

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091019\
 Data File : VW012869.D
 Acq On : 10 Sep 2019 14:41
 Operator : SY/VA
 Sample : K4644-01
 Misc : 5.52G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T11-D2-(0)

Quant Time: Sep 10 17:57:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
 Quant Title : SW846 8260
 QLast Update : Sun Sep 08 05:04:40 2019
 Response via : Initial Calibration

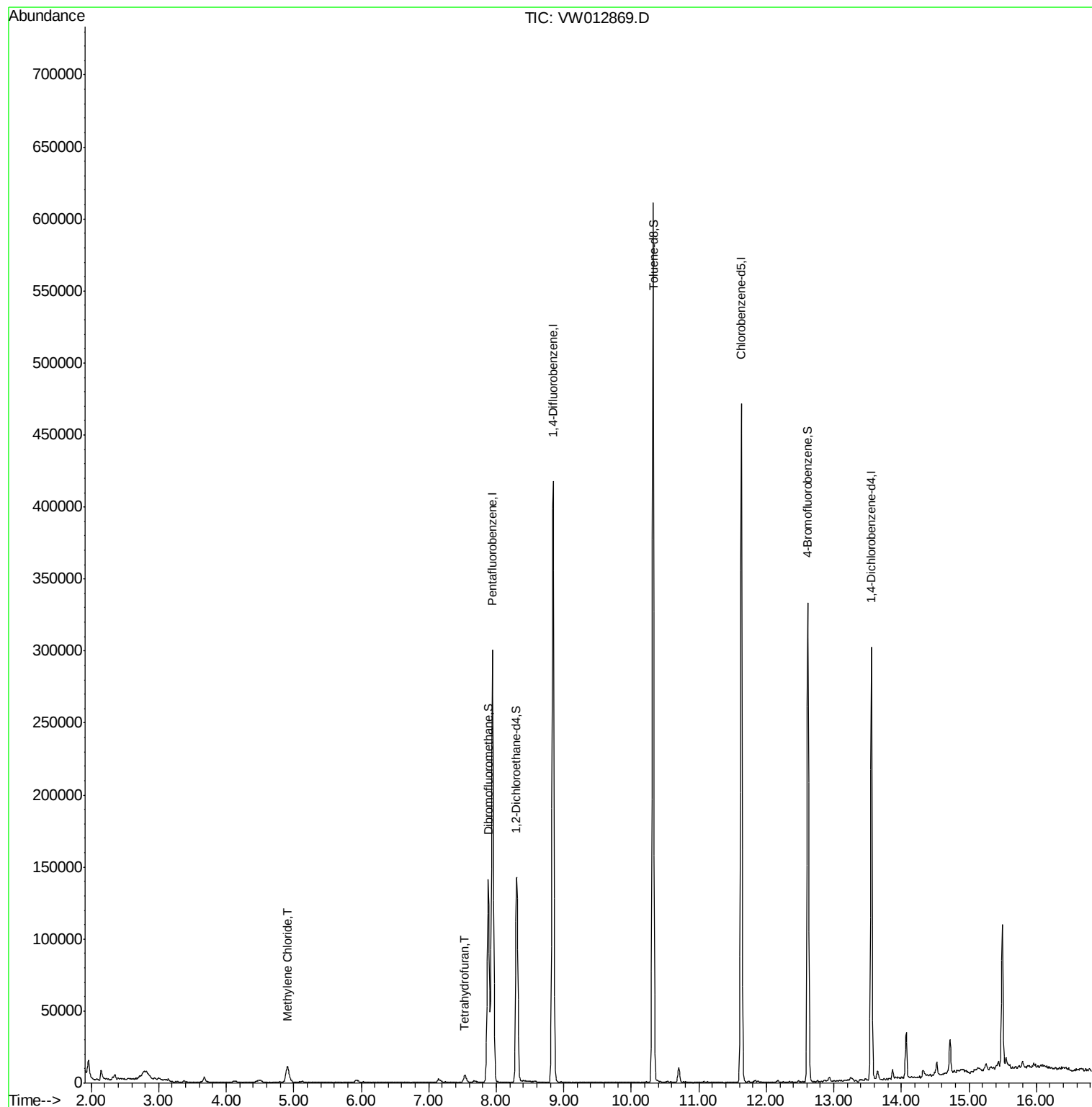
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	229971	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	347212	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	256175	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	79910	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	119146	46.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.74%	
35) Dibromofluoromethane	7.88	113	101445	49.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.28%	
50) Toluene-d8	10.32	98	396035	48.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.94%	
62) 4-Bromofluorobenzene	12.62	95	103100	35.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.24%	
Target Compounds						
20) Methylene Chloride	4.91	84	8376	3.822	ug/l	95
29) Tetrahydrofuran	7.52	42	4290	7.584	ug/l	92

(#) = 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: VW012869.D

Acq: 10 Sep 2019 14:41

Instrument :

MSVOA_W

ClientSampleId :

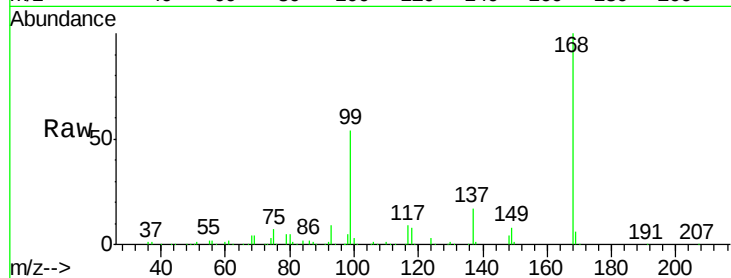
T11-D2-(0)

Tot Ion:168 Resp: 229971

Ion Ratio Lower Upper

168 100

99 54.1 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

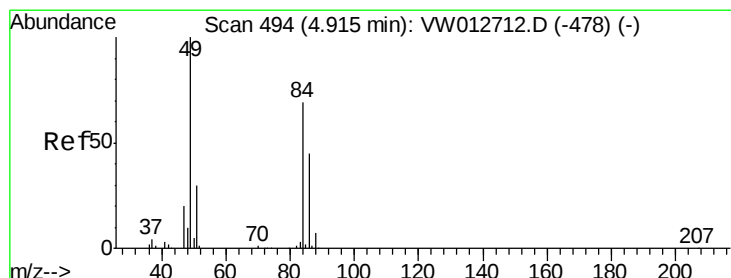
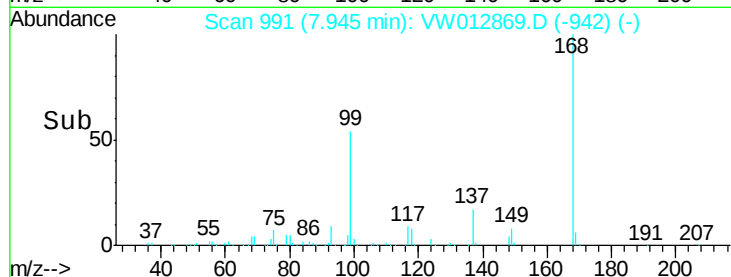
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#20

Methylene Chloride

Concen: 3.822 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW012869.D

Acq: 10 Sep 2019 14:41

Tgt Ion: 84 Resp: 8376

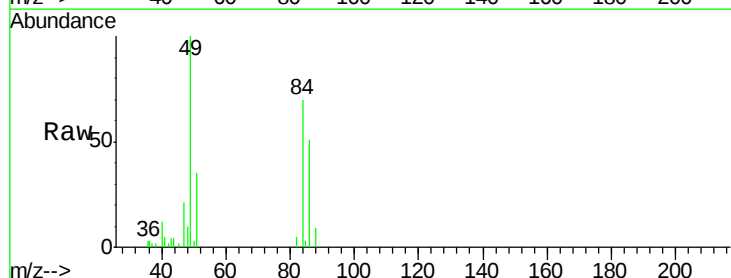
Ion Ratio Lower Upper

84 100

49 143.2 115.4 173.0

51 49.7 34.9 52.3

86 73.3 52.2 78.4



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

5000

4000

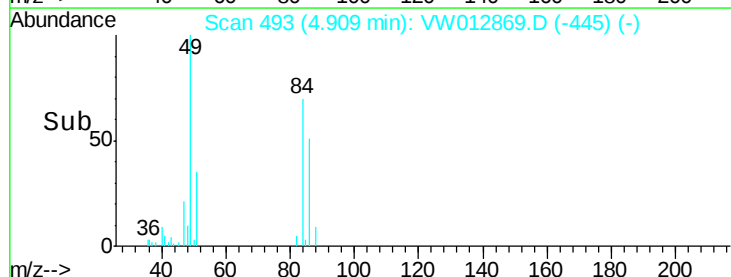
3000

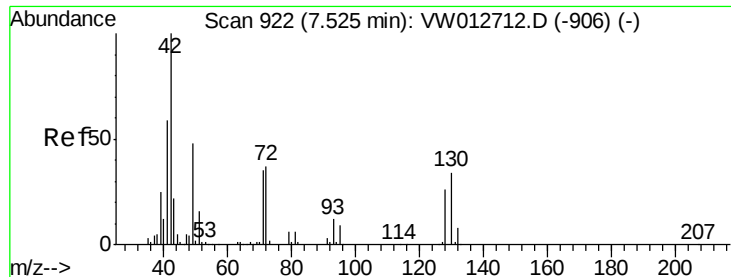
2000

1000

0

Time--> 4.80 4.90 5.00

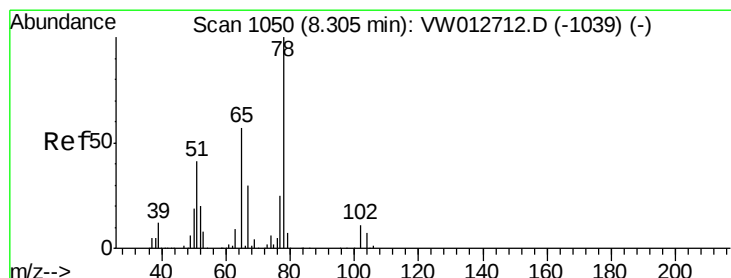
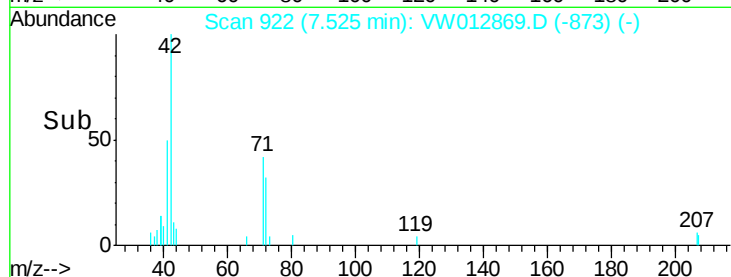
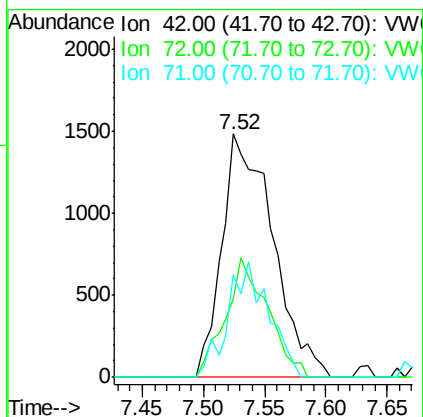
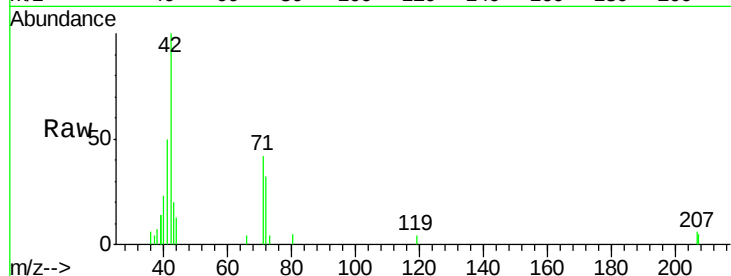




#29
Tetrahydrofuran
Concen: 7.584 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.00 min
Lab File: VW012869.D
Acq: 10 Sep 2019 14:41

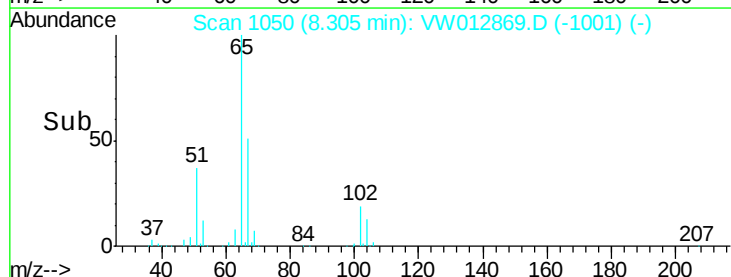
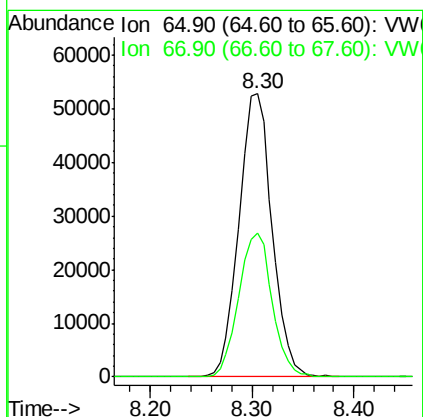
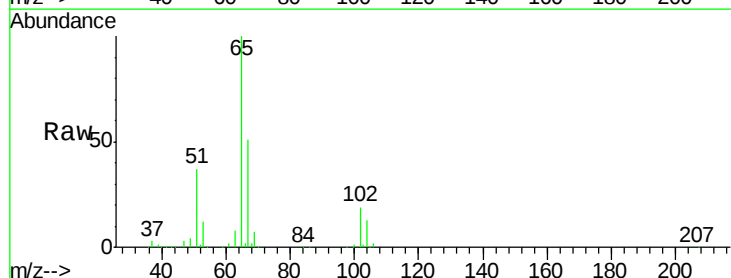
Instrument :
MSVOA_W
ClientSampled :
T11-D2-(0)

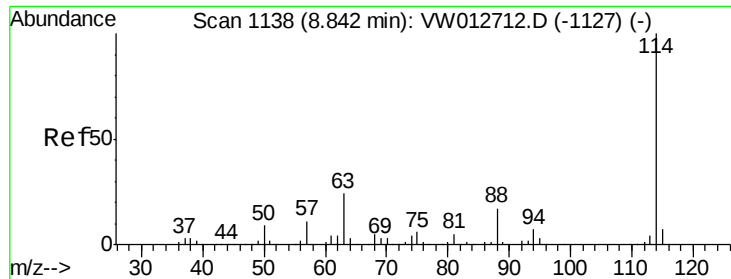
Tot Ion	Ratio	Lower	Upper
42	100		
72	40.6	28.4	42.6
71	37.9	27.1	40.7



#33
1,2-Dichloroethane-d4
Concen: 46.369 ug/l
RT: 8.30 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW012869.D
Acq: 10 Sep 2019 14:41

Tgt Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	101.8

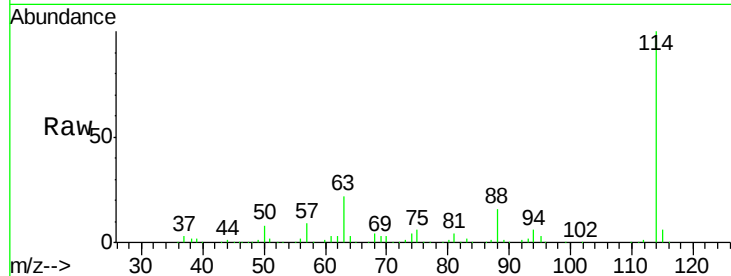




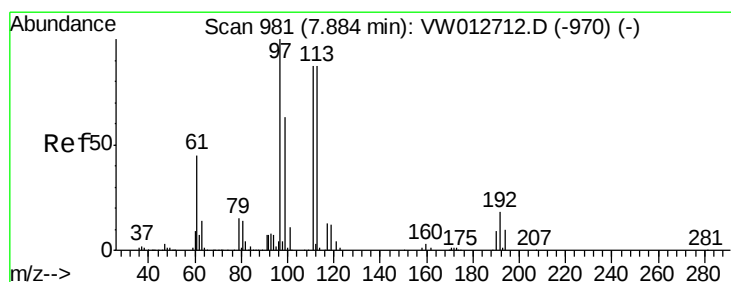
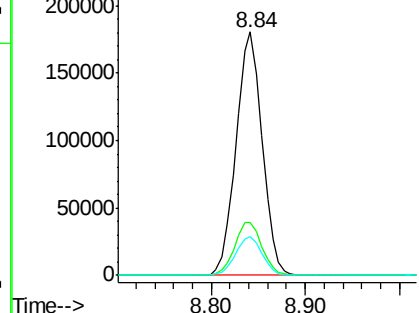
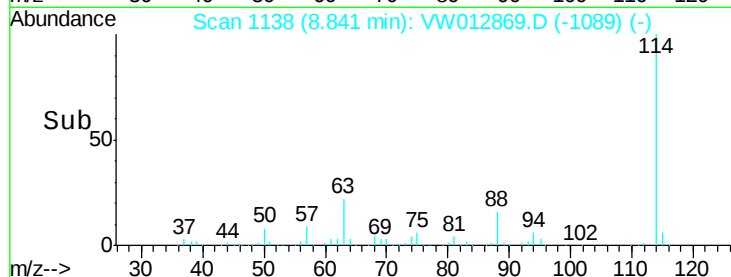
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012869.D
 Acq: 10 Sep 2019 14:41

Instrument :
 MSVOA_W
 ClientSampleId :
 T11-D2-(0)

Tot Ion:114 Resp: 347212
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 47.2
 88 16.0 0.0 34.0

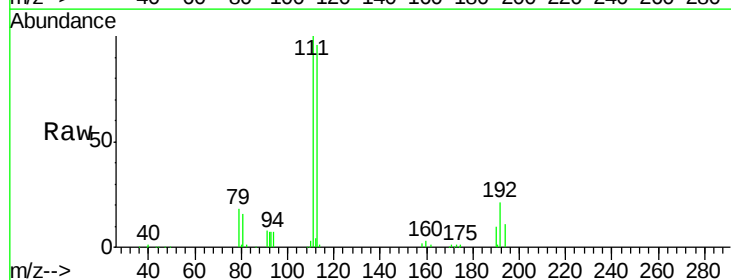


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

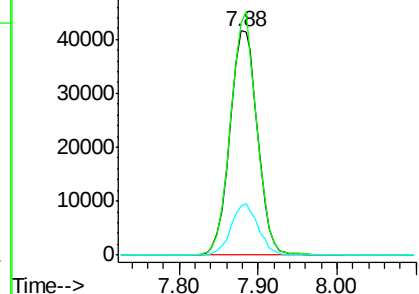
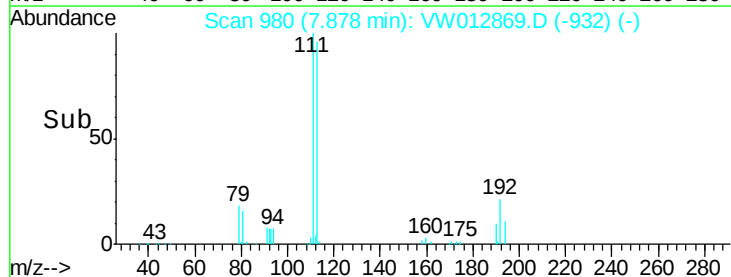


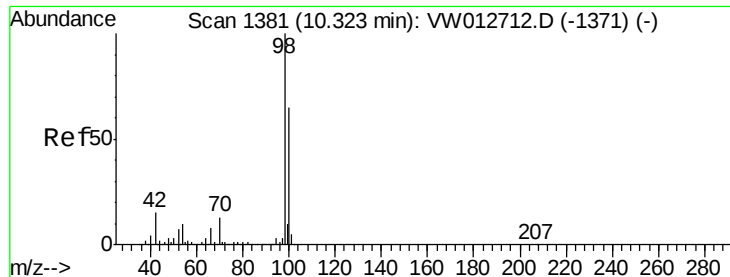
#35
 Dibromofluoromethane
 Concen: 49.143 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012869.D
 Acq: 10 Sep 2019 14:41

Tgt Ion:113 Resp: 101445
 Ion Ratio Lower Upper
 113 100
 111 101.8 80.2 120.4
 192 22.2 17.3 25.9



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.970 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012869.D

Acq: 10 Sep 2019 14:41

Instrument :

MSVOA_W

ClientSampleId :

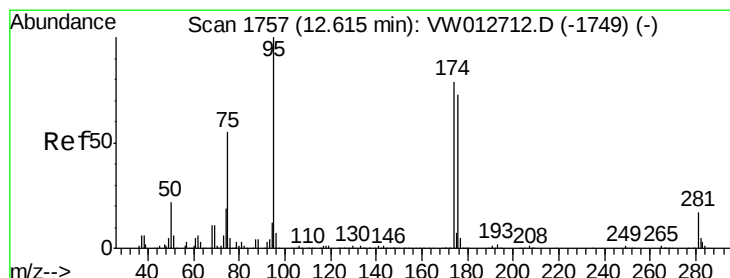
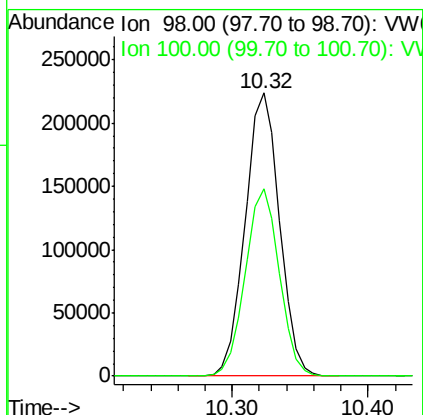
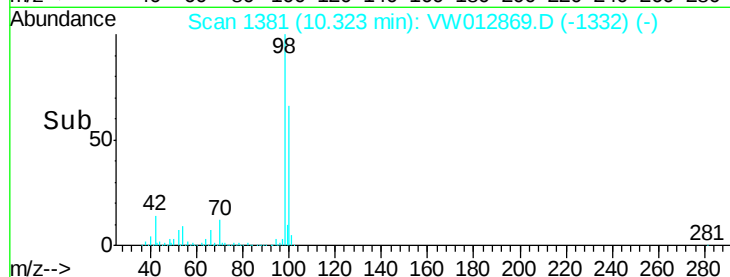
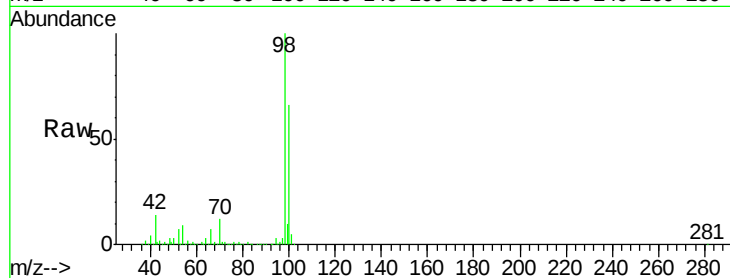
T11-D2-(0)

Tot Ion: 98 Resp: 396035

Ion Ratio Lower Upper

98 100

100 65.5 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 35.116 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012869.D

Acq: 10 Sep 2019 14:41

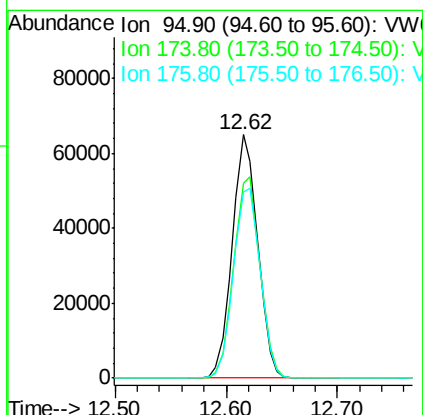
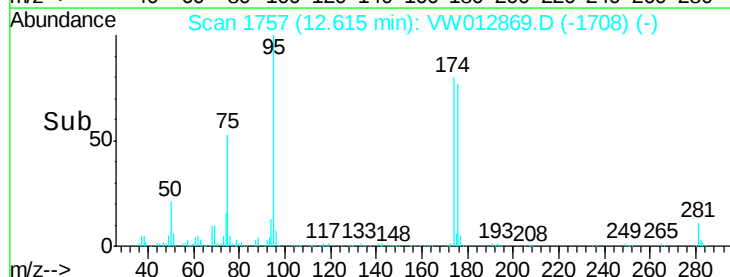
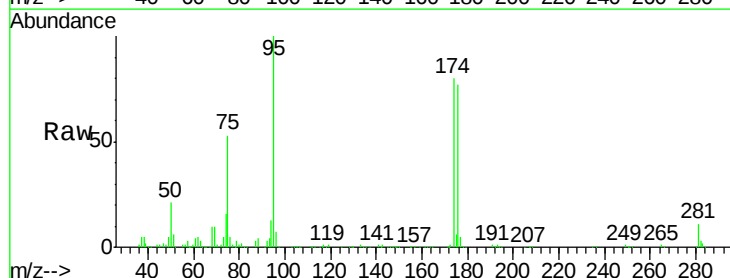
Tgt Ion: 95 Resp: 103100

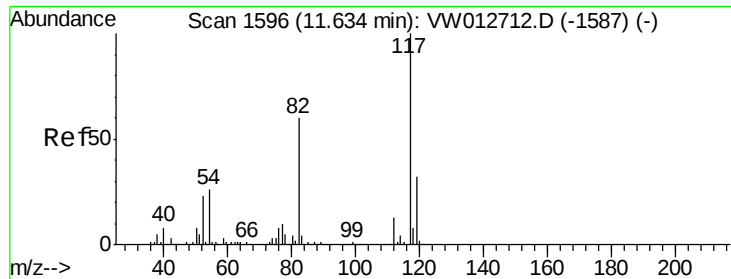
Ion Ratio Lower Upper

95 100

174 85.2 0.0 161.0

176 82.3 0.0 156.4

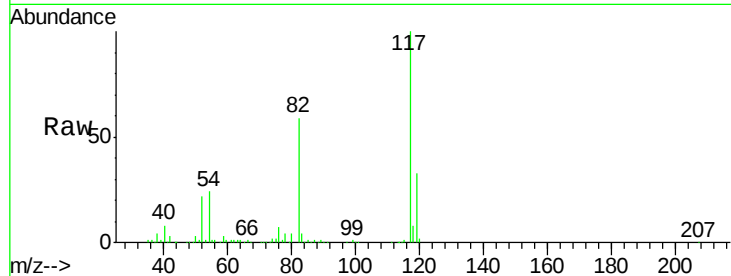




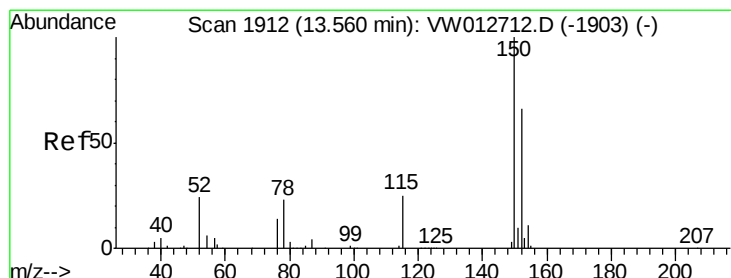
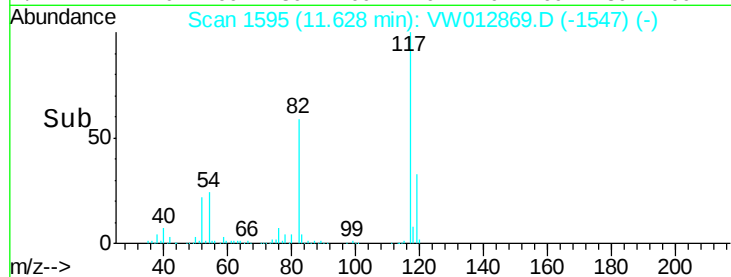
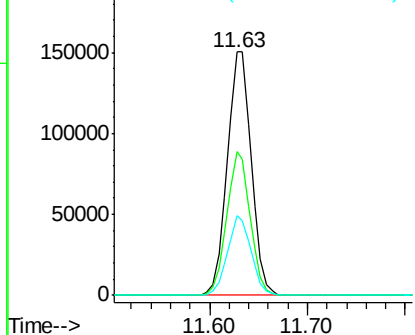
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012869.D
Acq: 10 Sep 2019 14:41

Instrument :
MSVOA_W
ClientSampleId :
T11-D2-(0)

Tot Ion:117 Resp: 256175
Ion Ratio Lower Upper
117 100
82 58.8 48.2 72.4
119 32.8 25.8 38.6

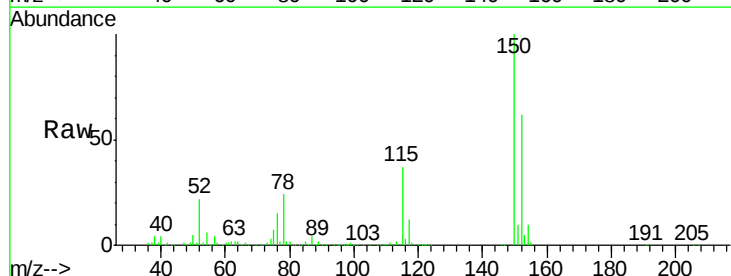


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012869.D
Acq: 10 Sep 2019 14:41

Tgt Ion:152 Resp: 79910
Ion Ratio Lower Upper
152 100
115 57.9 30.0 90.1
150 159.8 0.0 349.0



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

