

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091619\
 Data File : VW013041.D
 Acq On : 16 Sep 2019 15:07
 Operator : SY/VA
 Sample : K4857-05RE
 Misc : 5.09G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SP-1RE

Quant Time: Sep 16 15:44:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 13 17:26:01 2019
 Response via : Initial Calibration

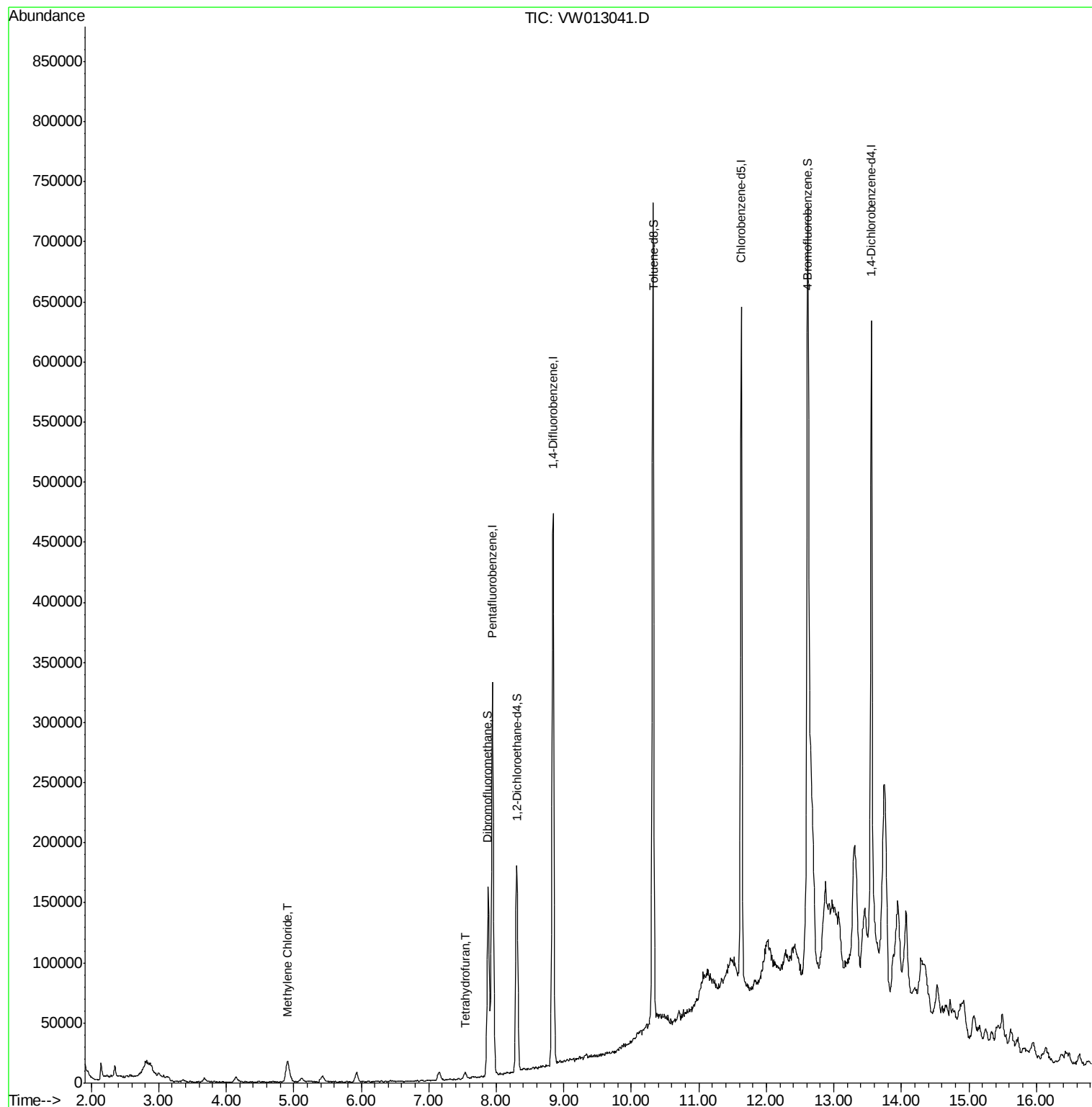
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	249994	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	379174	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	311847	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	129191	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	142065	61.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.06%	
35) Dibromofluoromethane	7.88	113	112455	54.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.32%	
50) Toluene-d8	10.32	98	445220	55.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.60%	
62) 4-Bromofluorobenzene	12.62	95	181097	62.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	125.12%	
Target Compounds						
20) Methylene Chloride	4.91	84	14499	2.886	ug/l	89
29) Tetrahydrofuran	7.54	42	4769	11.400	ug/l #	84

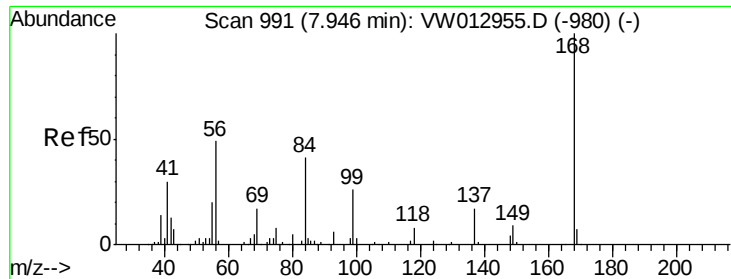
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091619\
Data File : VW013041.D
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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: VW013041.D

Acq: 16 Sep 2019 15:07

Instrument :

MSVOA_W

ClientSampleId :

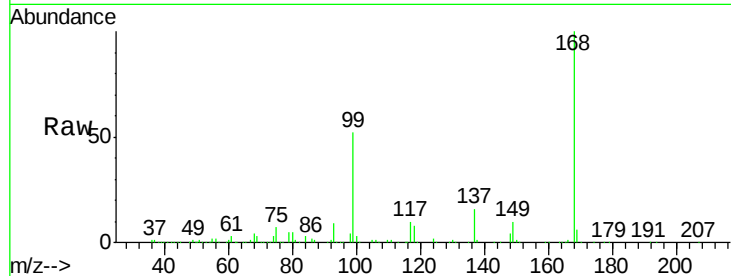
SP-1RE

Tot Ion:168 Resp: 249994

Ion Ratio Lower Upper

168 100

99 52.4 46.2 69.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

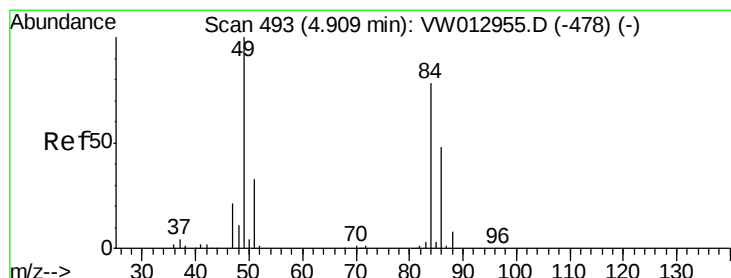
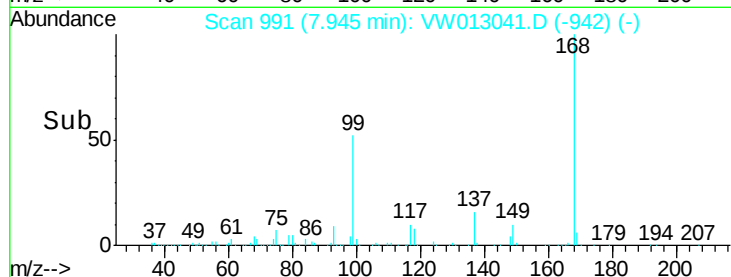
100000

50000

0

Time-->

7.90 8.00



#20

Methylene Chloride

Concen: 2.886 ug/l

RT: 4.91 min Scan# 493

Delta R.T. 0.00 min

Lab File: VW013041.D

Acq: 16 Sep 2019 15:07

Tgt Ion: 84 Resp: 14499

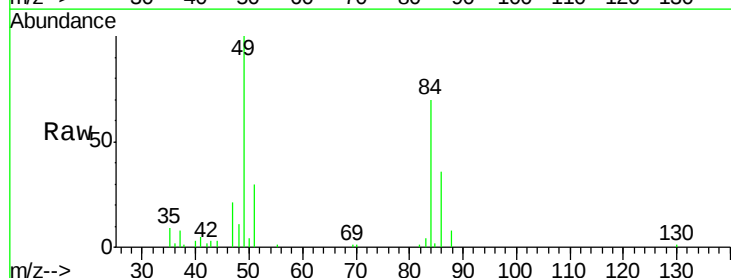
Ion Ratio Lower Upper

84 100

49 143.9 102.0 153.0

51 42.8 34.0 51.0

86 51.3 48.5 72.7



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

4.91

8000

6000

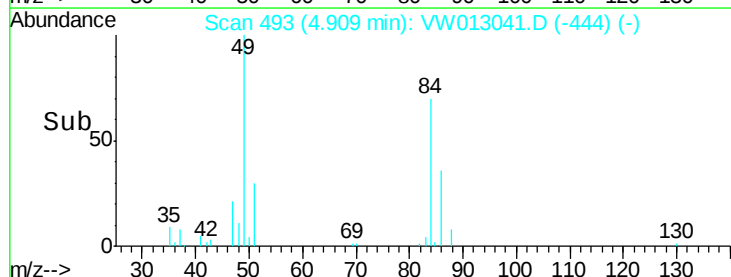
4000

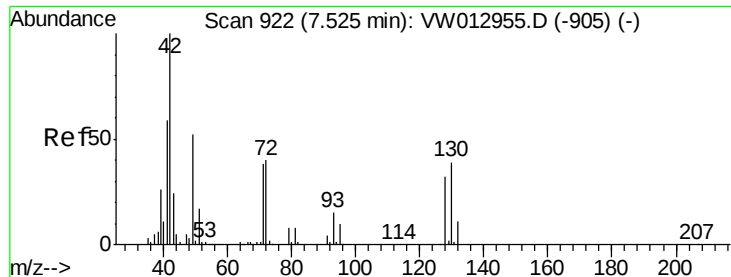
2000

0

Time-->

4.80 4.90 5.00

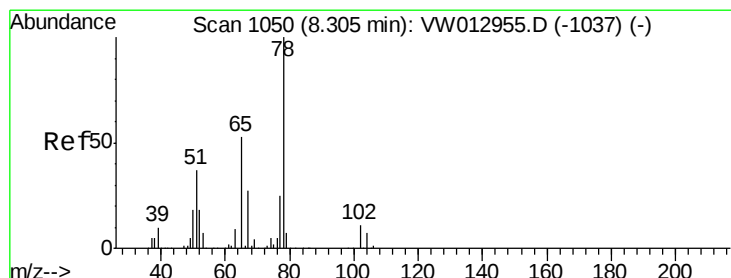
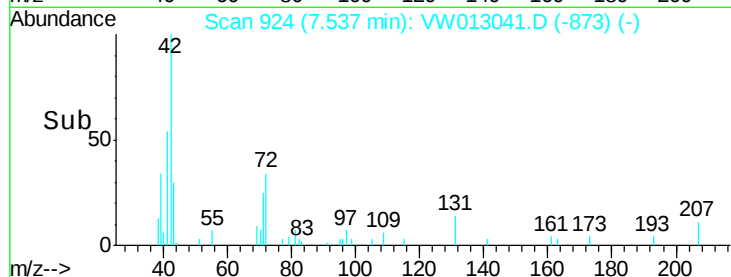
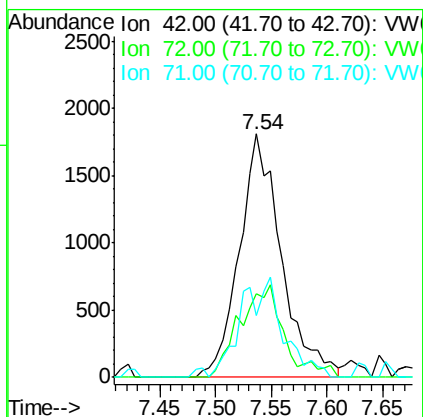
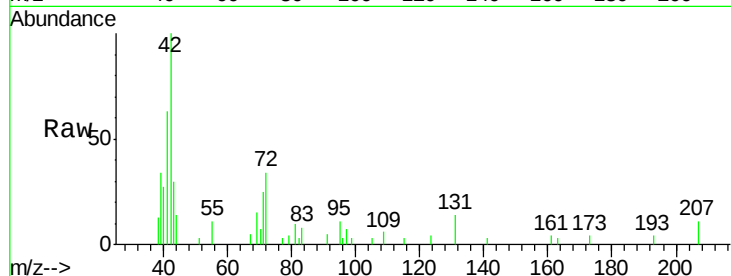




#29
Tetrahydrofuran
Concen: 11.400 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW013041.D
Acq: 16 Sep 2019 15:07

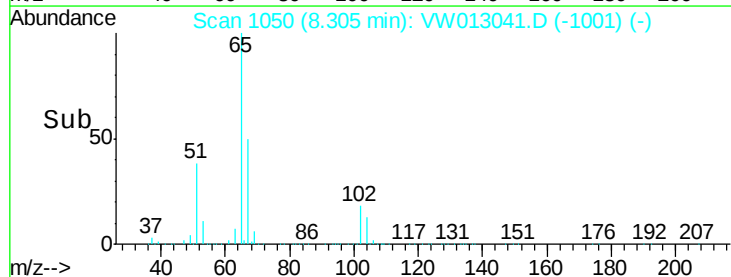
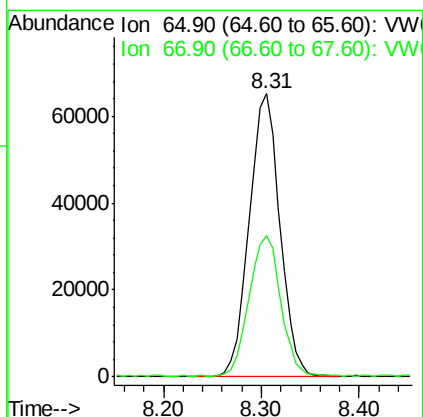
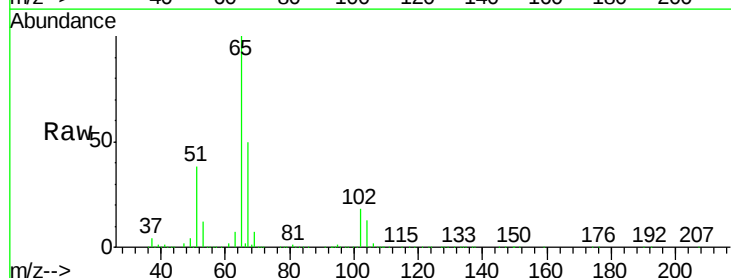
Instrument :
MSVOA_W
ClientSampleId :
SP-1RE

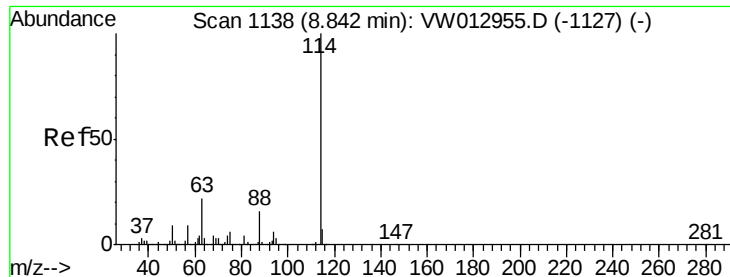
Tot Ion: 42 Resp: 4769
Ion Ratio Lower Upper
42 100
72 40.1 31.4 47.0
71 18.8 29.8 44.8#



#33
1,2-Dichloroethane-d4
Concen: 61.530 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW013041.D
Acq: 16 Sep 2019 15:07

Tgt Ion: 65 Resp: 142065
Ion Ratio Lower Upper
65 100
67 51.0 0.0 101.2

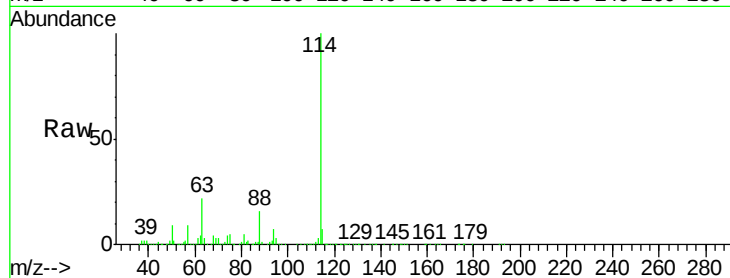




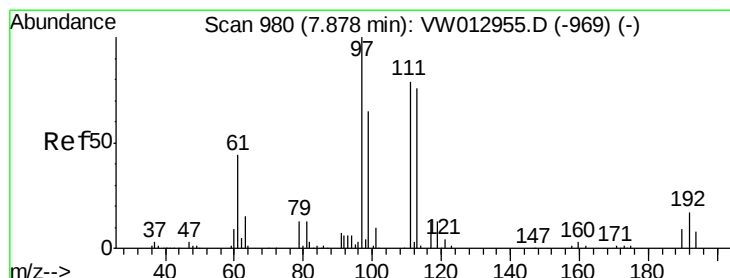
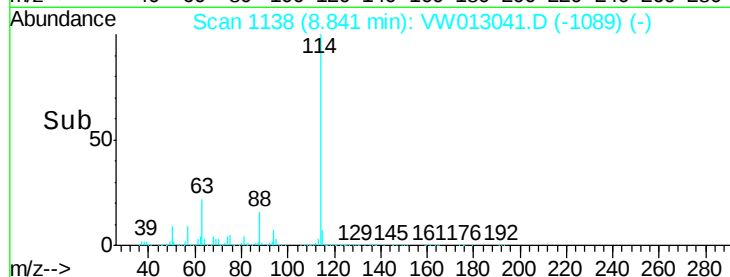
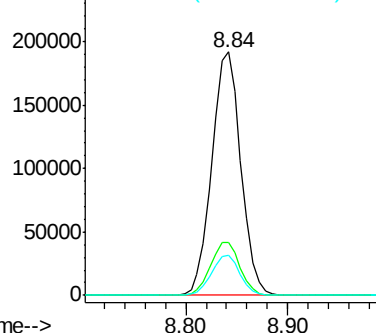
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW013041.D
Acq: 16 Sep 2019 15:07

Instrument :
MSVOA_W
ClientSampled :
SP-1RE

Tot Ion:114 Resp: 379174
Ion Ratio Lower Upper
114 100
63 21.8 0.0 43.4
88 16.2 0.0 31.6

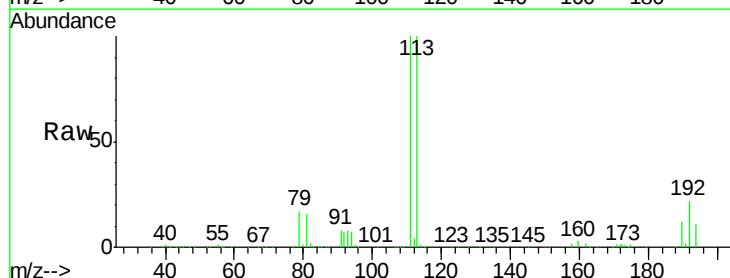


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VV
Ion 87.90 (87.60 to 88.60): VV

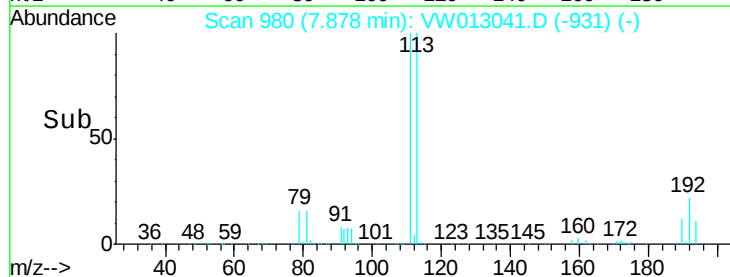
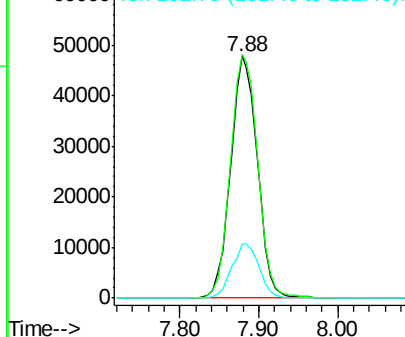


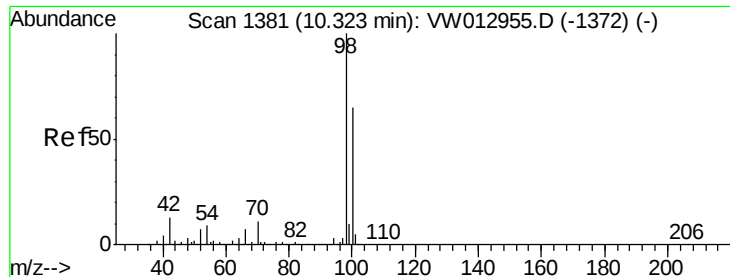
#35
Dibromofluoromethane
Concen: 54.658 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW013041.D
Acq: 16 Sep 2019 15:07

Tgt Ion:113 Resp: 112455
Ion Ratio Lower Upper
113 100
111 102.8 82.8 124.2
192 22.8 17.8 26.8



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: 55.300 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013041.D

Acq: 16 Sep 2019 15:07

Instrument :

MSVOA_W

ClientSampled :

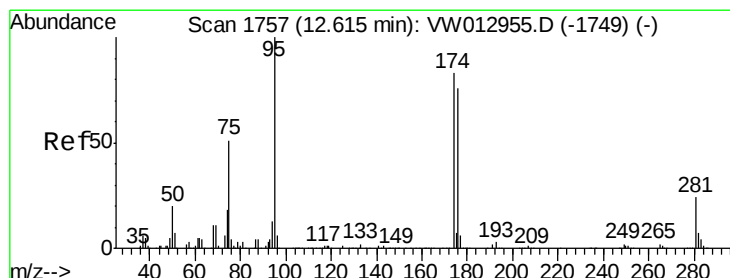
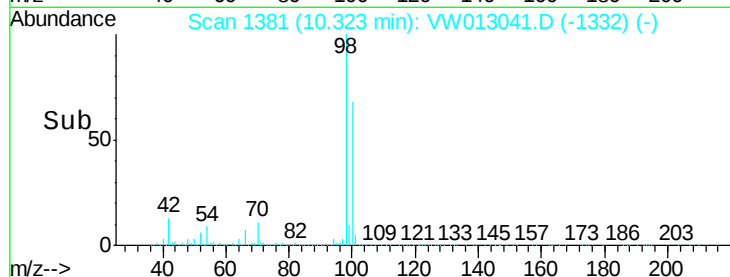
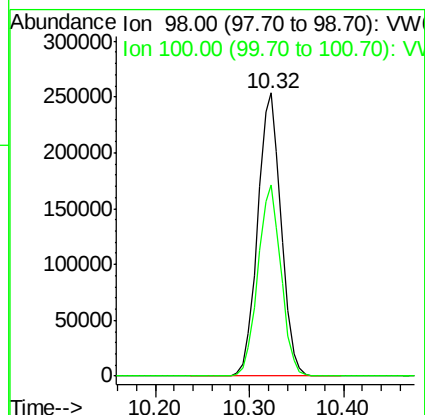
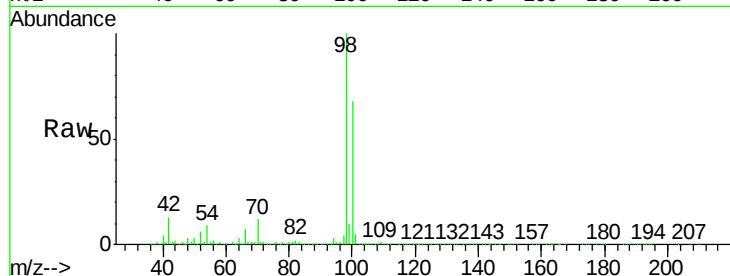
SP-1RE

Tot Ion: 98 Resp: 445220

Ion Ratio Lower Upper

98 100

100 66.7 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 62.556 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013041.D

Acq: 16 Sep 2019 15:07

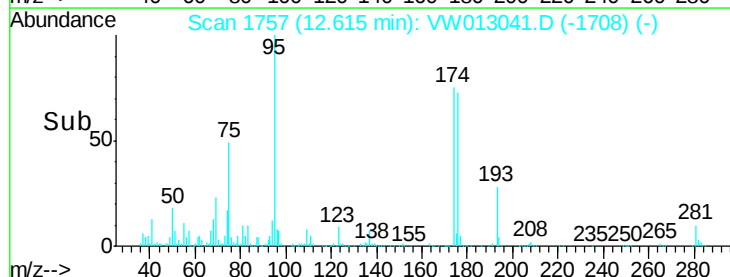
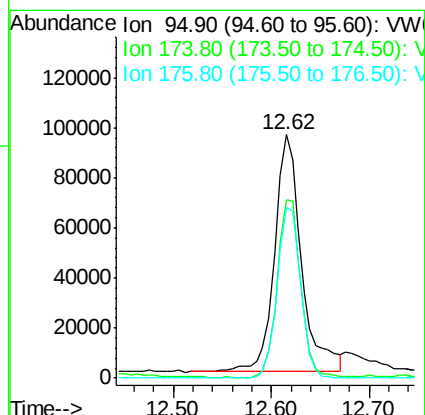
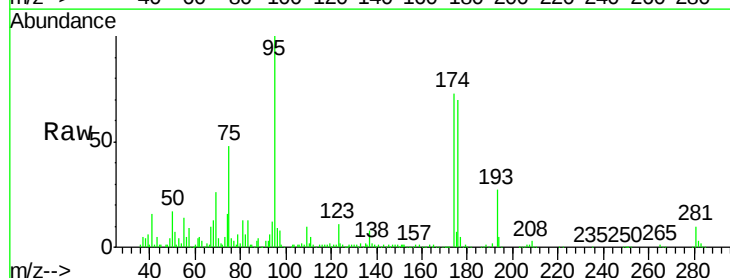
Tgt Ion: 95 Resp: 181097

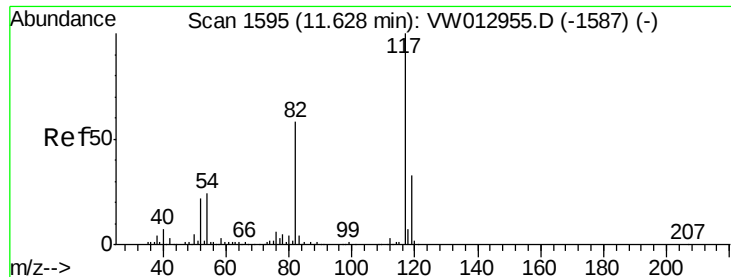
Ion Ratio Lower Upper

95 100

174 65.9 0.0 170.4

176 63.1 0.0 164.6

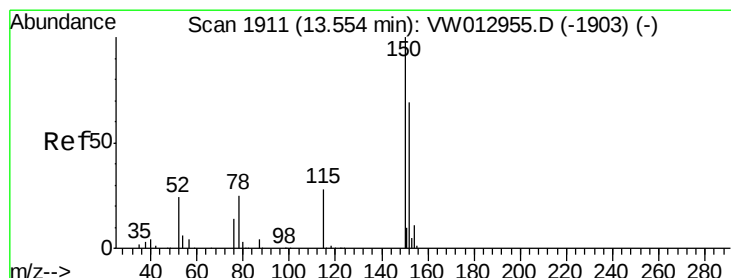
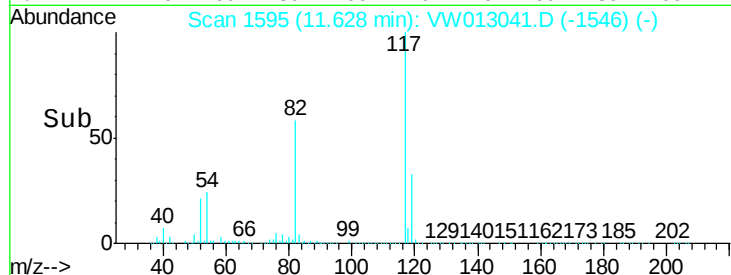
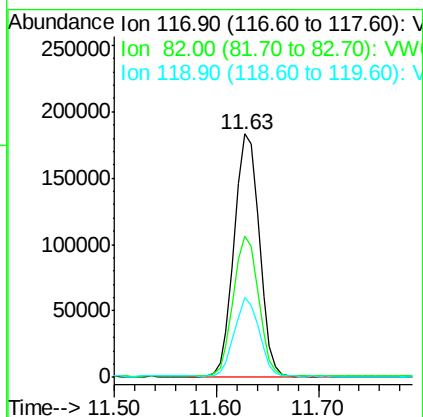
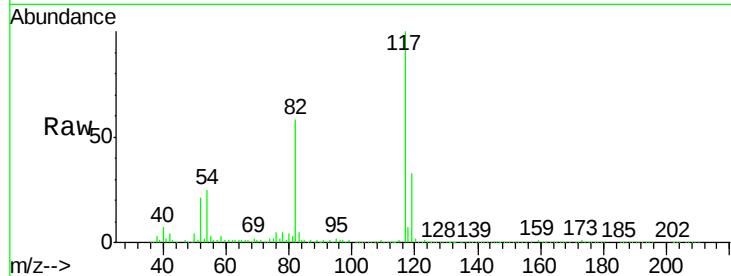




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013041.D
Acq: 16 Sep 2019 15:07

Instrument :
MSVOA_W
ClientSampleId :
SP-1RE

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.6	46.3	69.5
119	32.6	26.2	39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.01 min
Lab File: VW013041.D
Acq: 16 Sep 2019 15:07

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.2	28.8	86.4
150	155.4	0.0	340.2

