

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW010820\
 Data File : VW014561.D
 Acq On : 08 Jan 2020 15:56
 Operator : SY/VA
 Sample : L1056-01
 Misc : 10.25G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WP022SB446_200106_35-36

Quant Time: Jan 09 13:25:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 03 16:07:20 2020
 Response via : Initial Calibration

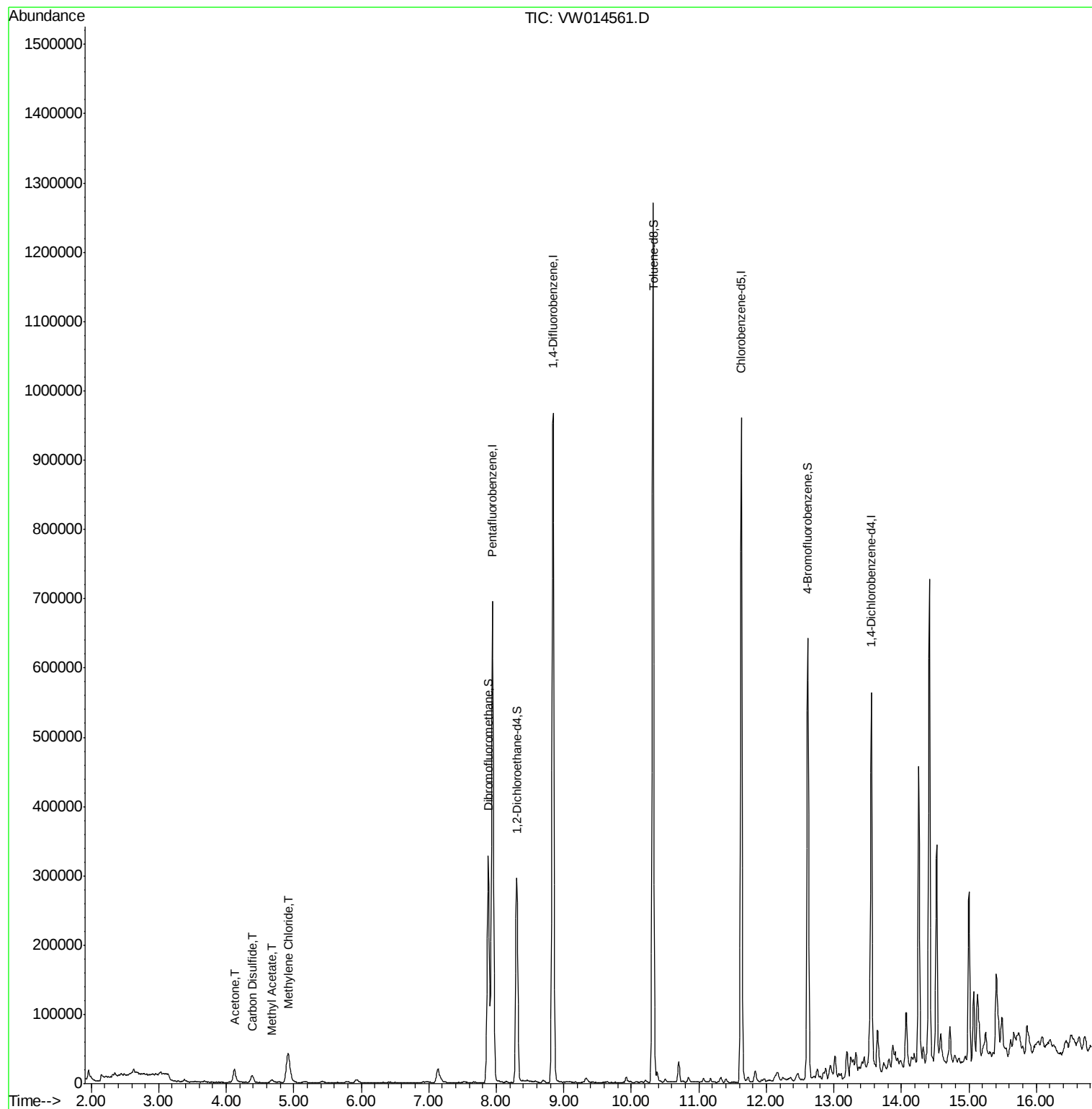
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	553810	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	862830	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	562613	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	158867	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	233598	48.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.48%	
35) Dibromofluoromethane	7.88	113	242172	49.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.22%	
50) Toluene-d8	10.32	98	863431	41.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.92%	
62) 4-Bromofluorobenzene	12.62	95	191602	27.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	54.90%	
Target Compounds						
16) Acetone	4.12	43	36318	26.563	ug/l	92
17) Carbon Disulfide	4.39	76	17377	1.046	ug/l	100
18) Methyl Acetate	4.67	43	7939	2.404	ug/l	95
20) Methylene Chloride	4.92	84	39520	2.890	ug/l	95

(#) = 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

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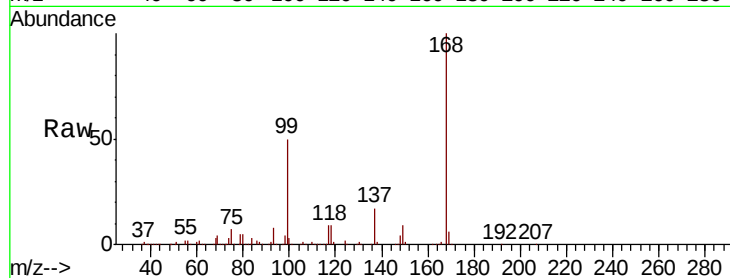
WP022SB446_200106_35-36

Tot Ion:168 Resp: 553810

Ion Ratio Lower Upper

168 100

99 50.3 41.1 61.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

250000

200000

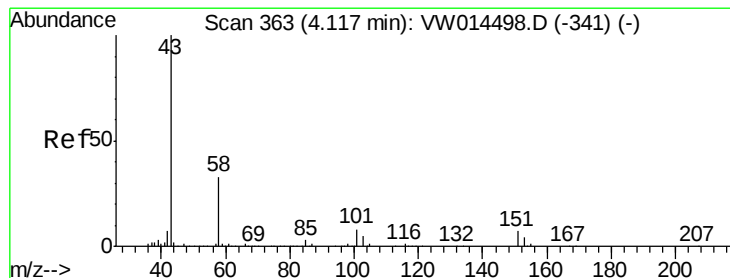
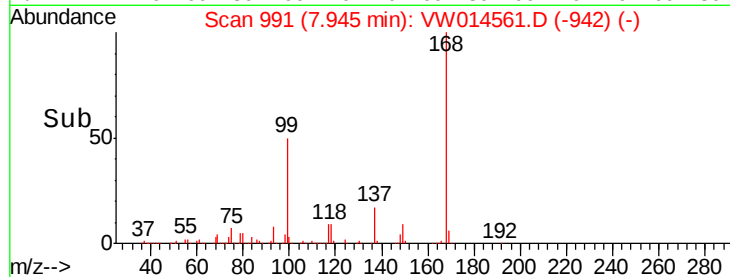
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 26.563 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW014561.D

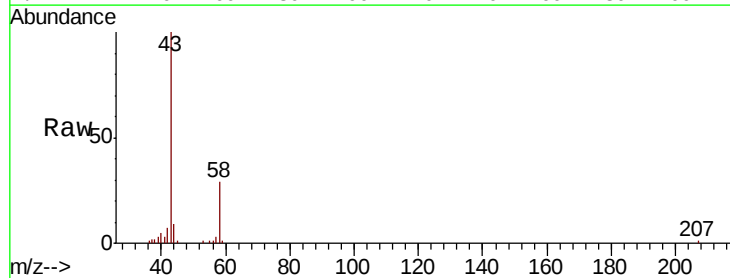
Acq: 08 Jan 2020 15:56

Tgt Ion: 43 Resp: 36318

Ion Ratio Lower Upper

43 100

58 28.6 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

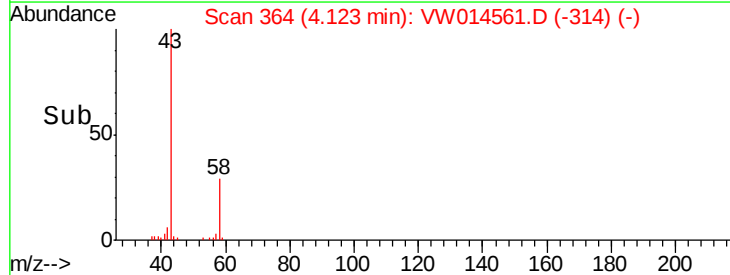
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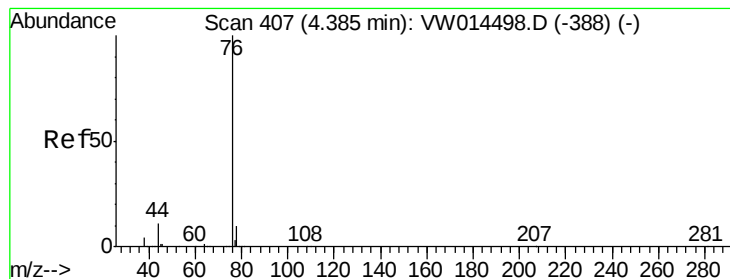
10000

5000

0

Time-->





#17

Carbon Disulfide

Concen: 1.046 ug/l

RT: 4.39 min Scan# 407

Delta R.T. -0.00 min

Lab File: VW014561.D

Acq: 08 Jan 2020 15:56

Instrument :

MSVOA_W

ClientSampleId :

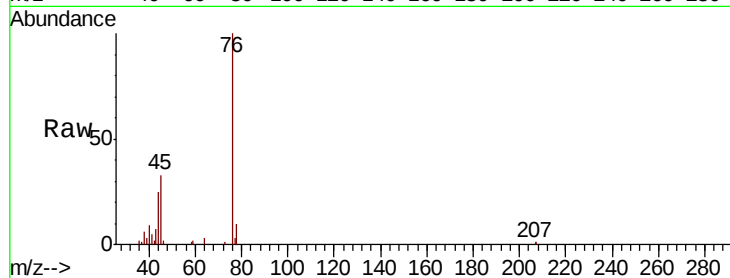
WP022SB446_200106_35-36

Tot Ion: 76 Resp: 17377

Ion Ratio Lower Upper

76 100

78 9.8 7.8 11.6



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.39

6000

5000

4000

3000

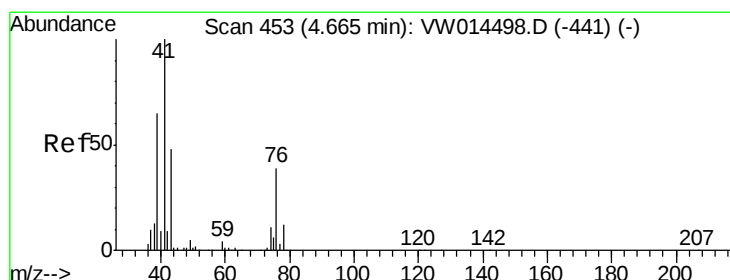
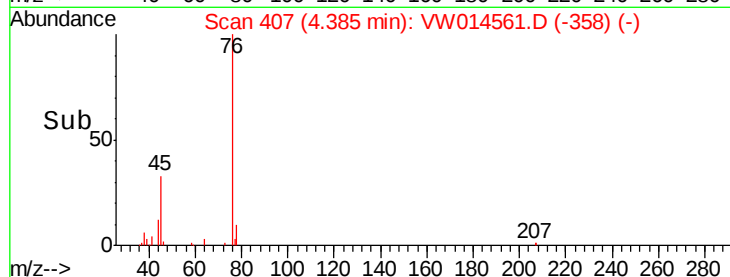
2000

1000

0

Time-->

4.30 4.40 4.50



#18

Methyl Acetate

Concen: 2.404 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW014561.D

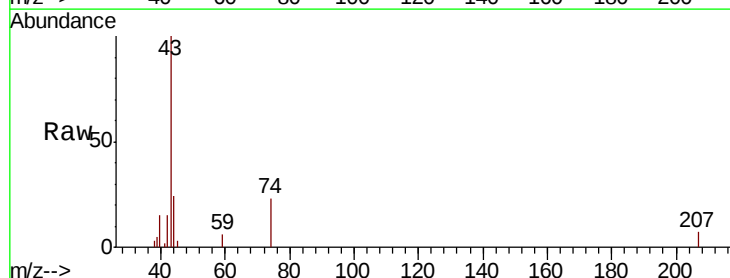
Acq: 08 Jan 2020 15:56

Tgt Ion: 43 Resp: 7939

Ion Ratio Lower Upper

43 100

74 26.7 19.3 28.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.67

3000

2500

2000

1500

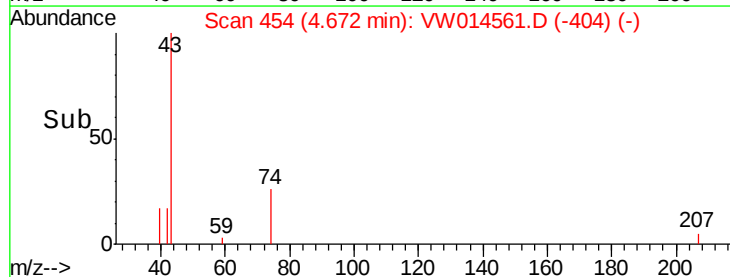
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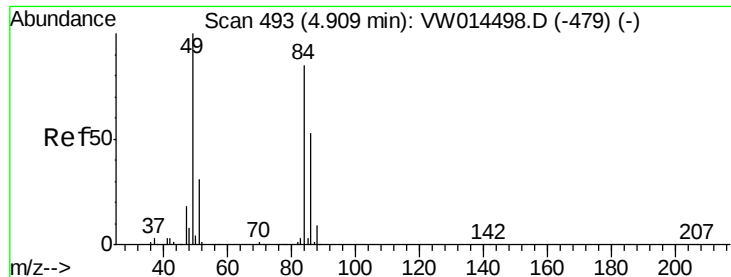
500

0

Time-->

4.60 4.70 4.80

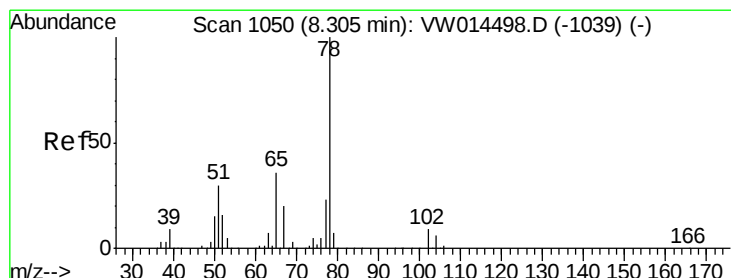
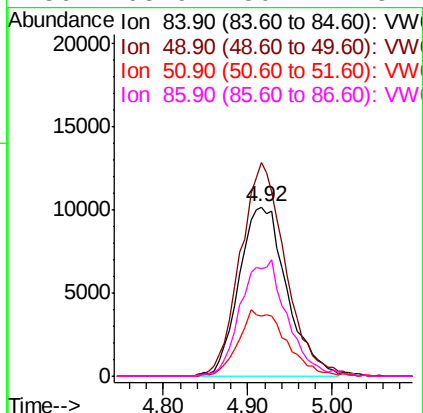
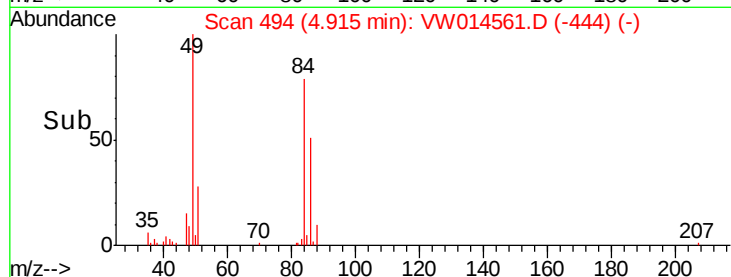
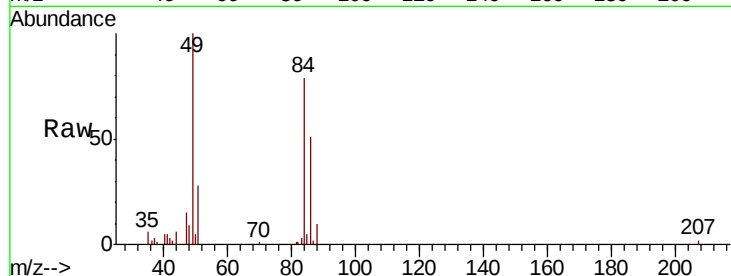




#20
Methylene Chloride
Concen: 2.890 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW014561.D
Acq: 08 Jan 2020 15:56

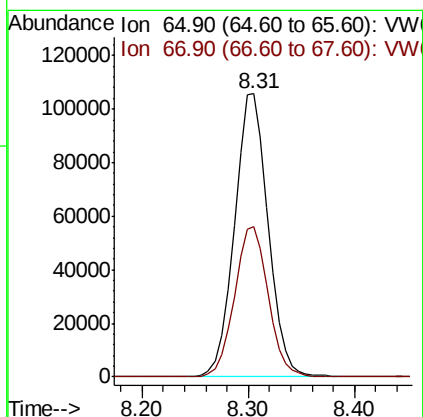
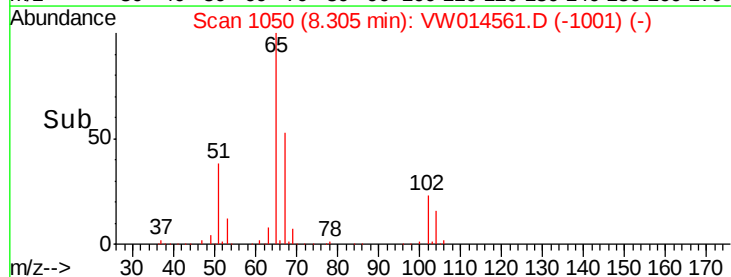
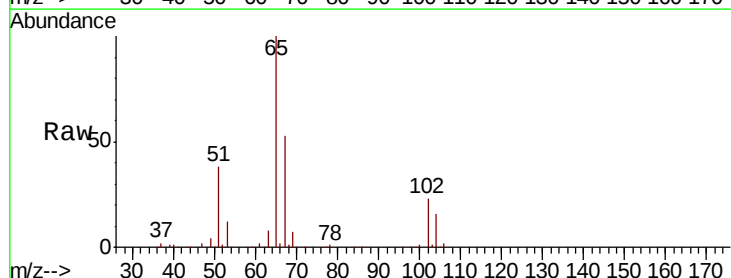
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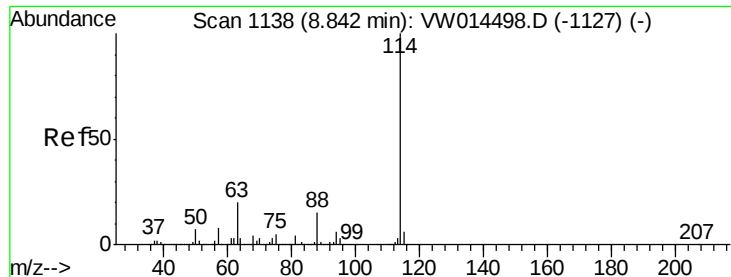
Tot Ion:	84	Resp:	39520
Ion	Ratio	Lower	Upper
84	100		
49	126.3	94.4	141.6
51	35.3	29.5	44.3
86	63.9	50.2	75.2



#33
1,2-Dichloroethane-d4
Concen: 48.244 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW014561.D
Acq: 08 Jan 2020 15:56

Tgt Ion:	65	Resp:	233598
Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	108.4

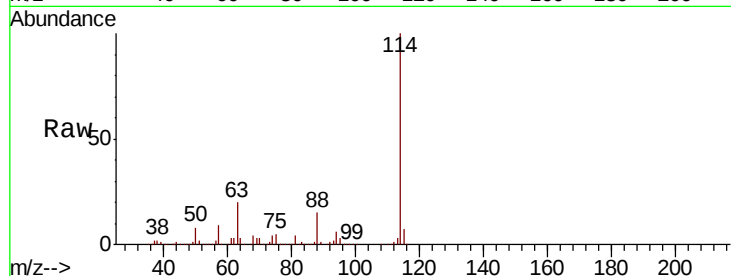




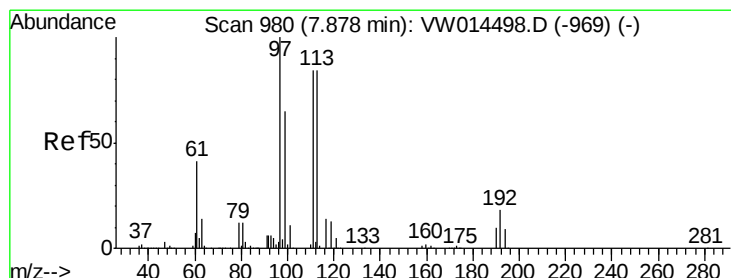
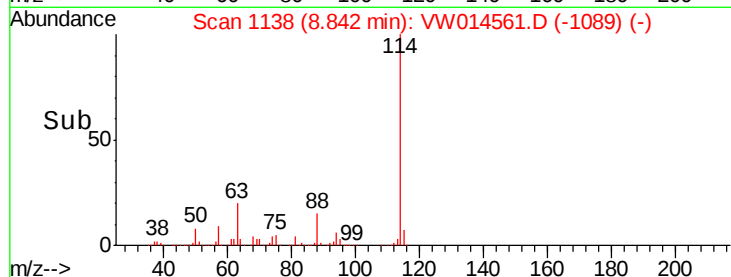
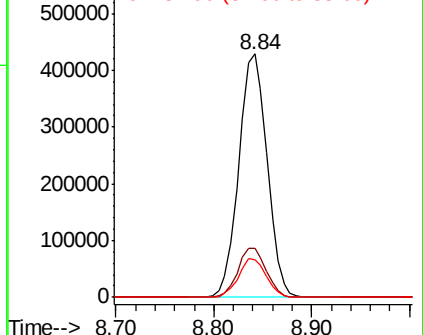
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW014561.D
 Acq: 08 Jan 2020 15:56

Instrument :
 MSVOA_W
 ClientSampleId :
 WP022SB446_200106_35-36

Tot Ion:114	Resp:	862830
Ion	Ratio	Lower Upper
114	100	
63	20.3	0.0 40.4
88	15.4	0.0 30.6

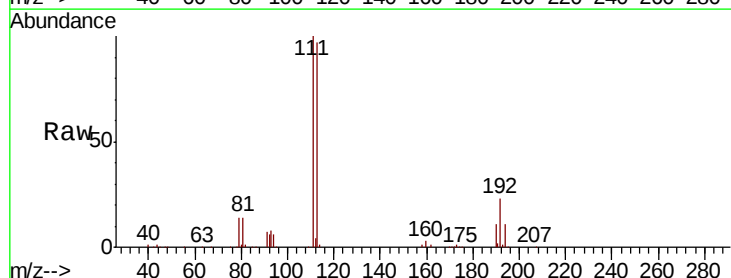


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

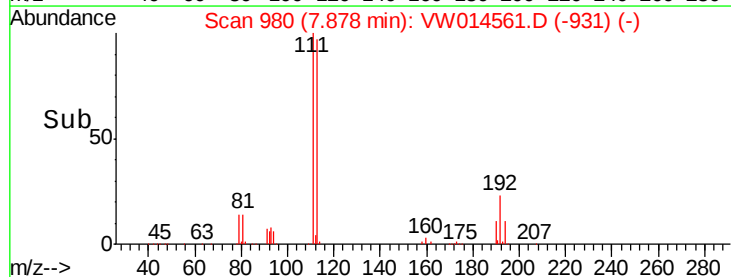
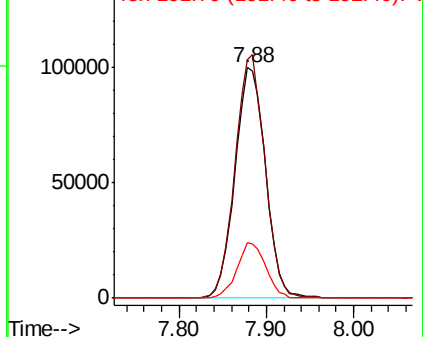


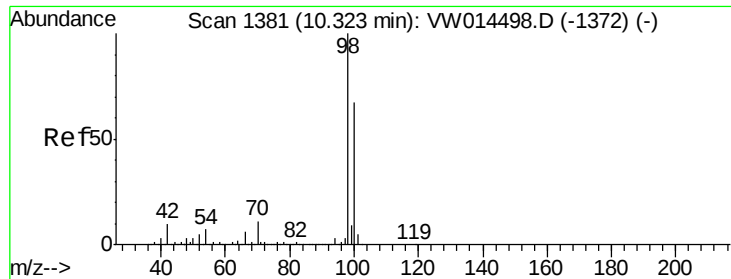
#35
 Dibromofluoromethane
 Concen: 49.110 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW014561.D
 Acq: 08 Jan 2020 15:56

Tgt Ion:113	Resp:	242172
Ion	Ratio	Lower Upper
113	100	
111	103.0	81.4 122.2
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

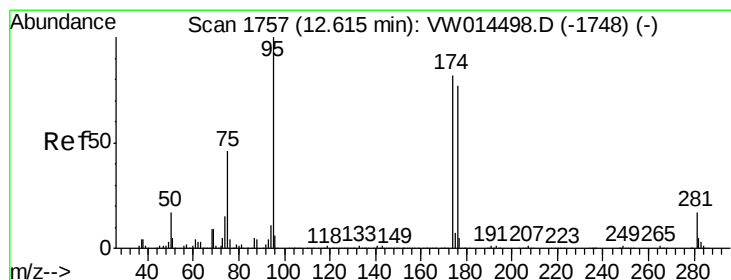
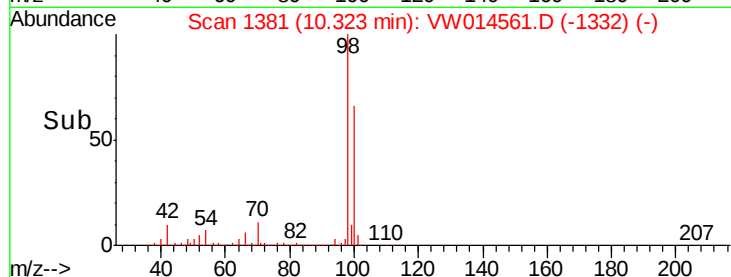
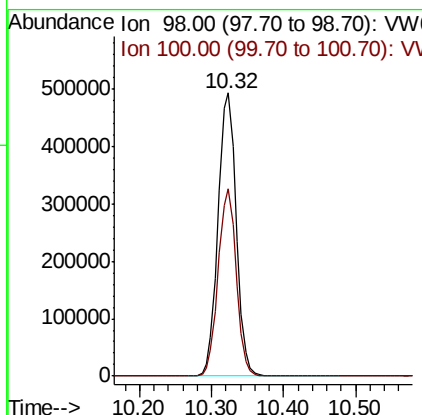
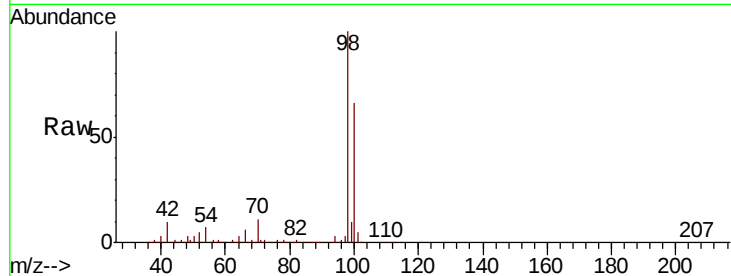




#50
Toluene-d8
Concen: 41.956 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW014561.D
Acq: 08 Jan 2020 15:56

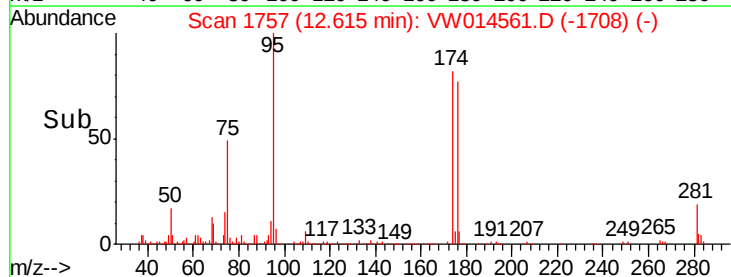
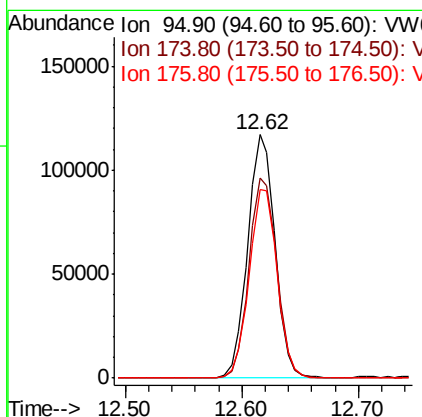
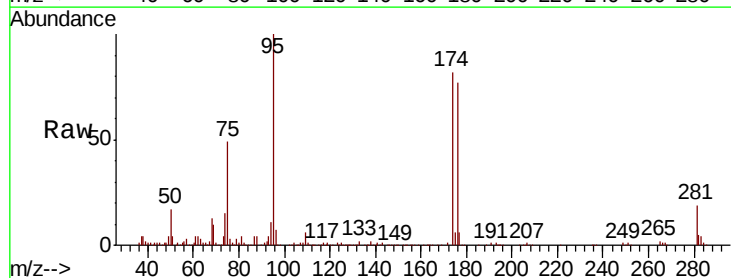
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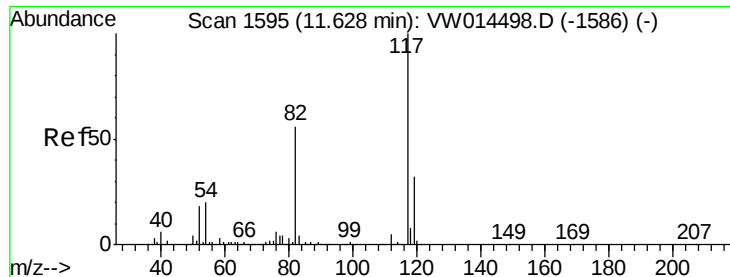
Tot Ion: 98 Resp: 863431
Ion Ratio Lower Upper
98 100
100 65.8 53.8 80.6



#62
4-Bromofluorobenzene
Concen: 27.449 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW014561.D
Acq: 08 Jan 2020 15:56

Tgt Ion: 95 Resp: 191602
Ion Ratio Lower Upper
95 100
174 84.3 0.0 168.6
176 79.7 0.0 162.0

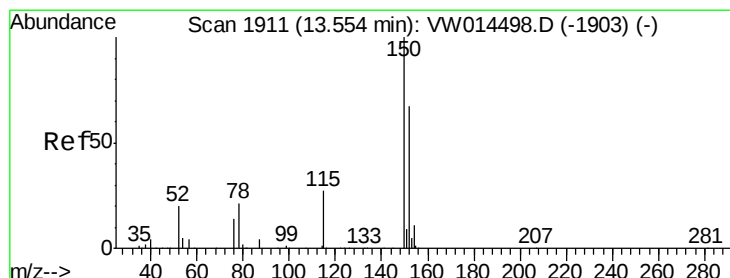
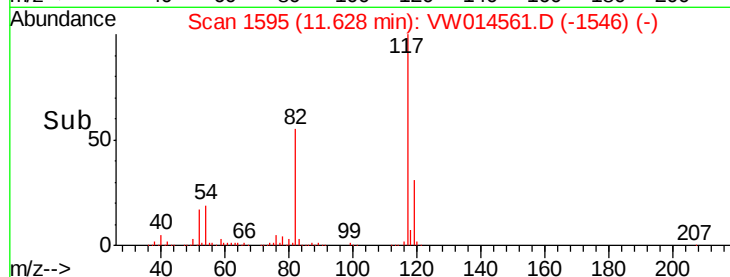
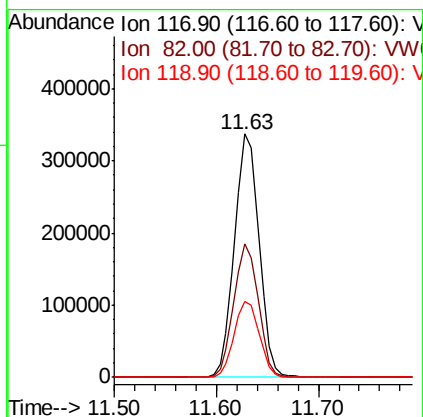
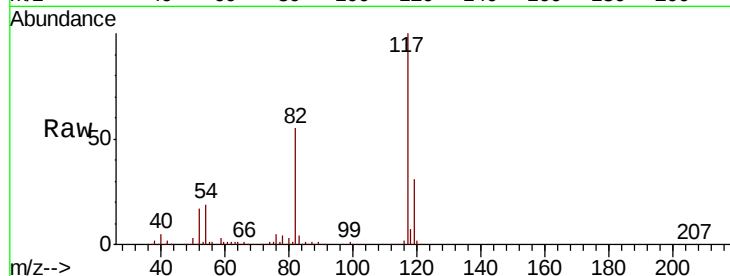




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW014561.D
Acq: 08 Jan 2020 15:56

Instrument :
MSVOA_W
ClientSampleId :
WP022SB446_200106_35-36

Tot Ion:117 Resp: 562613
Ion Ratio Lower Upper
117 100
82 54.9 44.6 67.0
119 31.3 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.00 min
Lab File: VW014561.D
Acq: 08 Jan 2020 15:56

Tgt Ion:152 Resp: 158867
Ion Ratio Lower Upper
152 100
115 56.4 27.7 83.1
150 152.4 0.0 343.4

