

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090319\
 Data File : VW012575.D
 Acq On : 04 Sep 2019 04:49
 Operator : SY/VA
 Sample : K4525-09
 Misc : 2.88G/5ML/MSVOA W/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T9-12-13-A4-(1.9)

Quant Time: Sep 04 07:52:15 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

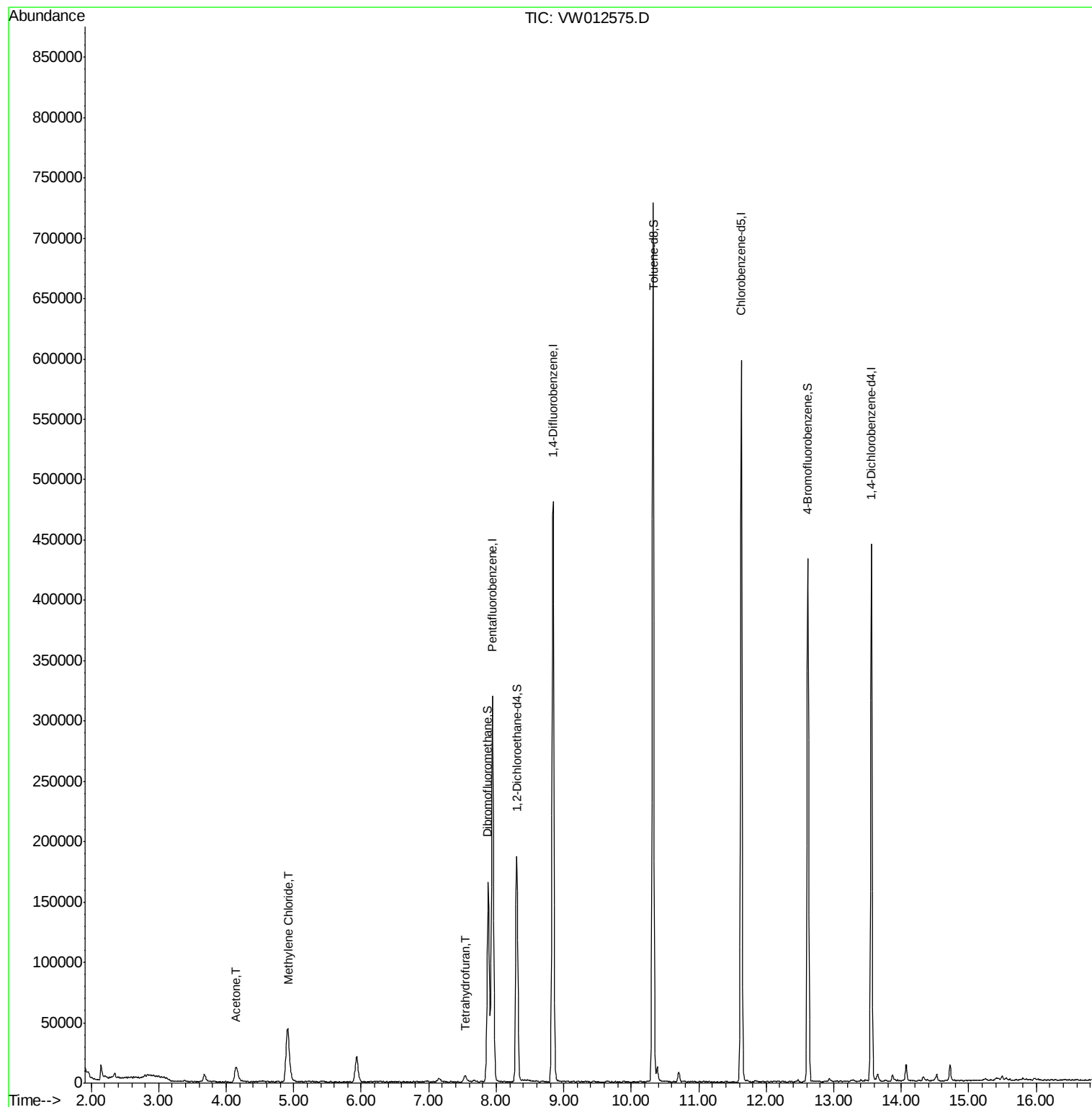
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	232842	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	377224	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	304123	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	112505	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	155053	56.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.04%	
35) Dibromofluoromethane	7.88	113	118966	52.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.66%	
50) Toluene-d8	10.32	98	458137	50.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.36%	
62) 4-Bromofluorobenzene	12.62	95	134612	41.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.66%	
Target Compounds						
16) Acetone	4.15	43	28260	39.941	ug/l	93
20) Methylene Chloride	4.91	84	34888	13.043	ug/l	99
29) Tetrahydrofuran	7.55	42	5236	9.077	ug/l	98

(#) = 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: VW012575.D

Acq: 04 Sep 2019 04:49

Instrument :

MSVOA_W

ClientSampleId :

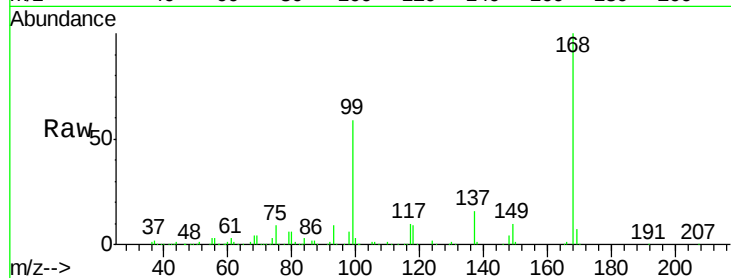
T9-12-13-A4-(1.9)

Tot Ion:168 Resp: 232842

Ion Ratio Lower Upper

168 100

99 59.2 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

120000

100000

80000

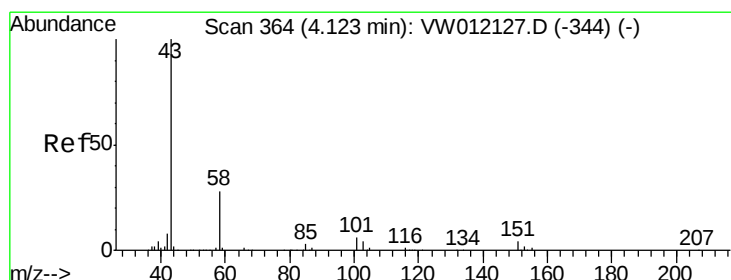
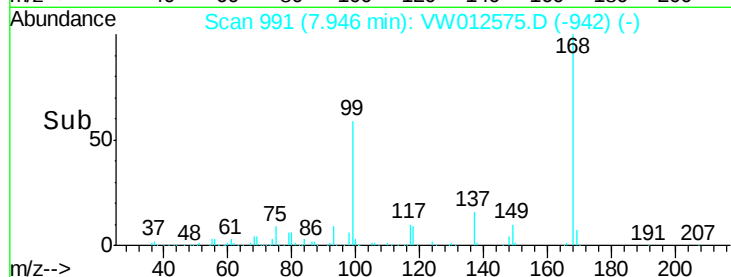
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 39.941 ug/l

RT: 4.15 min Scan# 369

Delta R.T. 0.03 min

Lab File: VW012575.D

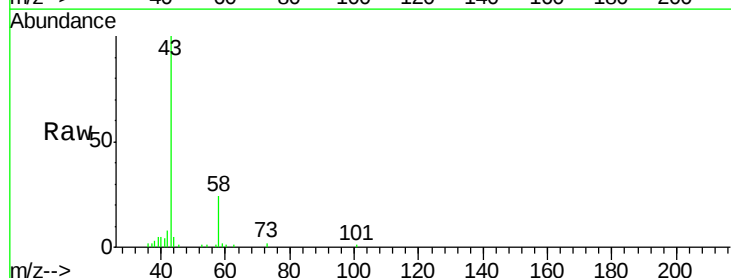
Acq: 04 Sep 2019 04:49

Tgt Ion: 43 Resp: 28260

Ion Ratio Lower Upper

43 100

58 24.4 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

8000

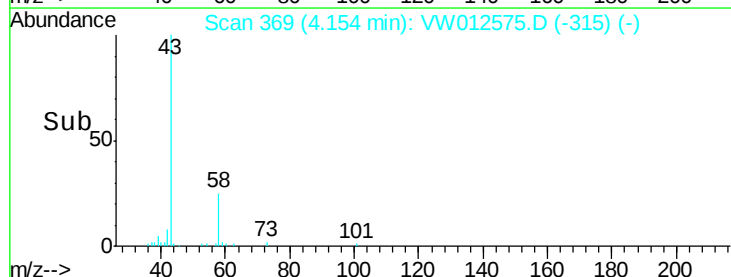
6000

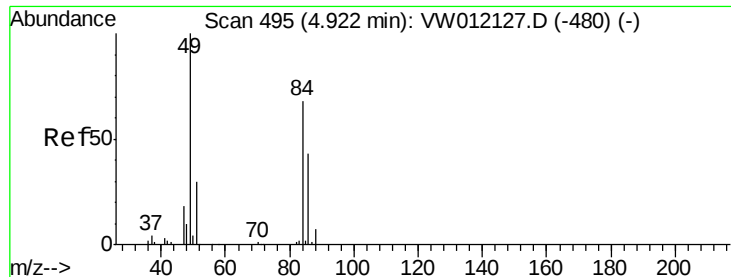
4000

2000

0

Time-->



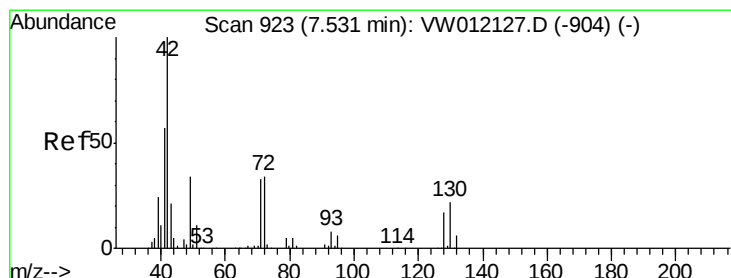
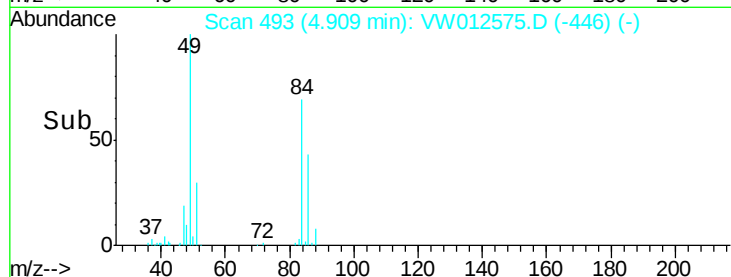
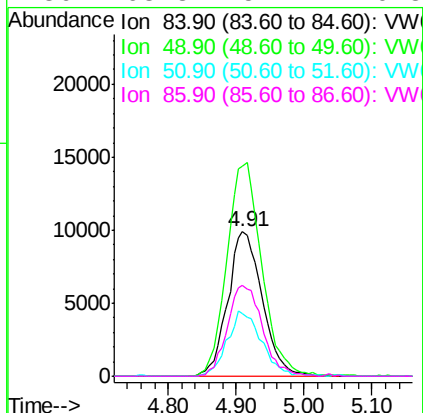
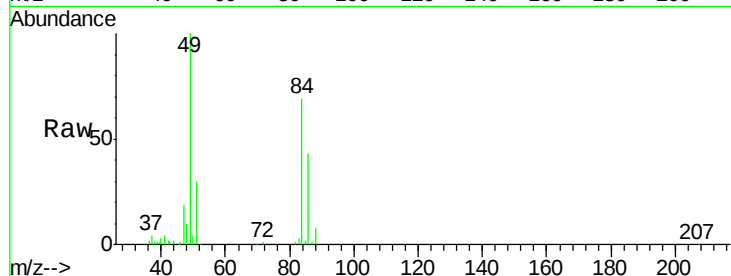


#20
Methylene Chloride
Concen: 13.043 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012575.D
Acq: 04 Sep 2019 04:49

Instrument :
MSVOA_W
ClientSampleId :
T9-12-13-A4-(1.9)

Tot Ion: 84 Resp: 34888

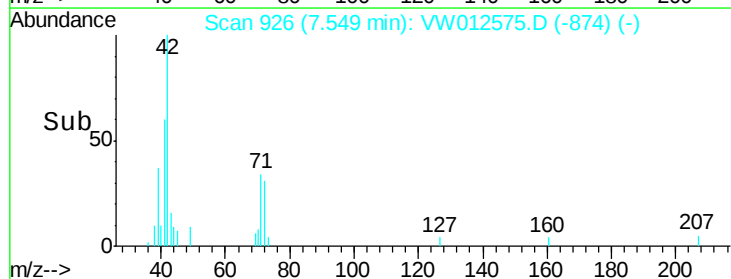
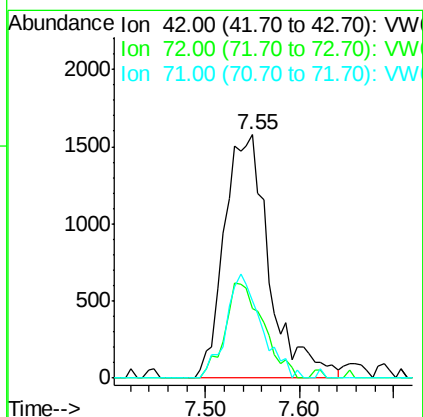
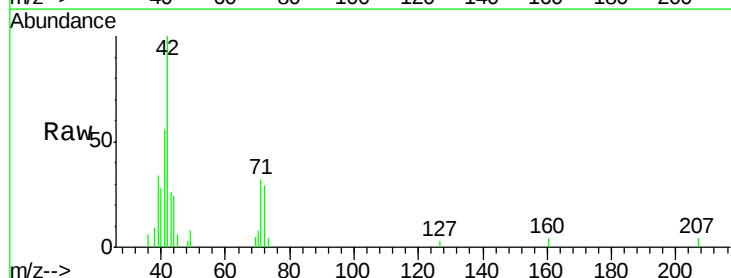
Ion	Ratio	Lower	Upper
84	100		
49	145.9	117.8	176.8
51	43.6	35.6	53.4
86	63.3	51.2	76.8

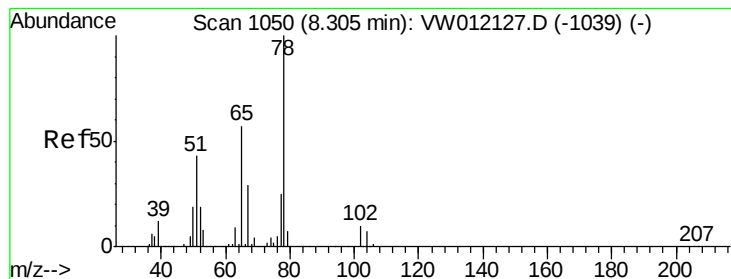


#29
Tetrahydrofuran
Concen: 9.077 ug/l
RT: 7.55 min Scan# 926
Delta R.T. 0.02 min
Lab File: VW012575.D
Acq: 04 Sep 2019 04:49

Tgt Ion: 42 Resp: 5236

Ion	Ratio	Lower	Upper
42	100		
72	33.3	27.3	40.9
71	33.4	25.5	38.3





#33

1,2-Dichloroethane-d4

Concen: 56.018 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012575.D

Acq: 04 Sep 2019 04:49

Instrument :

MSVOA_W

ClientSampleId :

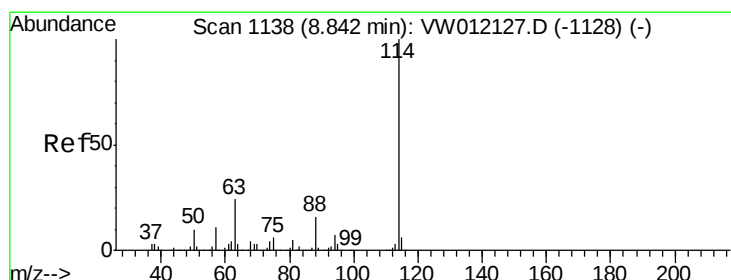
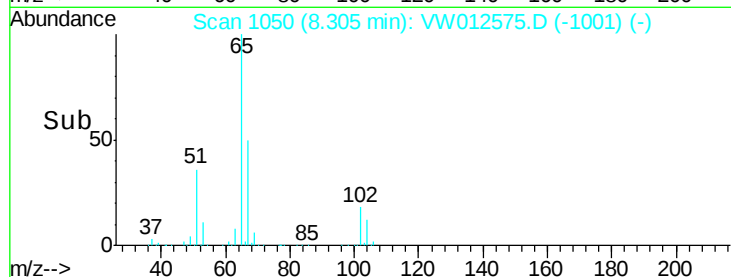
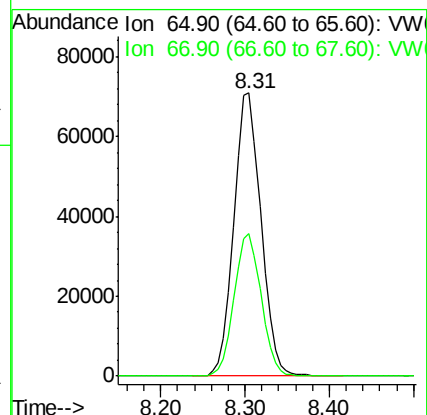
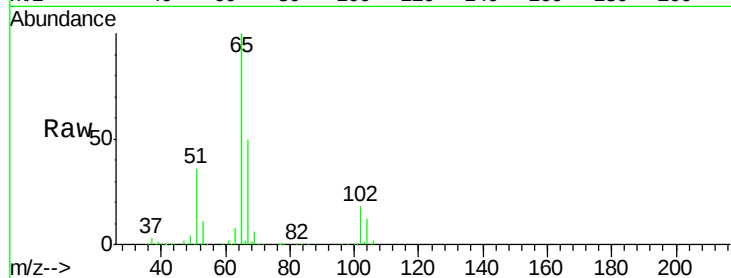
T9-12-13-A4-(1.9)

Tot Ion: 65 Resp: 155053

Ion Ratio Lower Upper

65 100

67 50.2 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: VW012575.D

Acq: 04 Sep 2019 04:49

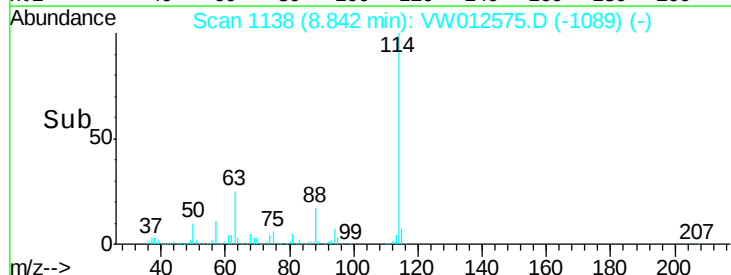
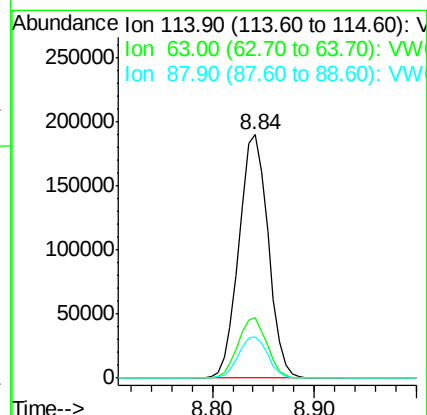
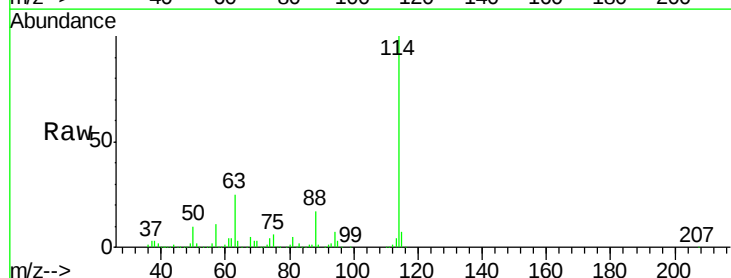
Tgt Ion: 114 Resp: 377224

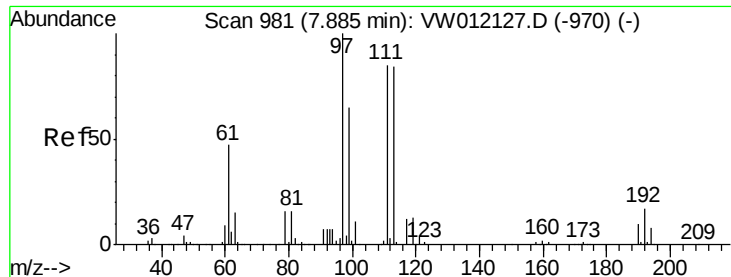
Ion Ratio Lower Upper

114 100

63 24.6 0.0 48.6

88 17.0 0.0 32.2

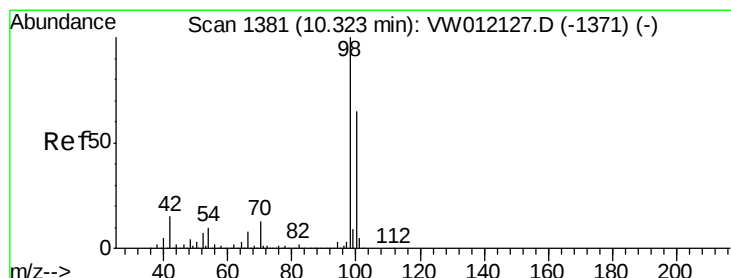
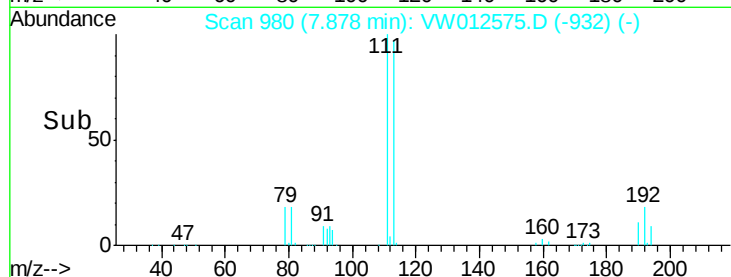
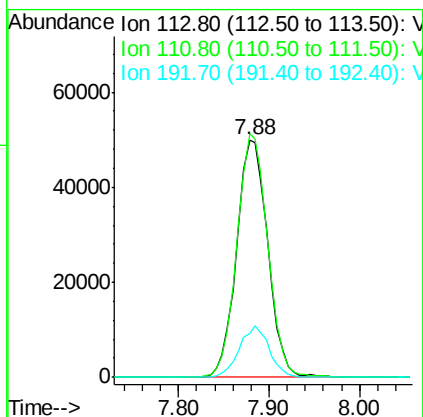
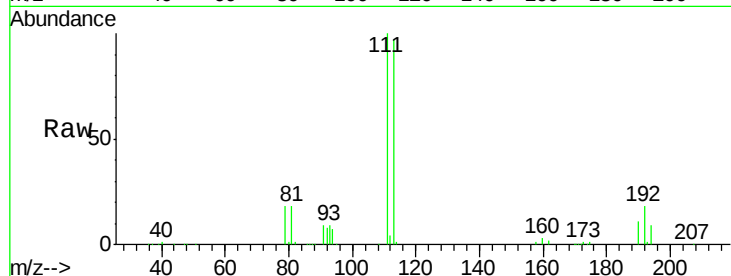




#35
 Dibromofluoromethane
 Concen: 52.835 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012575.D
 Acq: 04 Sep 2019 04:49

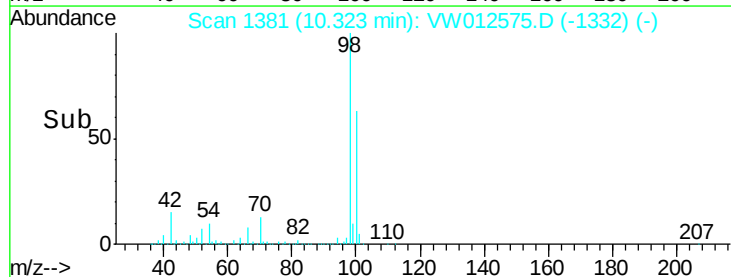
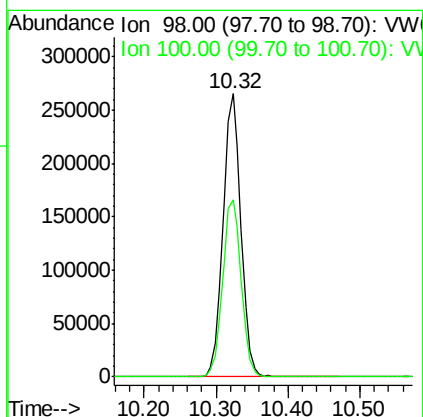
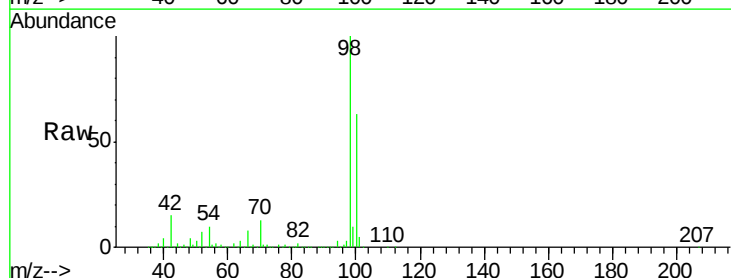
Instrument :
 MSVOA_W
 ClientSampleId :
 T9-12-13-A4-(1.9)

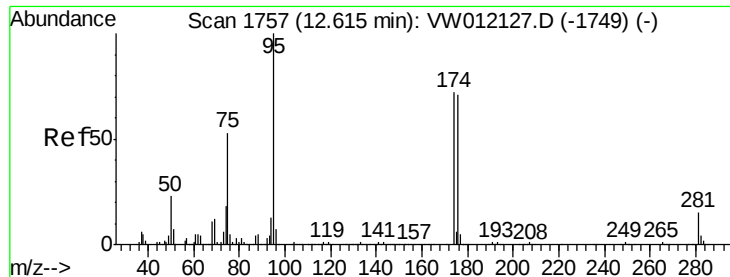
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.7	124.1
192	20.7	16.2	24.2



#50
 Toluene-d8
 Concen: 50.180 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW012575.D
 Acq: 04 Sep 2019 04:49

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.4	78.6





#62

4-Bromofluorobenzene

Concen: 41.828 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012575.D

Acq: 04 Sep 2019 04:49

Instrument :

MSVOA_W

ClientSampleId :

T9-12-13-A4-(1.9)

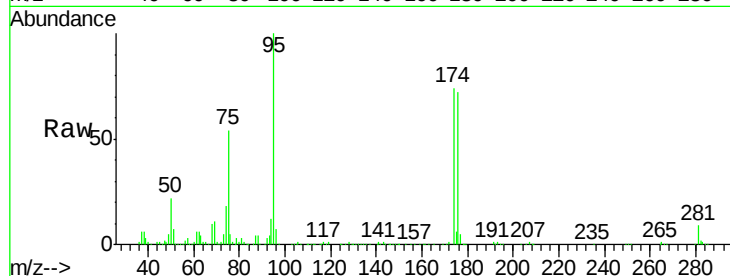
Tot Ion: 95 Resp: 134612

Ion Ratio Lower Upper

95 100

174 79.7 0.0 150.8

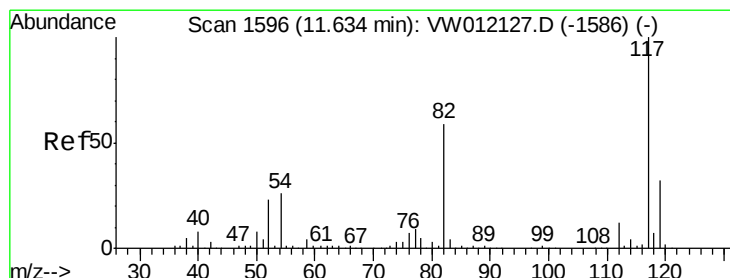
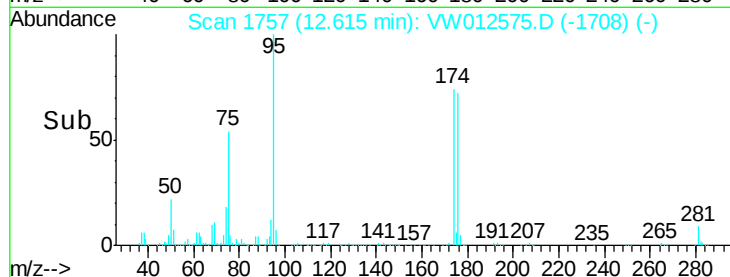
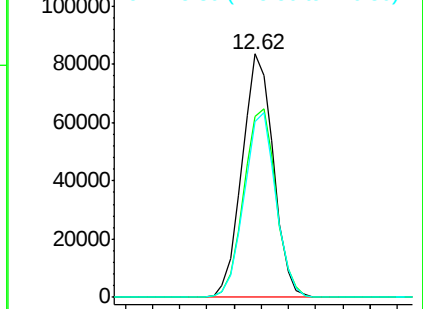
176 76.9 0.0 148.6



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# 1595

Delta R.T. -0.01 min

Lab File: VW012575.D

Acq: 04 Sep 2019 04:49

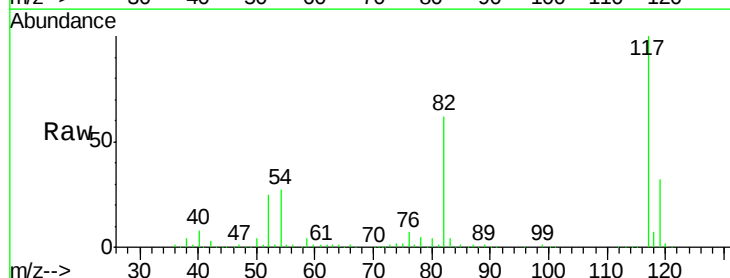
Tgt Ion: 117 Resp: 304123

Ion Ratio Lower Upper

117 100

82 62.3 47.4 71.2

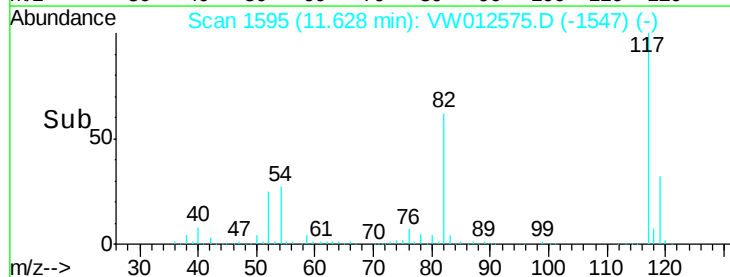
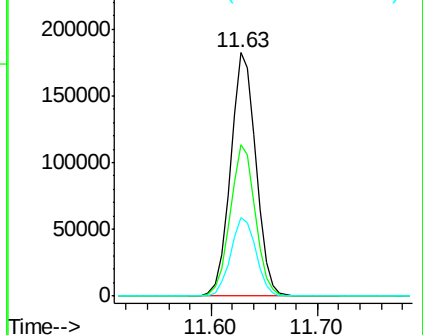
119 32.1 25.4 38.2

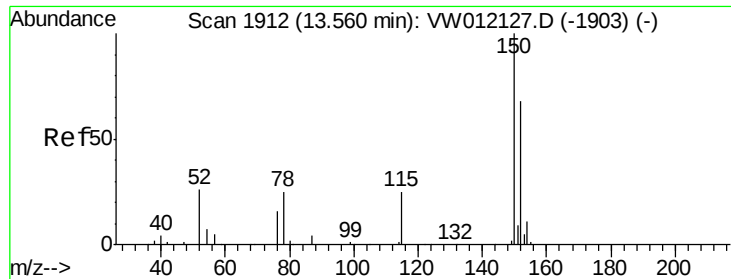


Abundance Ion 116.90 (116.60 to 117.60): VW

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: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW012575.D

Acq: 04 Sep 2019 04:49

Instrument :

MSVOA_W

ClientSampleId :

T9-12-13-A4-(1.9)

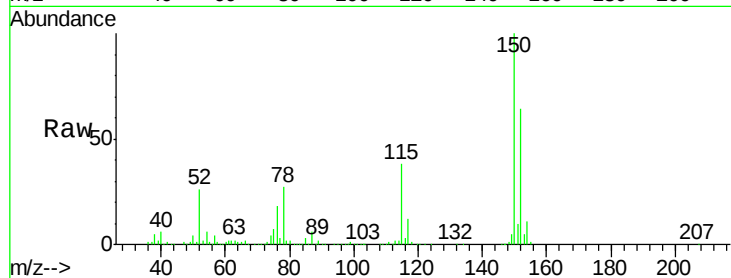
Tot Ion:152 Resp: 112505

Ion Ratio Lower Upper

152 100

115 59.9 30.1 90.3

150 155.8 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

