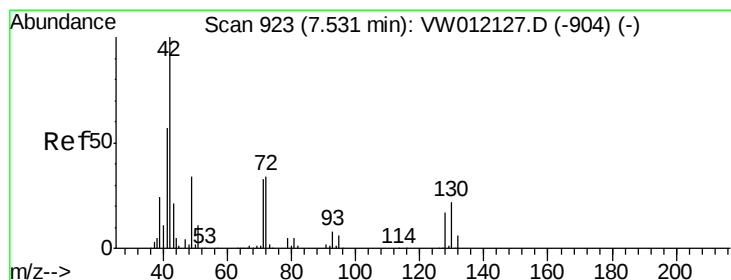
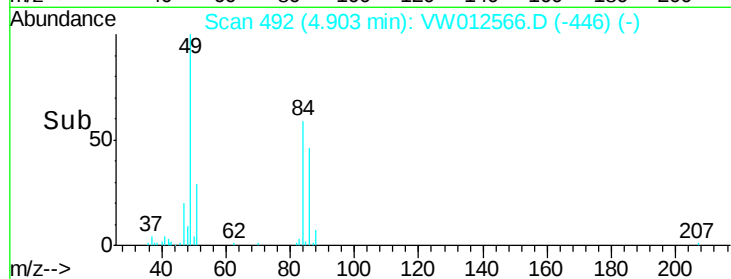
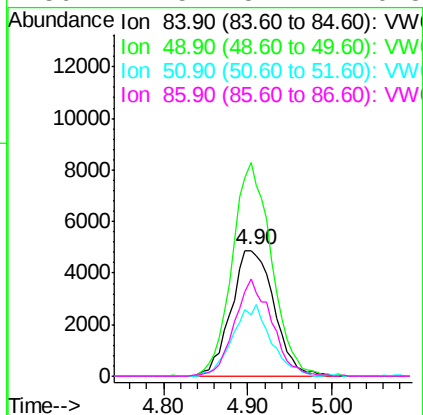
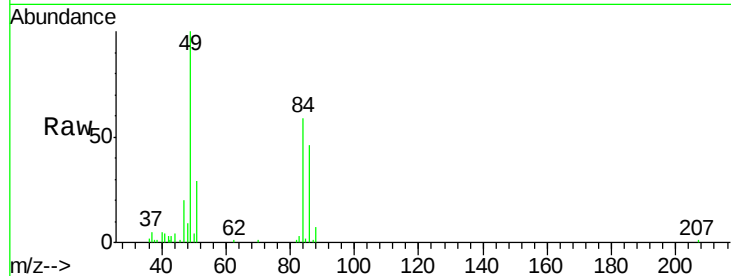




#20
Methylene Chloride
Concen: 6.780 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.02 min
Lab File: VW012566.D
Acq: 04 Sep 2019 00:58

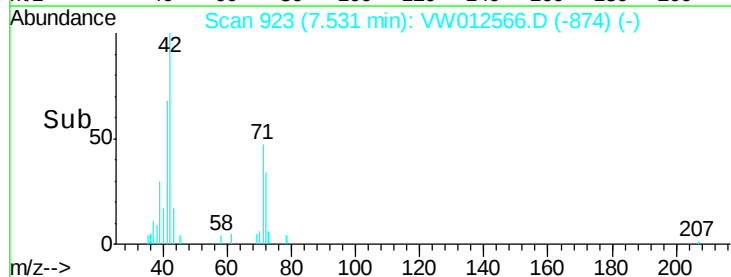
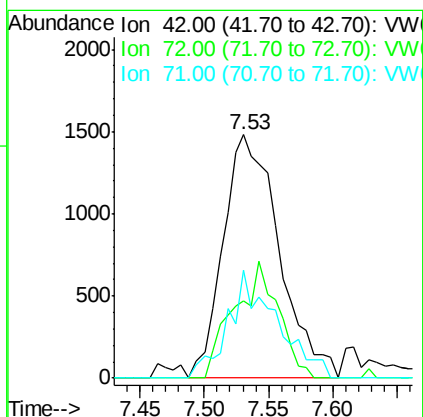
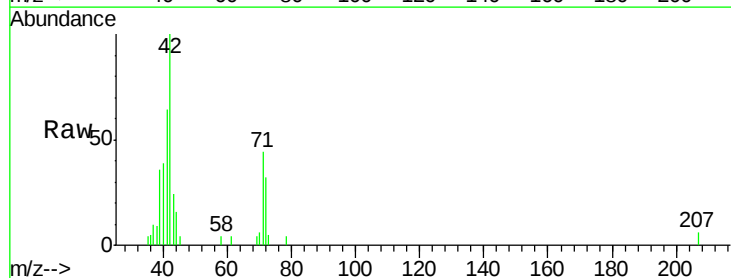
Instrument :
MSVOA_W
ClientSampleId :
T16-17-C3-(0)

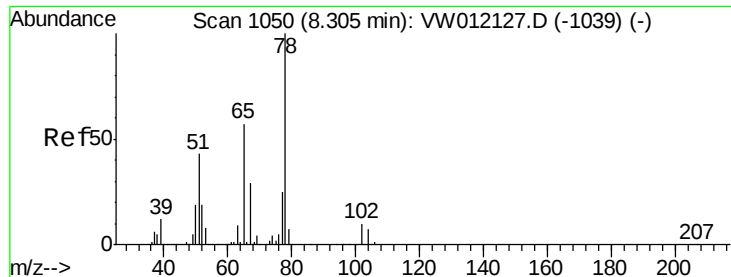
Tot Ion: 84 Resp: 16923
Ion Ratio Lower Upper
84 100
49 170.2 117.8 176.8
51 48.9 35.6 53.4
86 77.5 51.2 76.8#



#29
Tetrahydrofuran
Concen: 8.307 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW012566.D
Acq: 04 Sep 2019 00:58

Tgt Ion: 42 Resp: 4471
Ion Ratio Lower Upper
42 100
72 37.8 27.3 40.9
71 38.3 25.5 38.3#

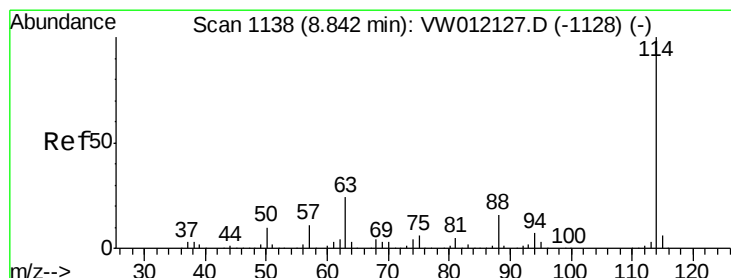
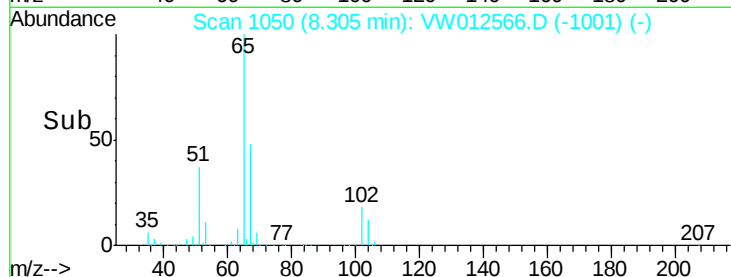
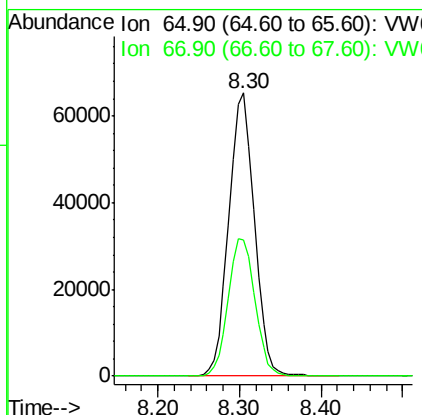
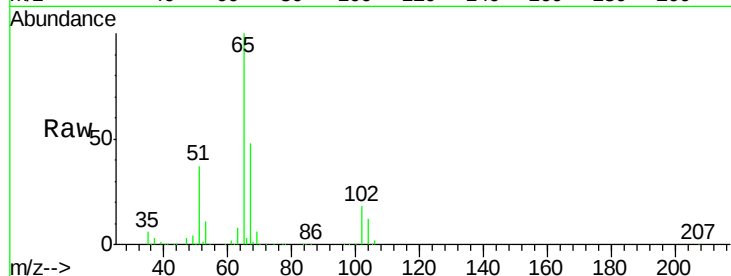




#33
 1,2-Dichloroethane-d4
 Concen: 54.822 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012566.D
 Acq: 04 Sep 2019 00:58

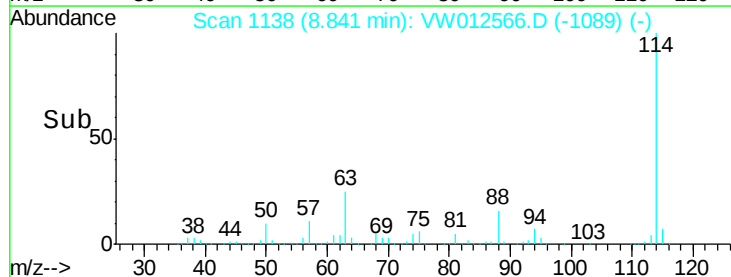
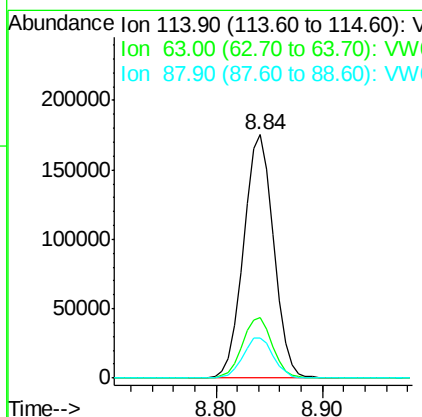
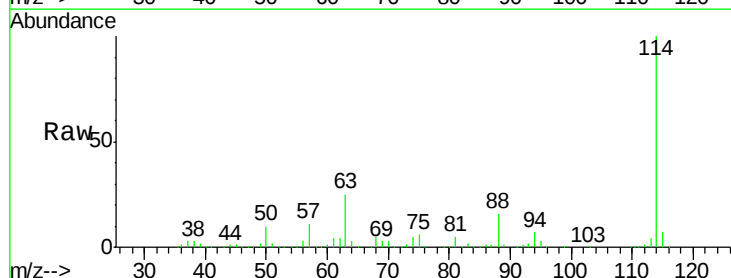
Instrument :
 MSVOA_W
 ClientSampleId :
 T16-17-C3-(0)

Tot Ion: 65 Resp: 141594
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012566.D
 Acq: 04 Sep 2019 00:58

Tgt Ion: 114 Resp: 348106
 Ion Ratio Lower Upper
 114 100
 63 25.1 0.0 48.6
 88 16.5 0.0 32.2

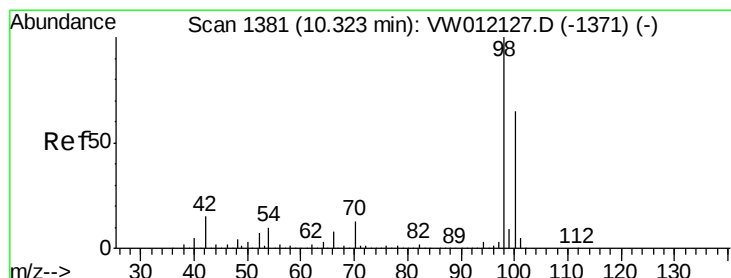
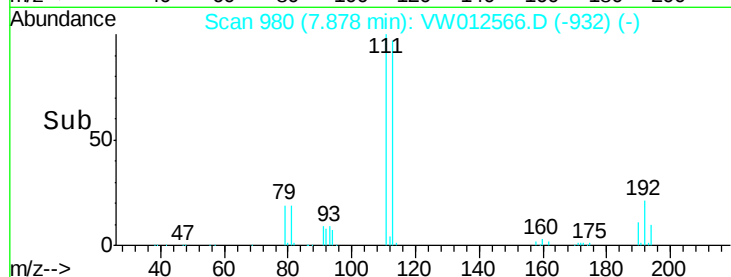
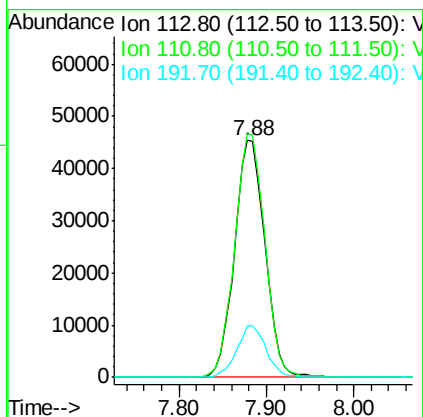
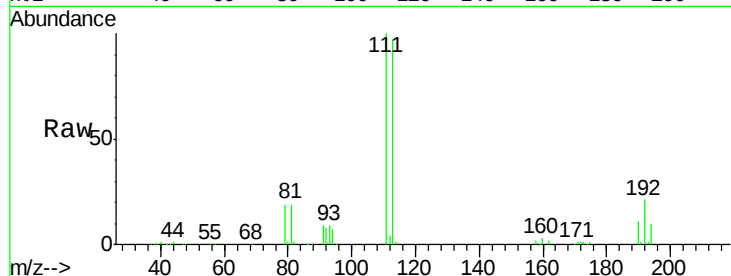




#35
 Dibromofluoromethane
 Concen: 53.070 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012566.D
 Acq: 04 Sep 2019 00:58

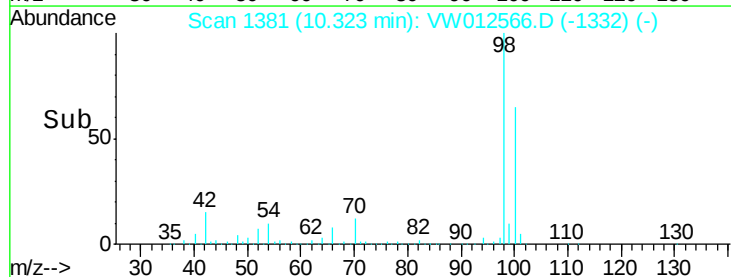
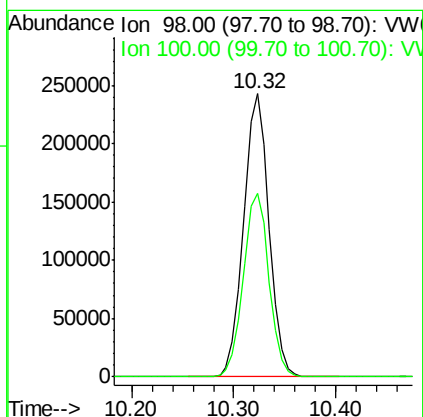
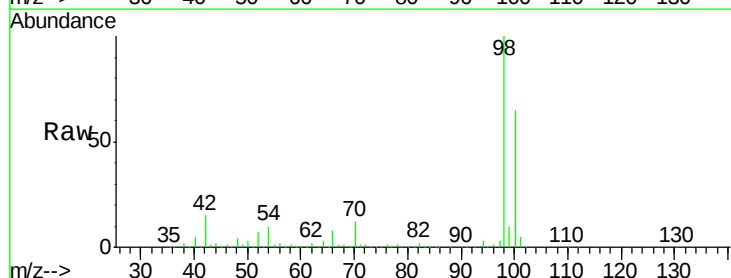
Instrument :
 MSVOA_W
 ClientSampleId :
 T16-17-C3-(0)

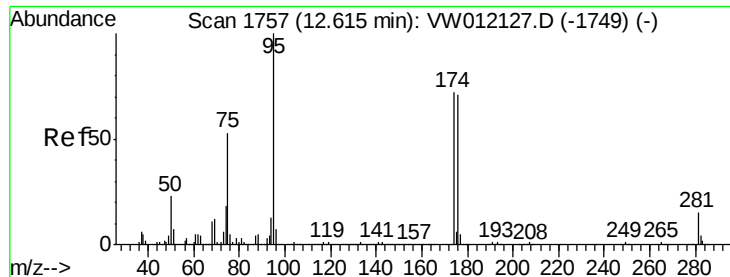
Tot Ion:113 Resp: 110272
 Ion Ratio Lower Upper
 113 100
 111 102.1 82.7 124.1
 192 20.9 16.2 24.2



#50
 Toluene-d8
 Concen: 49.785 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW012566.D
 Acq: 04 Sep 2019 00:58

Tgt Ion: 98 Resp: 419445
 Ion Ratio Lower Upper
 98 100
 100 65.5 52.4 78.6





#62

4-Bromofluorobenzene

Concen: 41.106 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012566.D

Acq: 04 Sep 2019 00:58

Instrument :

MSVOA_W

ClientSampleId :

T16-17-C3-(0)

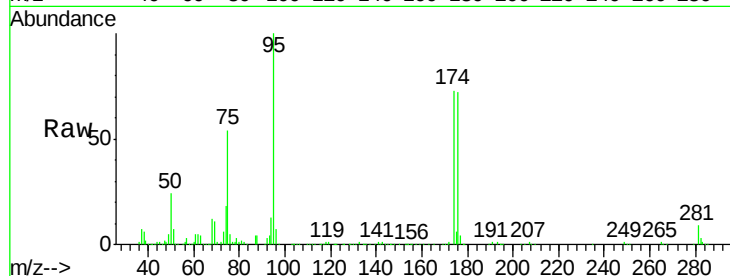
Tot Ion: 95 Resp: 122079

Ion Ratio Lower Upper

95 100

174 78.2 0.0 150.8

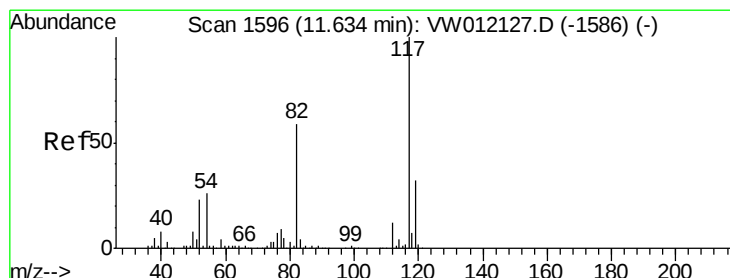
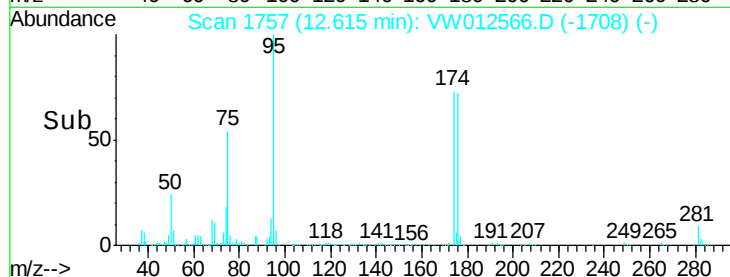
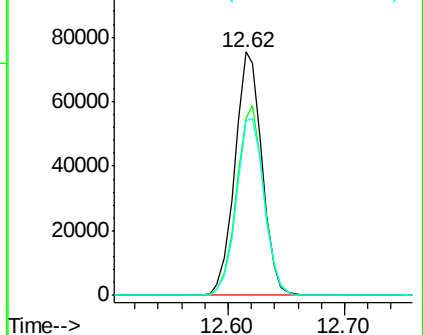
176 75.0 0.0 148.6



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: VW012566.D

Acq: 04 Sep 2019 00:58

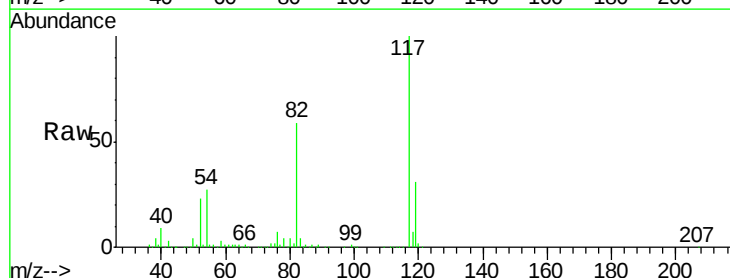
Tgt Ion: 117 Resp: 280446

Ion Ratio Lower Upper

117 100

82 59.3 47.4 71.2

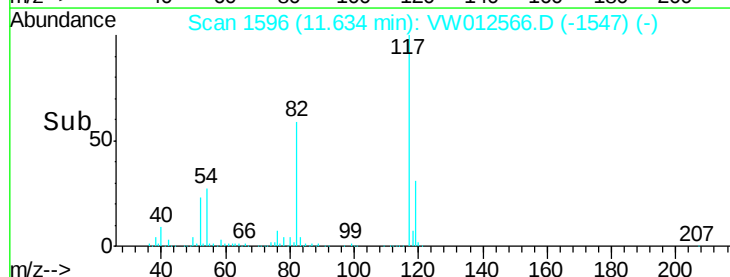
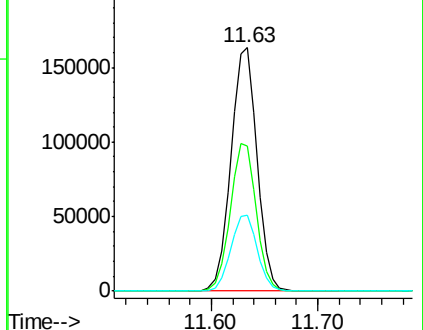
119 31.1 25.4 38.2

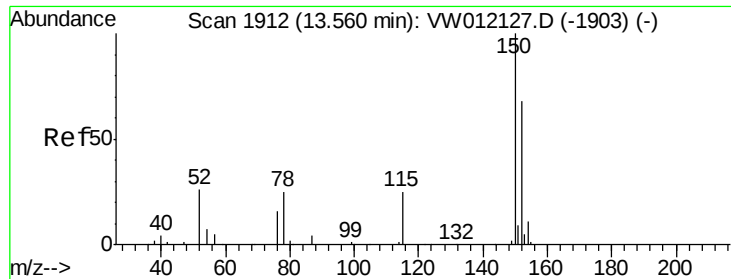


Abundance Ion 116.90 (116.60 to 117.60): VW

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: 13.55 min Scan# 1911

Delta R.T. -0.01 min

Lab File: VW012566.D

Acq: 04 Sep 2019 00:58

Instrument :

MSVOA_W

ClientSampleId :

T16-17-C3-(0)

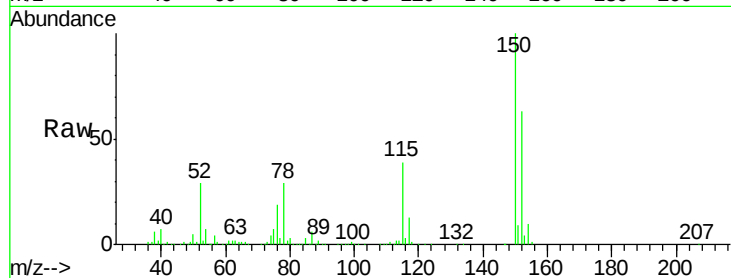
Tot Ion:152 Resp: 96721

Ion Ratio Lower Upper

152 100

115 60.2 30.1 90.3

150 159.0 0.0 345.8



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

