

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091619\
 Data File : VW013043.D
 Acq On : 16 Sep 2019 15:58
 Operator : SY/VA
 Sample : K4764-02
 Misc : 5.45G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ROLL-OFF-VOC-2

Quant Time: Sep 17 07:38:06 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

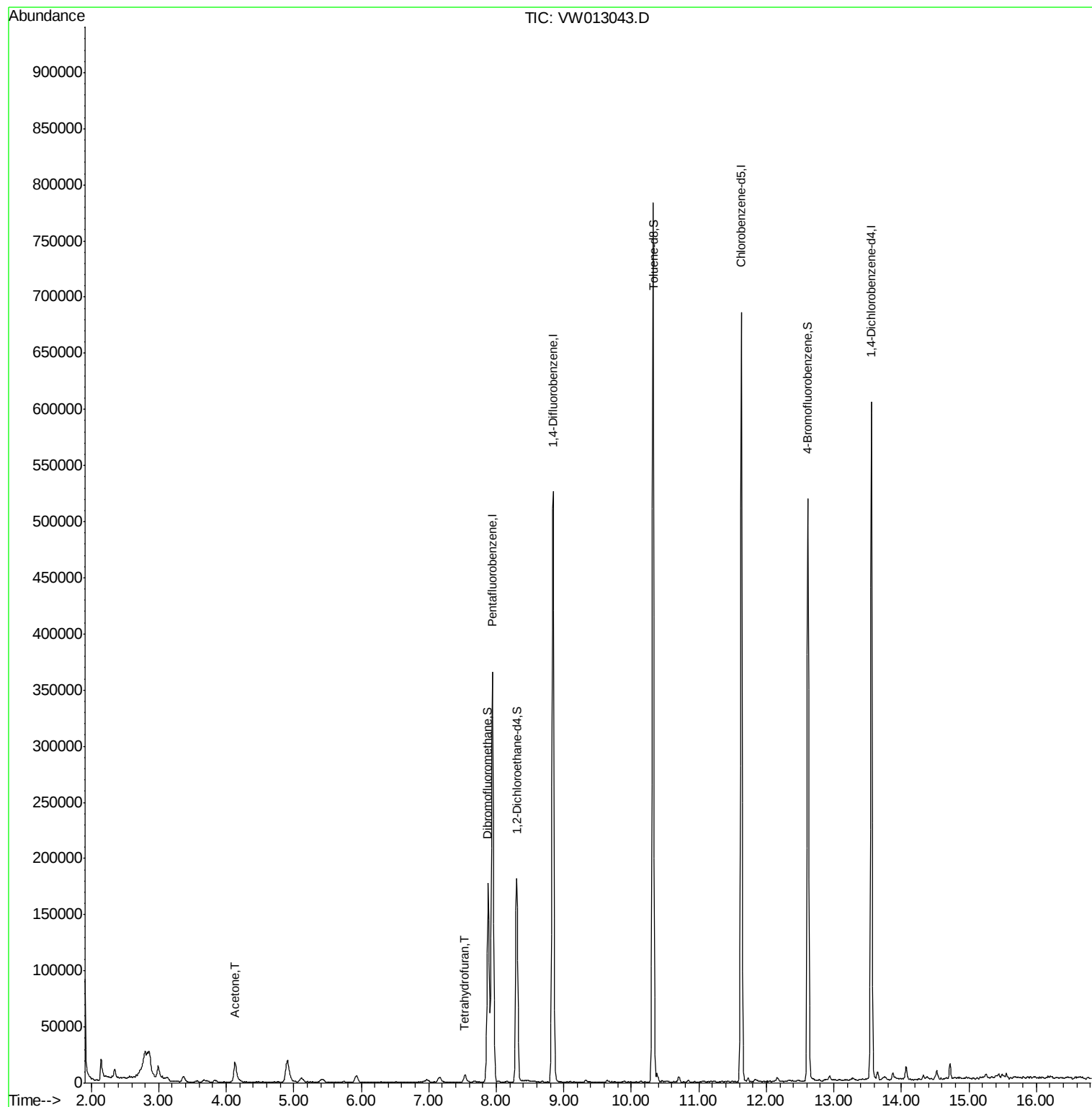
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	289021	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	436877	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	373037	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	164575	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	148141	55.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.00%	
35) Dibromofluoromethane	7.88	113	125795	53.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.14%	
50) Toluene-d8	10.32	98	518055	55.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.70%	
62) 4-Bromofluorobenzene	12.62	95	168389	50.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.96%	
Target Compounds						
16) Acetone	4.12	43	34775	43.925	ug/l	91
29) Tetrahydrofuran	7.54	42	6180	12.779	ug/l	97

(#) = 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: VW013043.D

Acq: 16 Sep 2019 15:58

Instrument :

MSVOA_W

ClientSampleId :

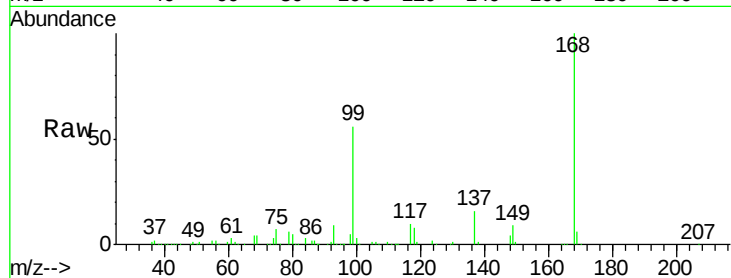
ROLL-OFF-VOC-2

Tot Ion:168 Resp: 289021

Ion Ratio Lower Upper

168 100

99 56.3 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

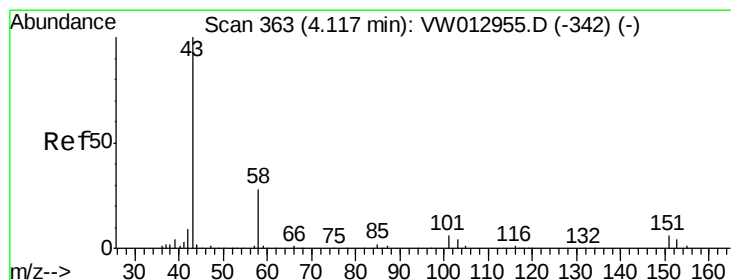
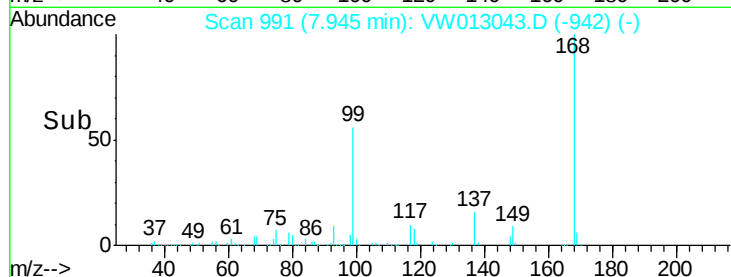
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 43.925 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW013043.D

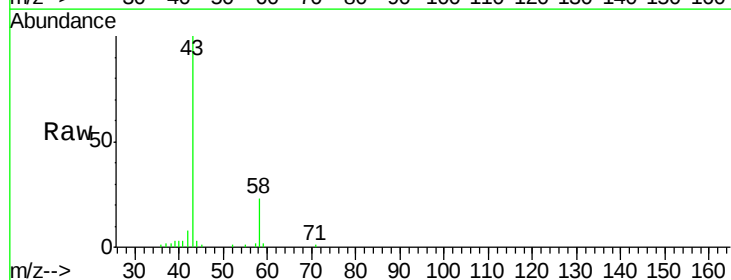
Acq: 16 Sep 2019 15:58

Tgt Ion: 43 Resp: 34775

Ion Ratio Lower Upper

43 100

58 23.0 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

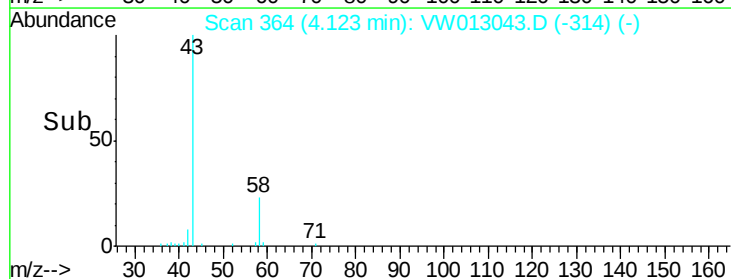
4.12

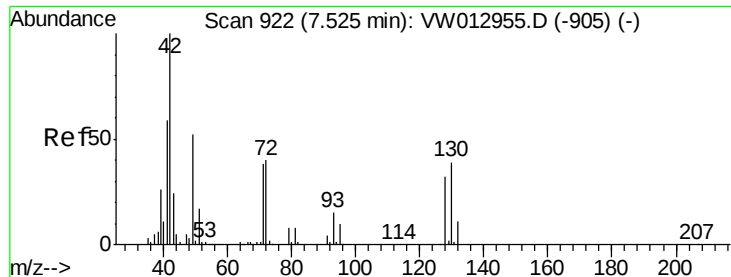
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5000

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Time-->

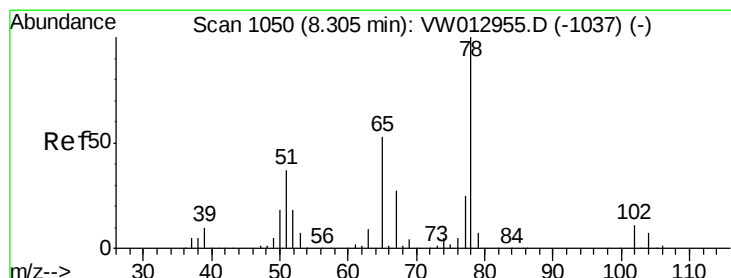
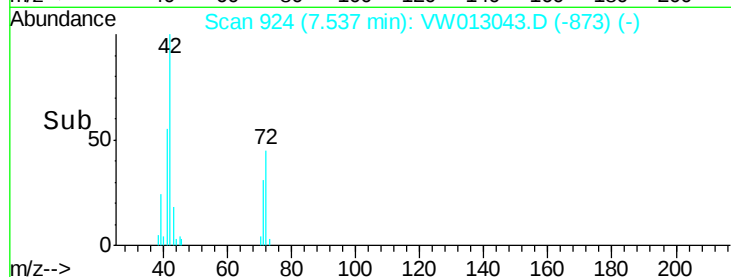
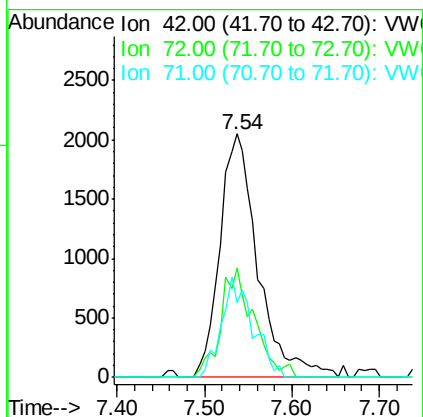
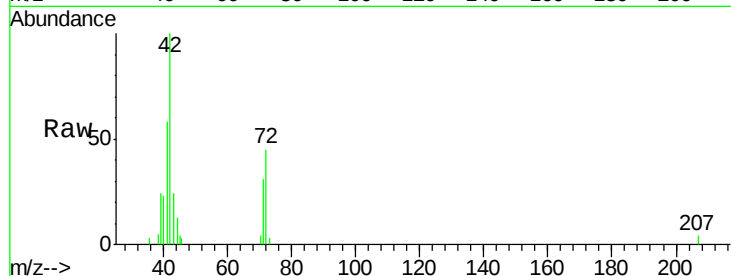




#29
Tetrahydrofuran
Concen: 12.779 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW013043.D
Acq: 16 Sep 2019 15:58

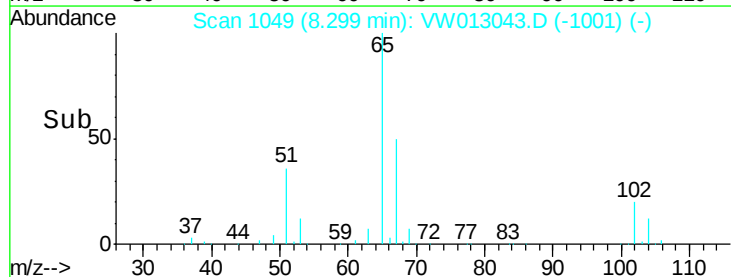
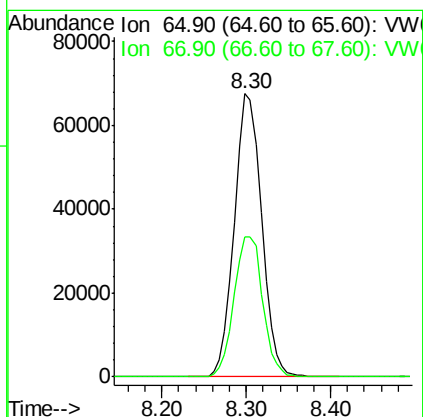
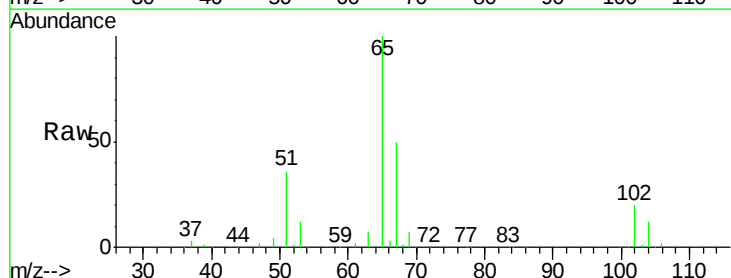
Instrument :
MSVOA_W
ClientSampleId :
ROLL-OFF-VOC-2

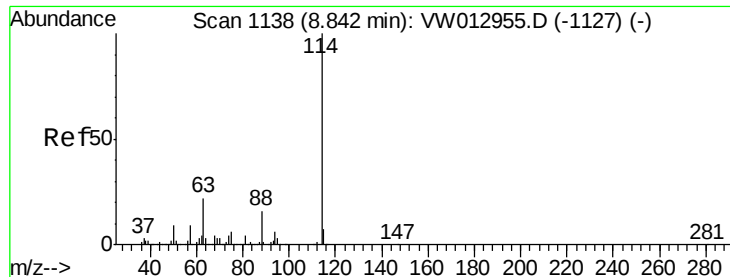
Tot Ion: 42 Resp: 6180
Ion Ratio Lower Upper
42 100
72 38.9 31.4 47.0
71 33.6 29.8 44.8



#33
1,2-Dichloroethane-d4
Concen: 55.498 ug/l
RT: 8.30 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VW013043.D
Acq: 16 Sep 2019 15:58

Tgt Ion: 65 Resp: 148141
Ion Ratio Lower Upper
65 100
67 51.7 0.0 101.2

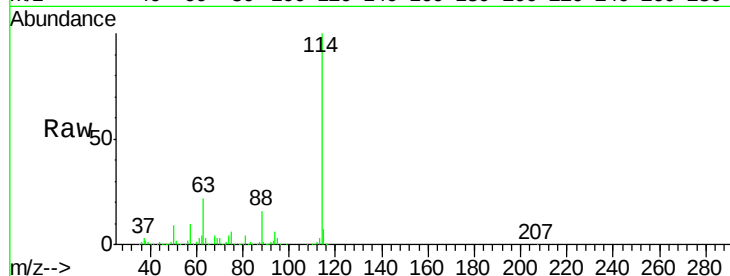




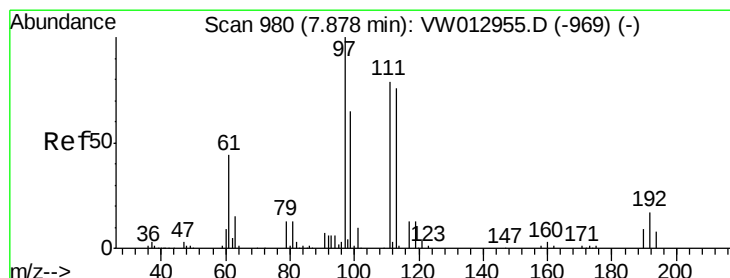
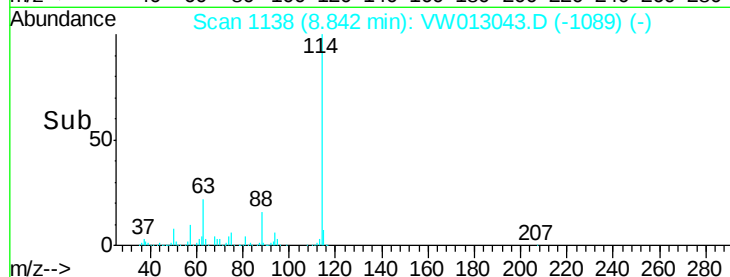
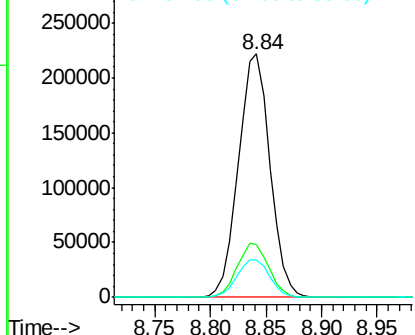
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW013043.D
Acq: 16 Sep 2019 15:58

Instrument :
MSVOA_W
ClientSampleId :
ROLL-OFF-VOC-2

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	43.4
88	15.5	0.0	31.6

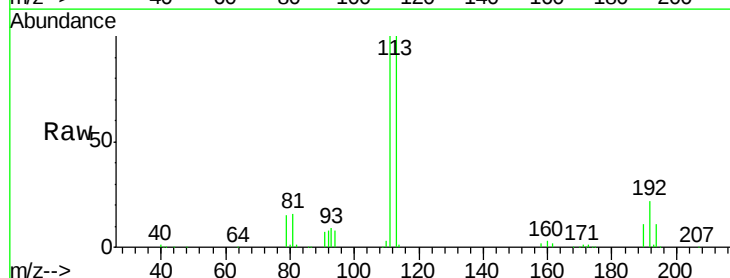


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

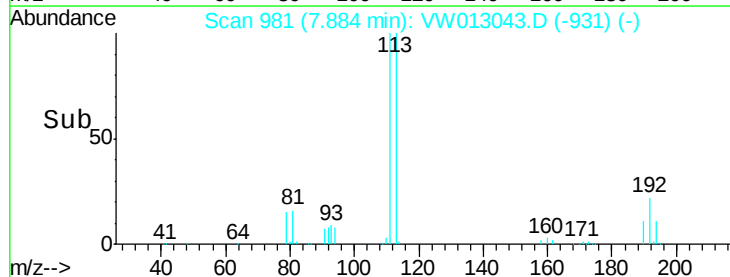
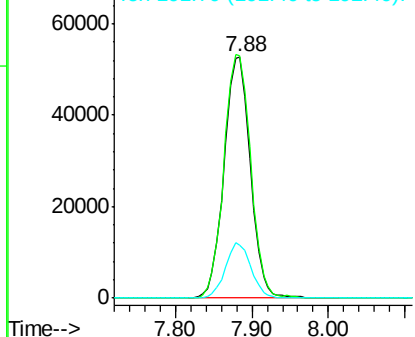


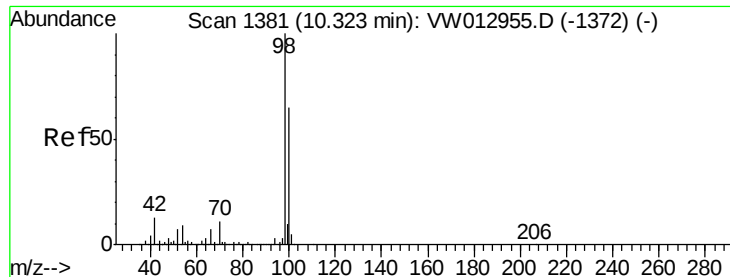
#35
Dibromofluoromethane
Concen: 53.066 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.01 min
Lab File: VW013043.D
Acq: 16 Sep 2019 15:58

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.8	124.2
192	22.4	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: 55.848 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013043.D

Acq: 16 Sep 2019 15:58

Instrument :

MSVOA_W

ClientSampleId :

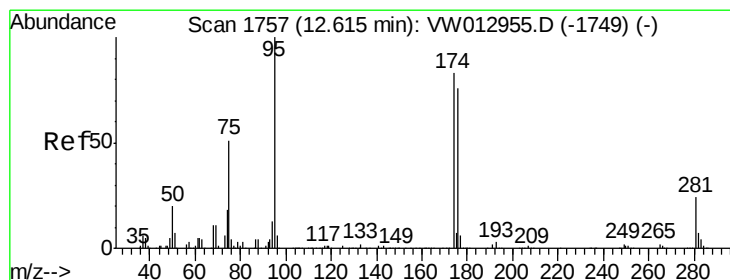
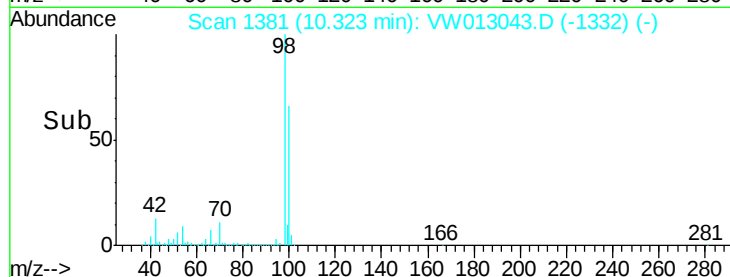
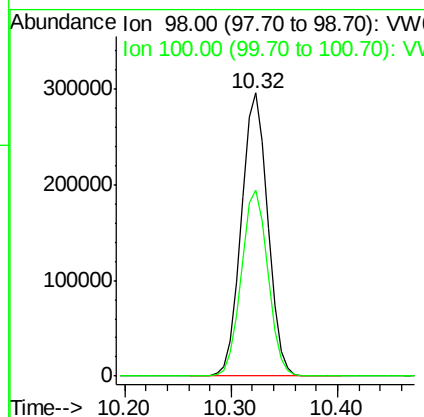
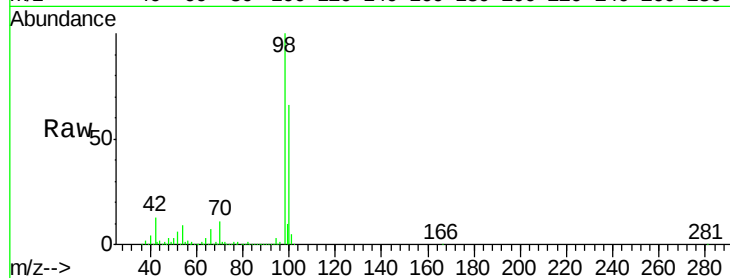
ROLL-OFF-VOC-2

Tot Ion: 98 Resp: 518055

Ion Ratio Lower Upper

98 100

100 65.8 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 50.484 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013043.D

Acq: 16 Sep 2019 15:58

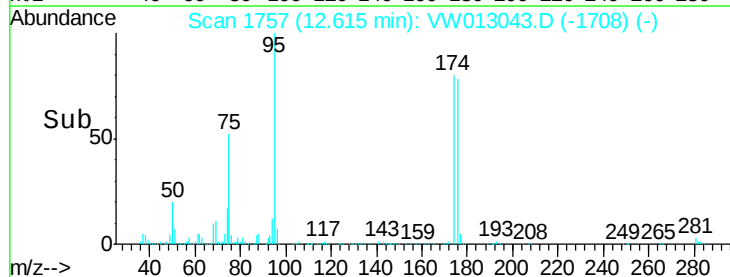
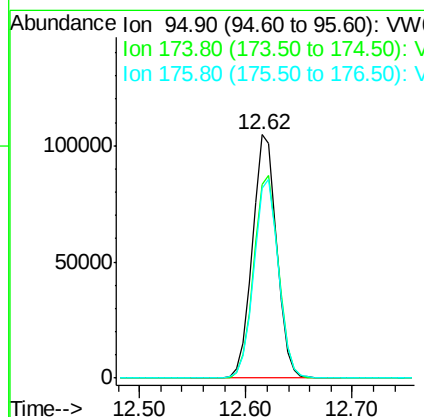
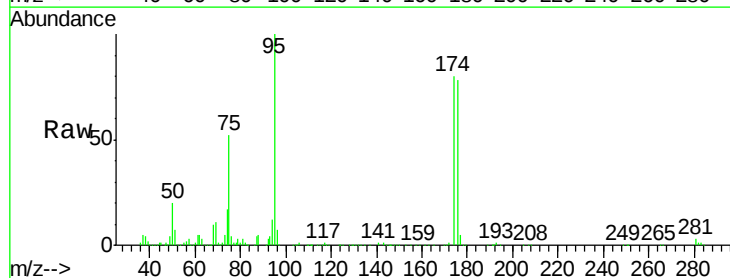
Tgt Ion: 95 Resp: 168389

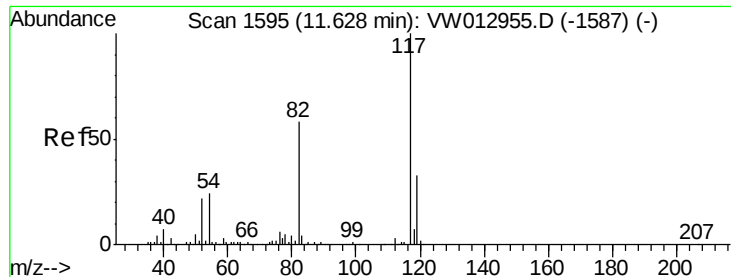
Ion Ratio Lower Upper

95 100

174 84.5 0.0 170.4

176 82.3 0.0 164.6

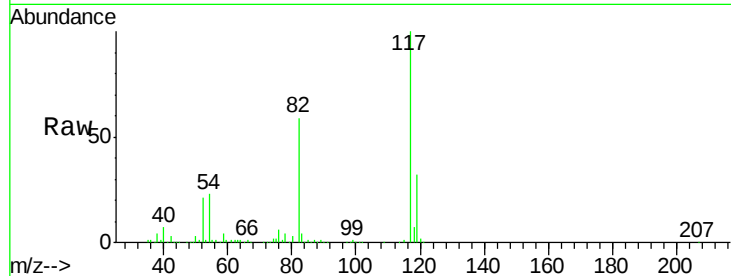




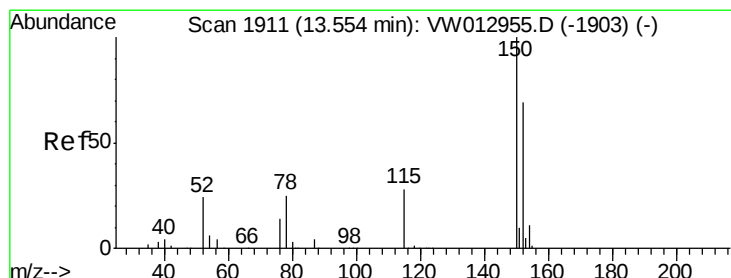
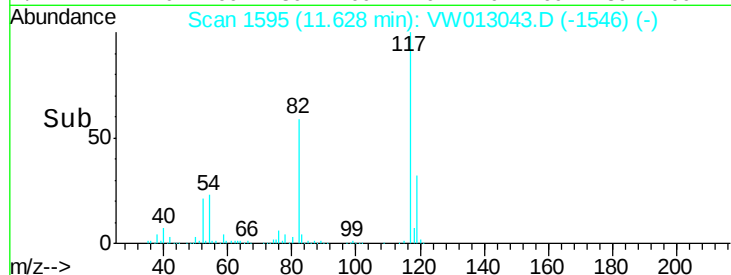
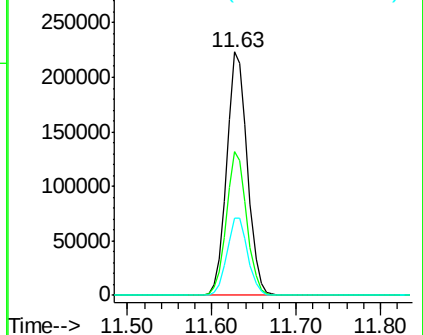
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013043.D
Acq: 16 Sep 2019 15:58

Instrument :
MSVOA_W
ClientSampleId :
ROLL-OFF-VOC-2

Tot Ion:117 Resp: 373037
Ion Ratio Lower Upper
117 100
82 58.9 46.3 69.5
119 31.9 26.2 39.4

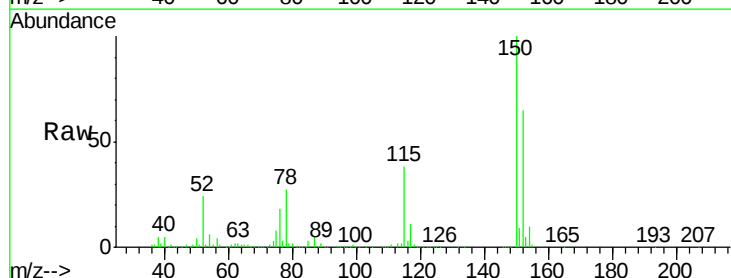


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.00 min
Lab File: VW013043.D
Acq: 16 Sep 2019 15:58

Tgt Ion:152 Resp: 164575
Ion Ratio Lower Upper
152 100
115 57.7 28.8 86.4
150 157.7 0.0 340.2



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

