

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100719\
 Data File : VW013474.D
 Acq On : 07 Oct 2019 19:55
 Operator : SY/VA
 Sample : K5152-01
 Misc : 4.58G/5ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SU-02-100719

Quant Time: Oct 08 10:59:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100119S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 11:49:57 2019
 Response via : Initial Calibration

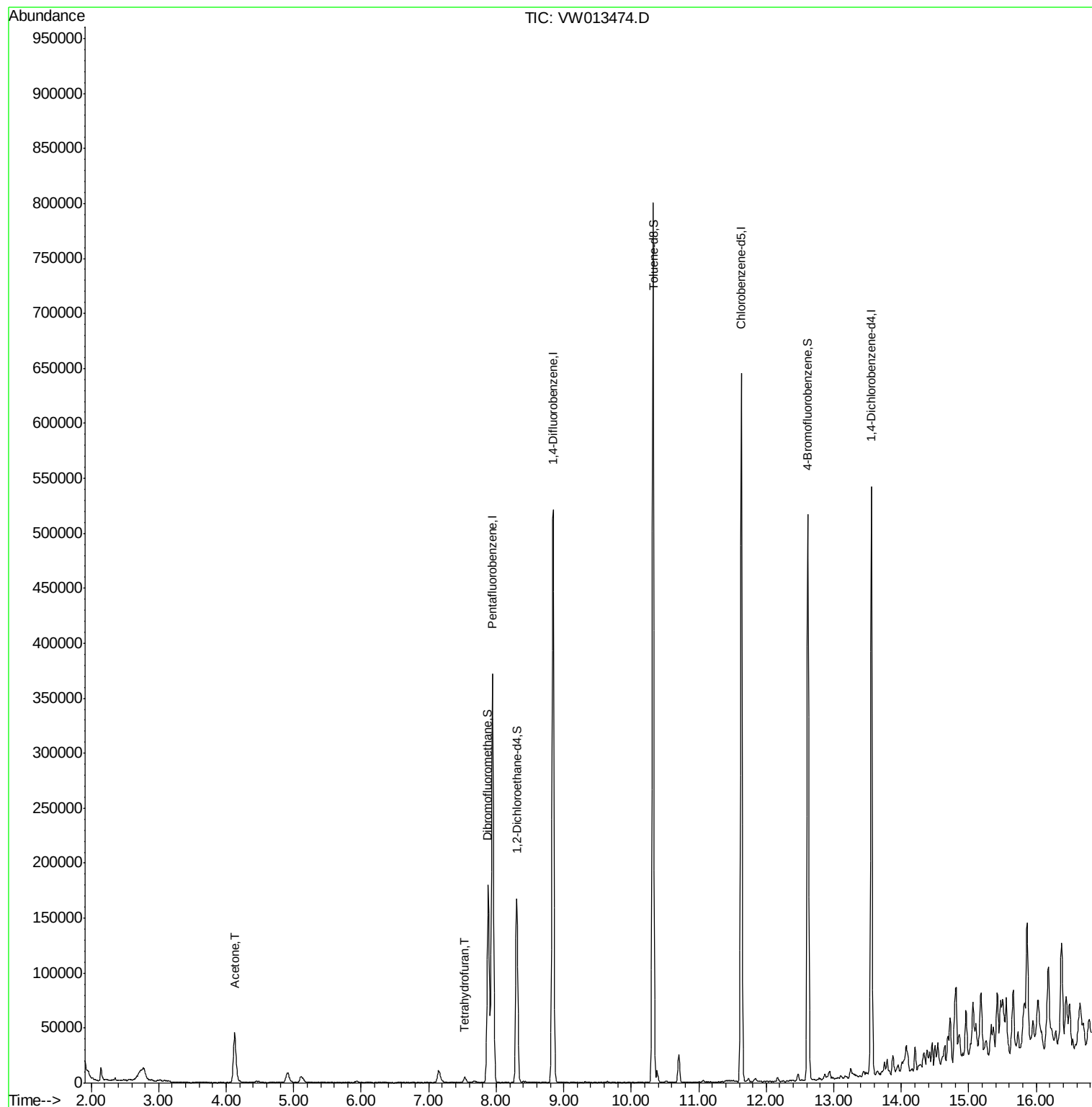
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	316240	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	479627	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	391372	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	156514	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	129965	55.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.08%	
35) Dibromofluoromethane	7.88	113	133324	52.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.96%	
50) Toluene-d8	10.32	98	537705	51.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.98%	
62) 4-Bromofluorobenzene	12.62	95	162663	46.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.28%	
Target Compounds						
16) Acetone	4.12	43	83500	115.367	ug/l	96
29) Tetrahydrofuran	7.53	42	3845	16.554	ug/l	92

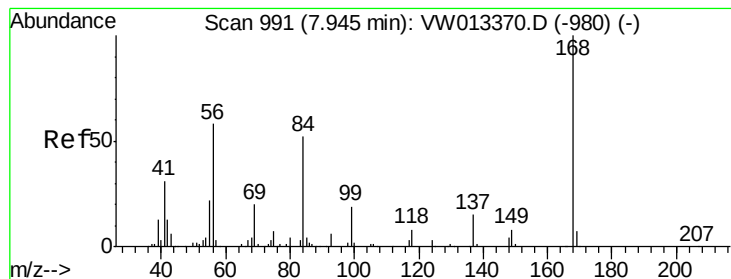
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW013474.D

Acq: 07 Oct 2019 19:55

Instrument :

MSVOA_W

ClientSampleId :

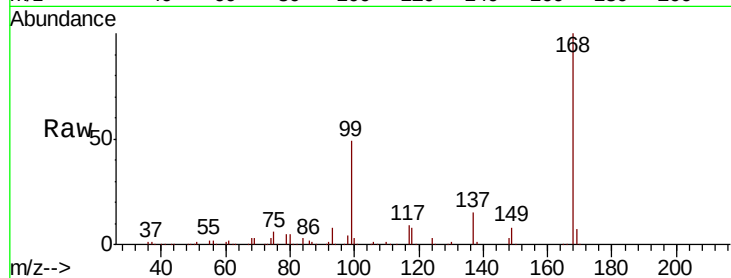
SU-02-100719

Tot Ion:168 Resp: 316240

Ion Ratio Lower Upper

168 100

99 49.0 40.2 60.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

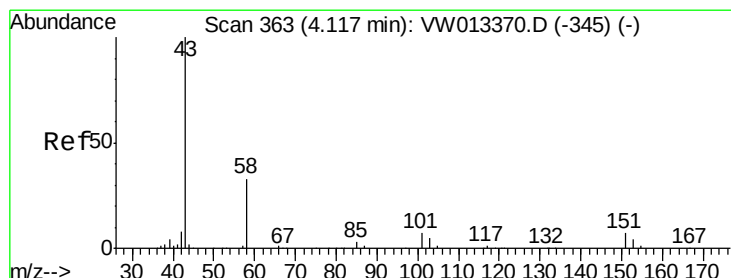
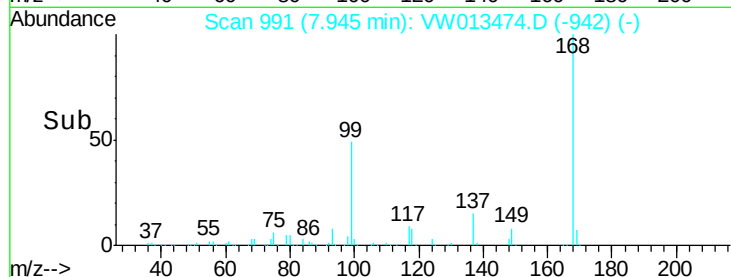
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 115.367 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW013474.D

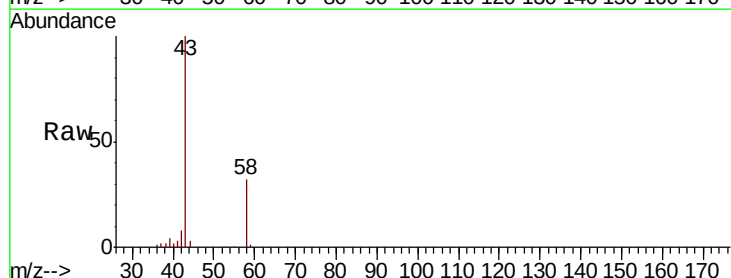
Acq: 07 Oct 2019 19:55

Tgt Ion: 43 Resp: 83500

Ion Ratio Lower Upper

43 100

58 32.2 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

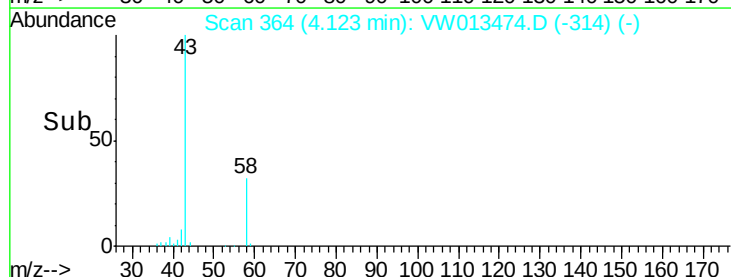
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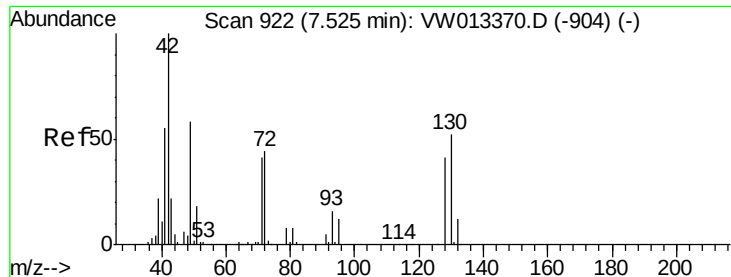
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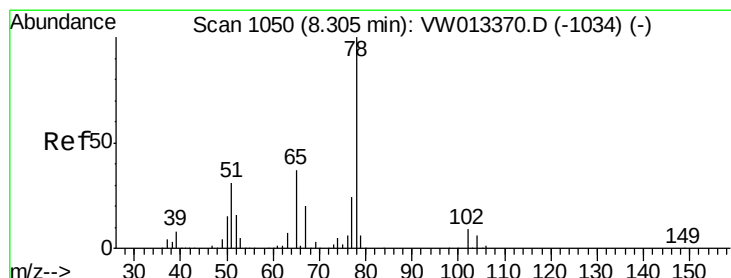
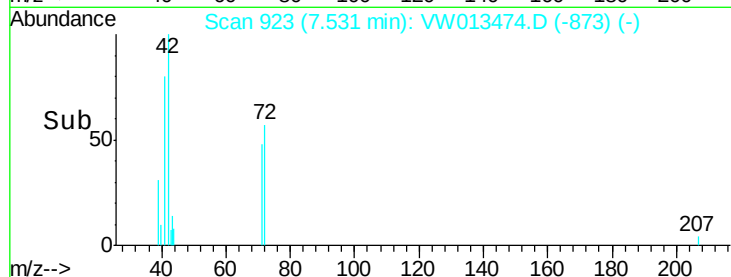
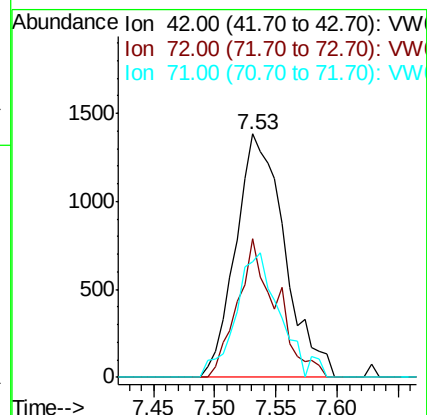
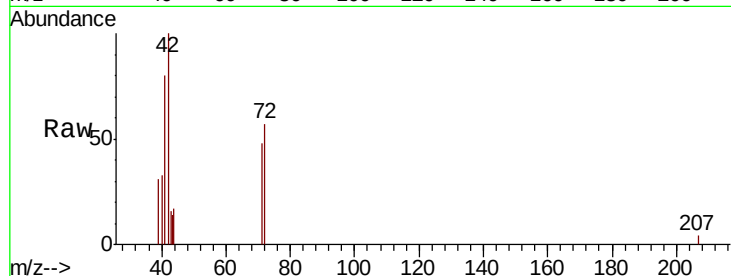




#29
Tetrahydrofuran
Concen: 16.554 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW013474.D
Acq: 07 Oct 2019 19:55

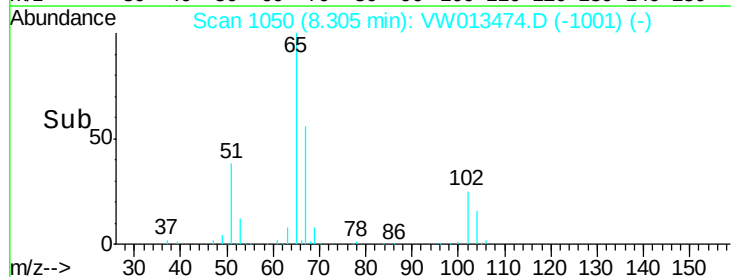
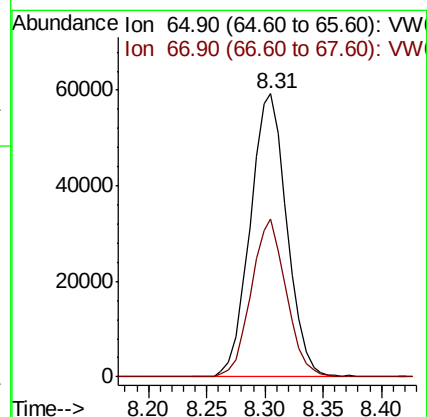
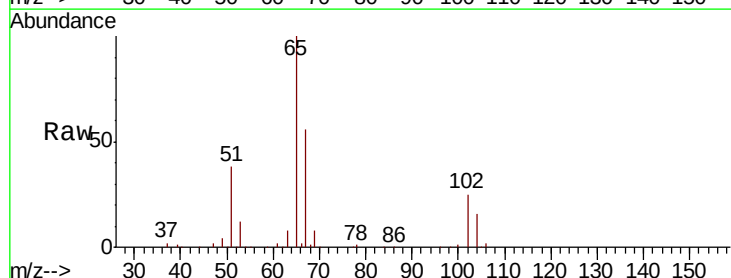
Instrument :
MSVOA_W
ClientSampleId :
SU-02-100719

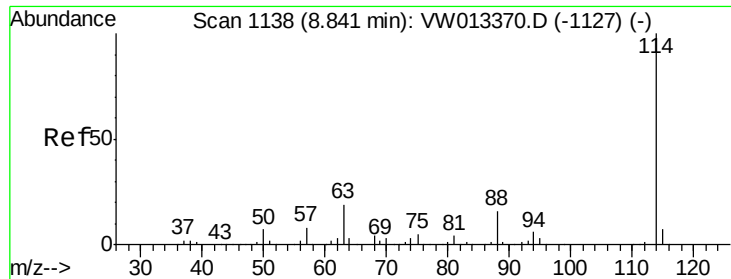
Tot Ion: 42 Resp: 3845
Ion Ratio Lower Upper
42 100
72 45.5 33.9 50.9
71 46.3 31.9 47.9



#33
1,2-Dichloroethane-d4
Concen: 55.040 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW013474.D
Acq: 07 Oct 2019 19:55

Tgt Ion: 65 Resp: 129965
Ion Ratio Lower Upper
65 100
67 53.4 0.0 106.2

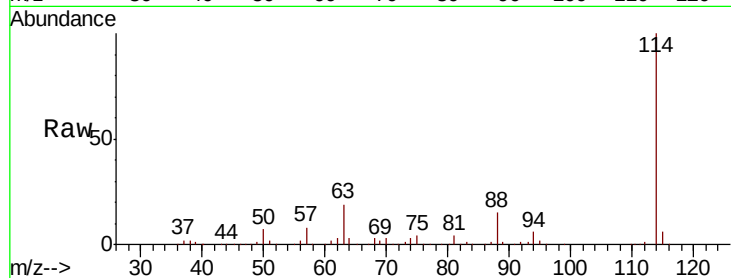




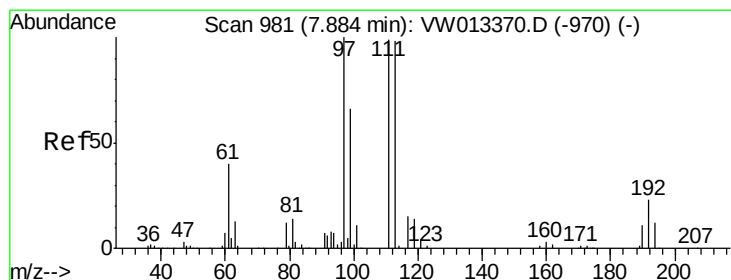
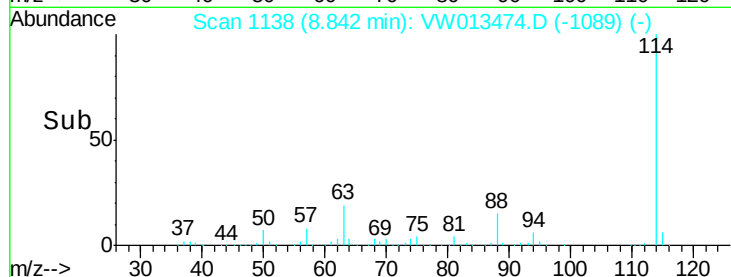
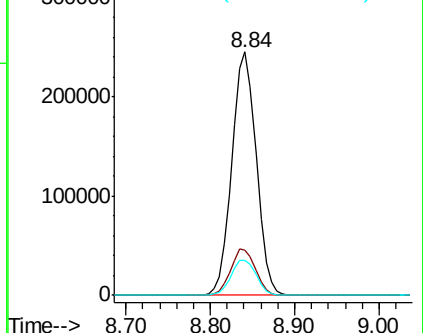
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW013474.D
 Acq: 07 Oct 2019 19:55

Instrument :
 MSVOA_W
 ClientSampleId :
 SU-02-100719

Tot Ion:114 Resp: 479627
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 41.4
 88 14.6 0.0 32.0

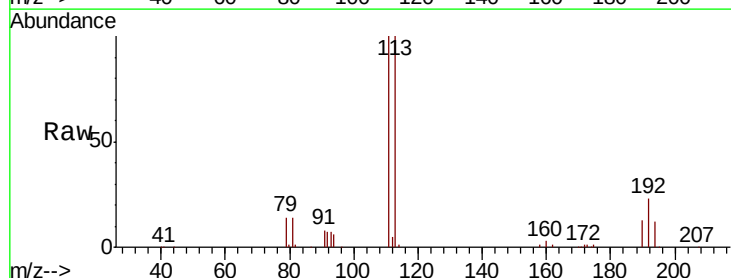


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

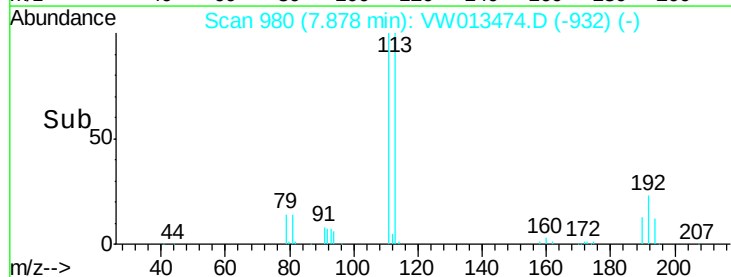
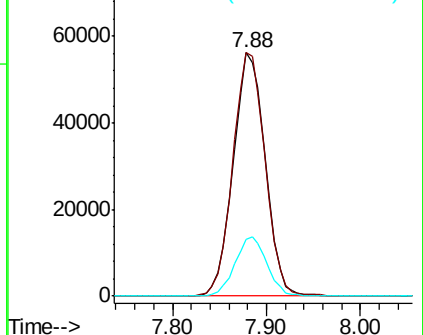


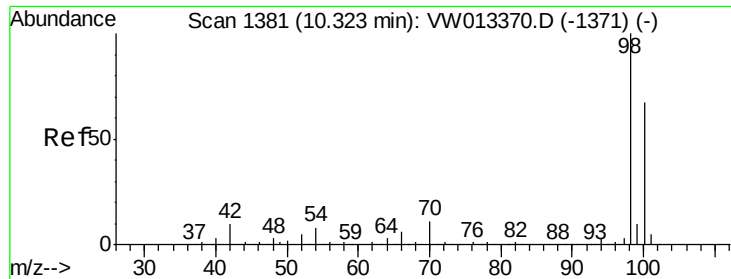
#35
 Dibromofluoromethane
 Concen: 52.975 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW013474.D
 Acq: 07 Oct 2019 19:55

Tgt Ion:113 Resp: 133324
 Ion Ratio Lower Upper
 113 100
 111 100.6 81.9 122.9
 192 24.1 19.1 28.7



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

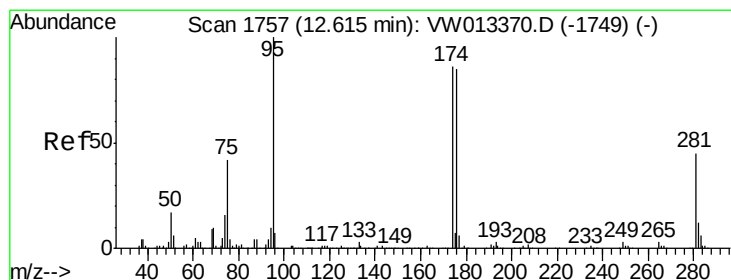
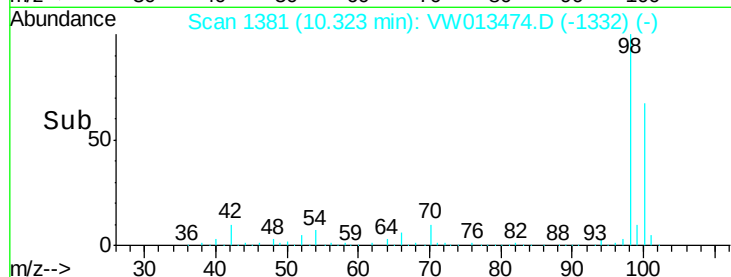
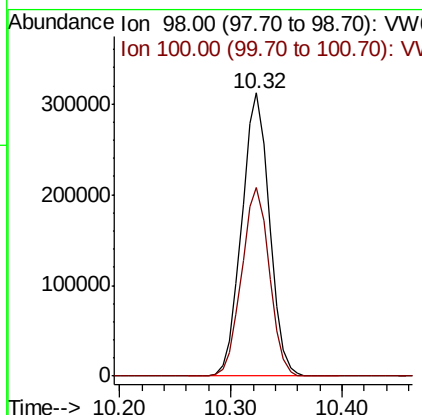
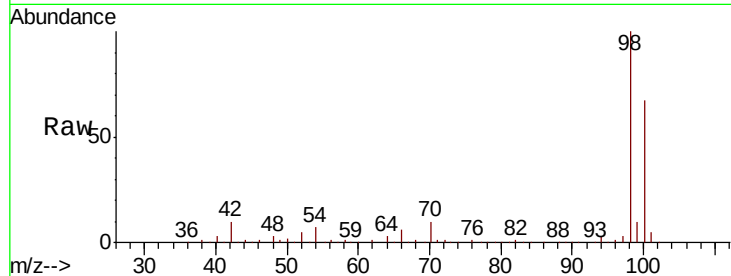




#50
Toluene-d8
Concen: 51.485 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW013474.D
Acq: 07 Oct 2019 19:55

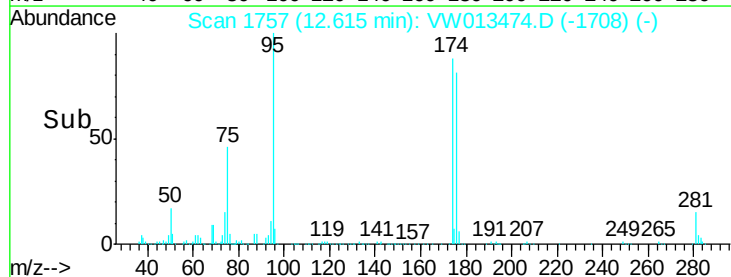
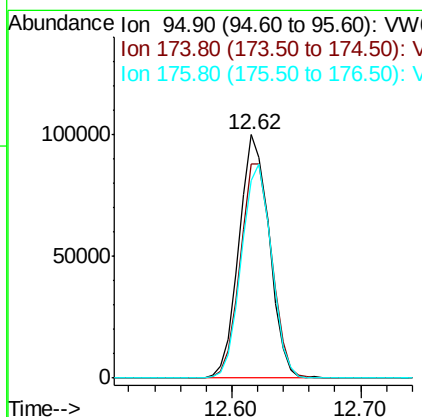
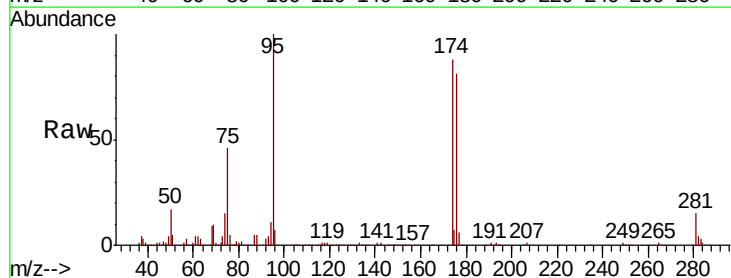
Instrument :
MSVOA_W
ClientSampleId :
SU-02-100719

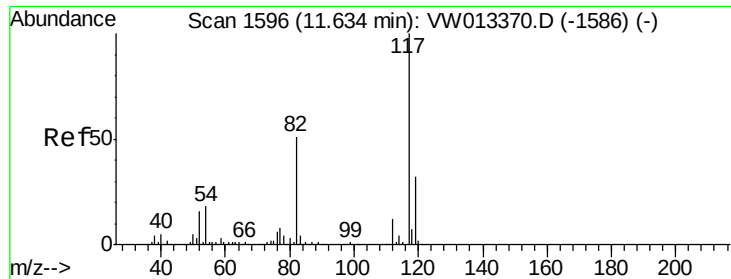
Tot Ion: 98 Resp: 537705
Ion Ratio Lower Upper
98 100
100 66.7 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 46.640 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW013474.D
Acq: 07 Oct 2019 19:55

Tgt Ion: 95 Resp: 162663
Ion Ratio Lower Upper
95 100
174 91.2 0.0 178.4
176 87.1 0.0 172.2

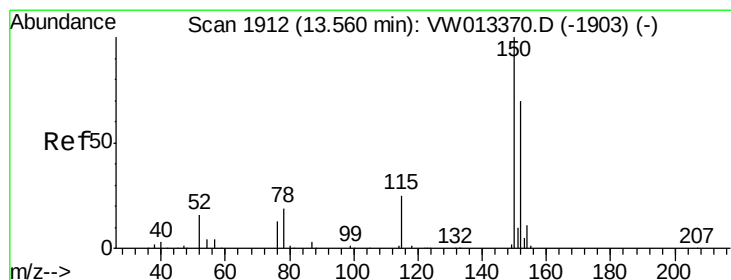
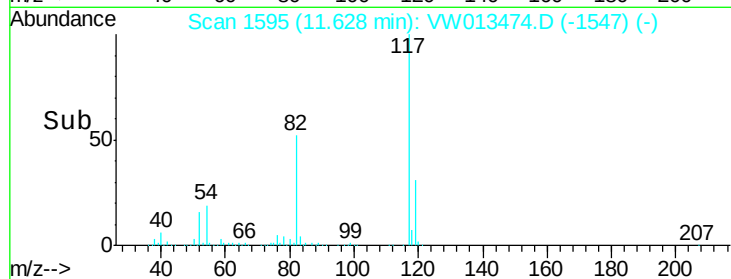
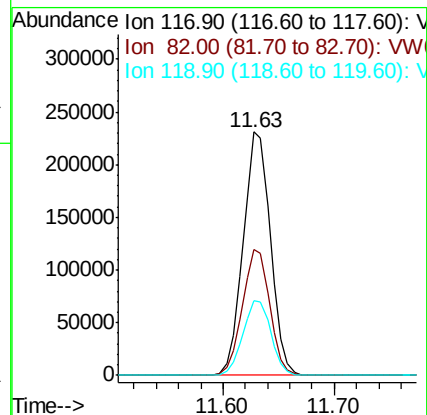
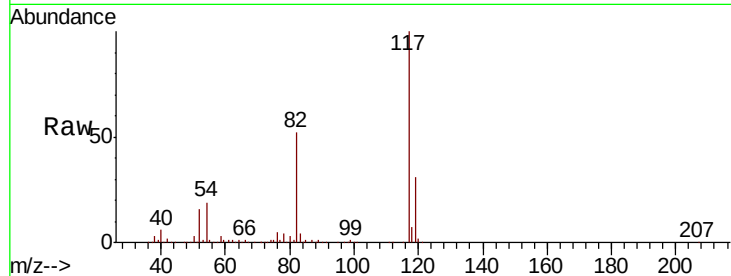




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW013474.D
Acq: 07 Oct 2019 19:55

Instrument :
MSVOA_W
ClientSampleId :
SU-02-100719

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.8	45.9	68.9
119	30.7	26.2	39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW013474.D
Acq: 07 Oct 2019 19:55

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.3	27.3	81.9
150	156.6	0.0	349.0

