

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW051019\
 Data File : VW010359.D
 Acq On : 10 May 2019 16:37
 Operator : SY/VA
 Sample : K2717-17
 Misc : 4.57G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P026-SS003-1218-01

Quant Time: May 10 23:59:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W050919S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 10 03:41:21 2019
 Response via : Initial Calibration

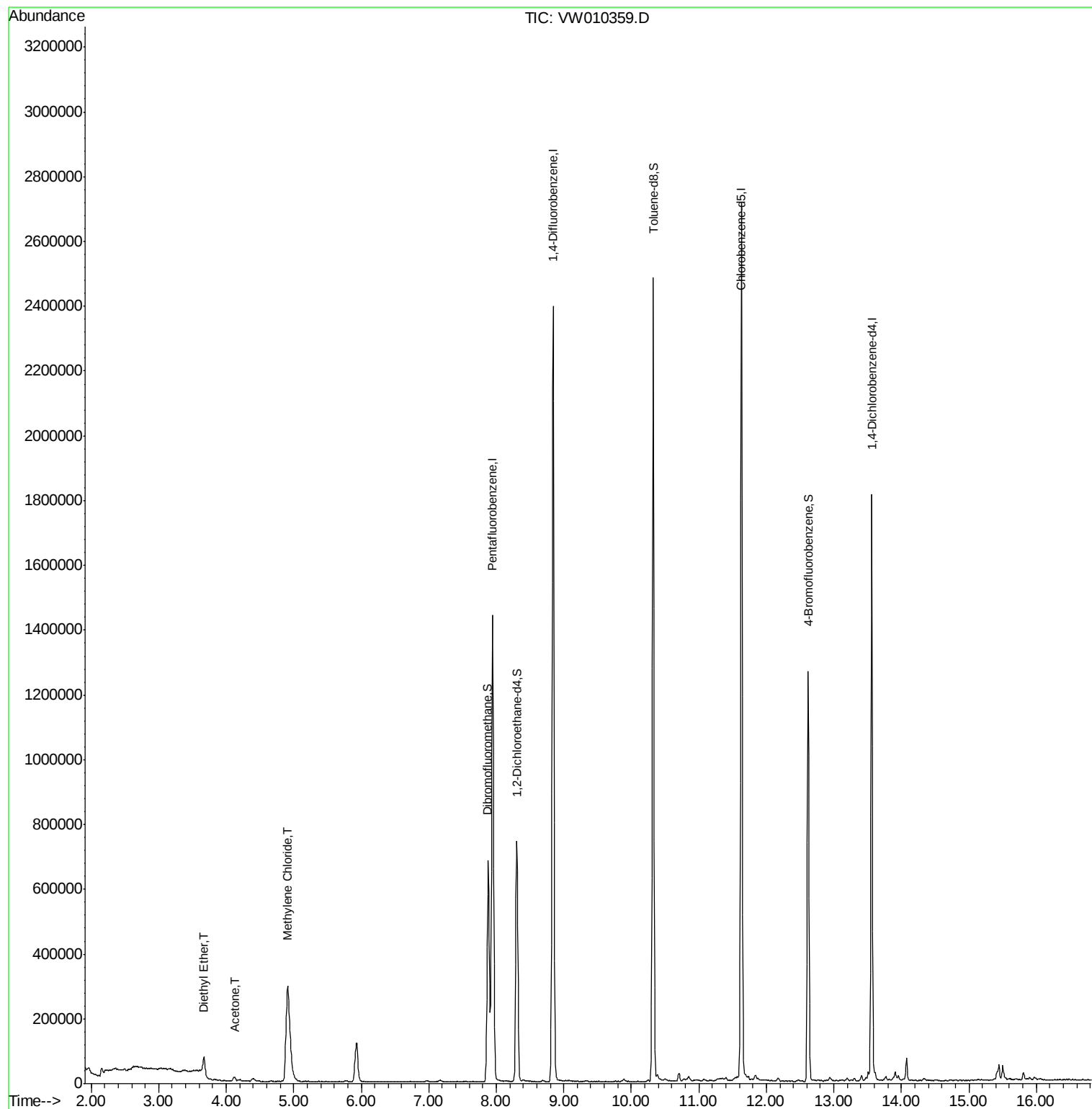
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	1034077	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1897500	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1467174	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	449204	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	581006	52.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.70%	
35) Dibromofluoromethane	7.88	113	492422	44.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.70%	
50) Toluene-d8	10.32	98	1571795	34.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.52%	
62) 4-Bromofluorobenzene	12.62	95	395267	24.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	49.66%	
Target Compounds						
8) Diethyl Ether	3.67	74	31221	5.393	ug/l	98
16) Acetone	4.12	43	24612	8.588	ug/l	95
20) Methylene Chloride	4.92	84	289601	24.227	ug/l	90

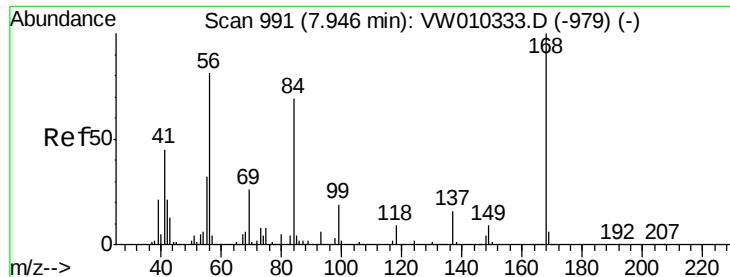
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW010359.D

Acq: 10 May 2019 16:37

Instrument :

MSVOA_W

ClientSampleId :

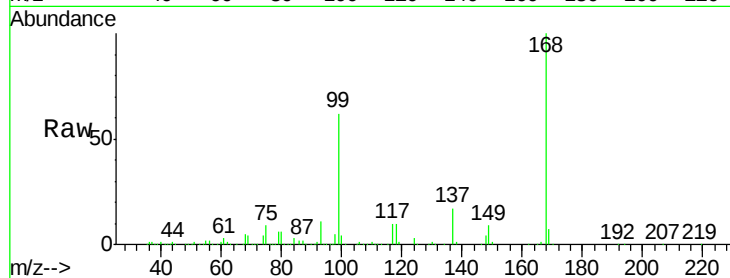
P026-SS003-1218-01

Tot Ion:168 Resp: 1034077

Ion Ratio Lower Upper

168 100

99 62.2 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

500000

400000

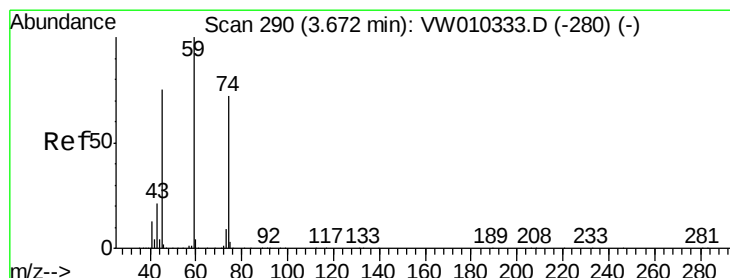
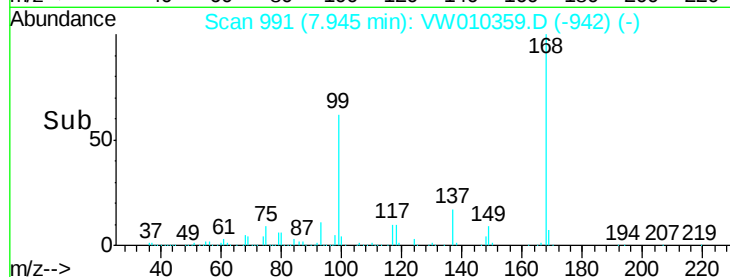
300000

200000

100000

0

Time--> 7.80 7.90 8.00



#8

Diethyl Ether

Concen: 5.393 ug/l

RT: 3.67 min Scan# 290

Delta R.T. -0.00 min

Lab File: VW010359.D

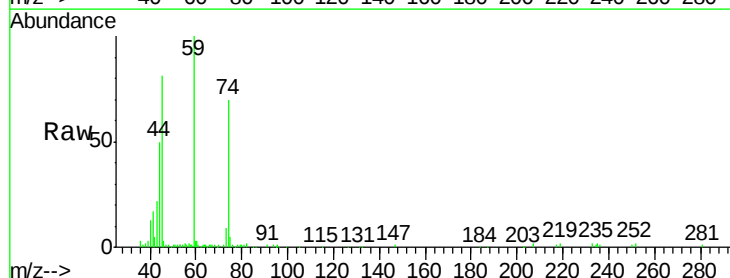
Acq: 10 May 2019 16:37

Tgt Ion: 74 Resp: 31221

Ion Ratio Lower Upper

74 100

45 109.6 56.0 168.0



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.67

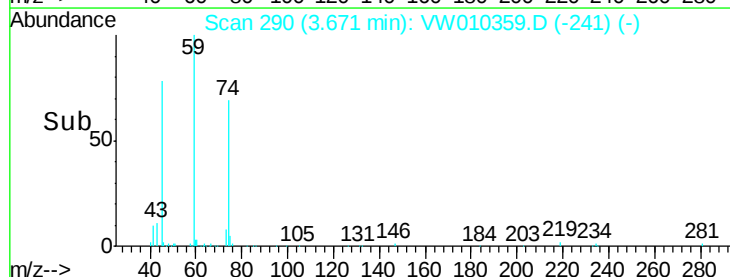
15000

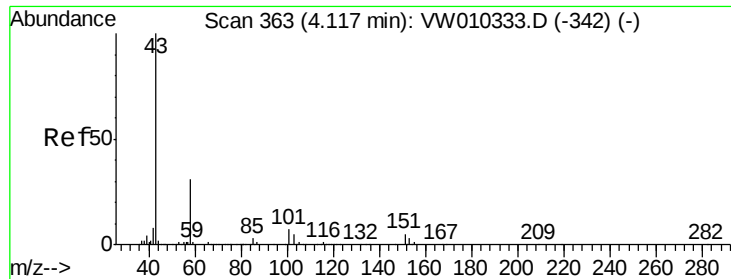
10000

5000

0

Time--> 3.55 3.60 3.65 3.70 3.75

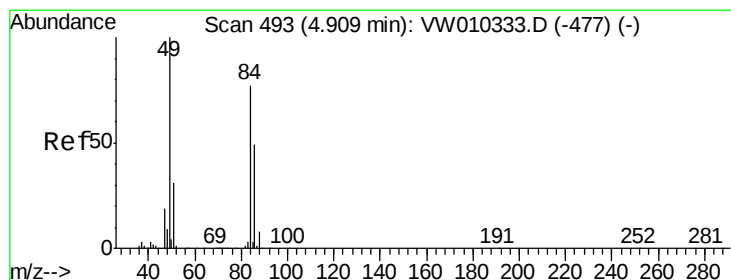
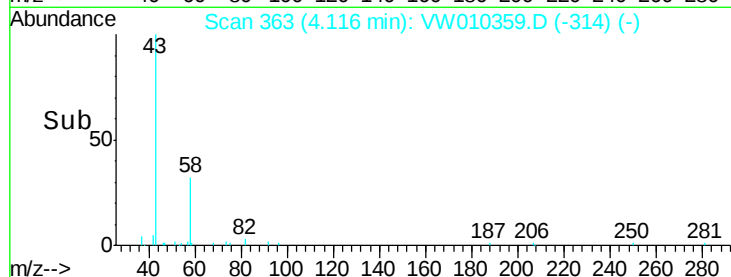
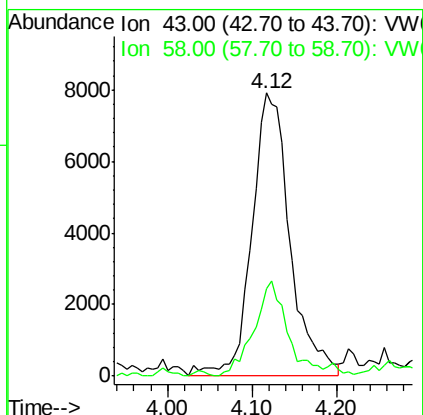
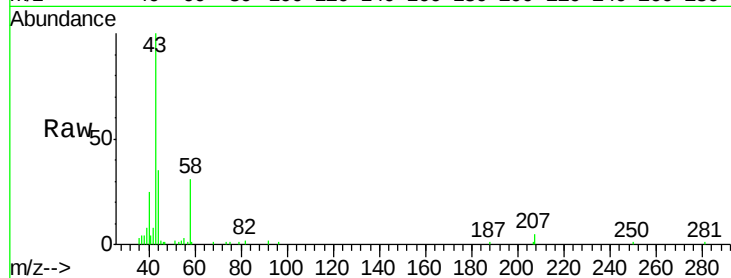




#16
Acetone
Concen: 8.588 ug/l
RT: 4.12 min Scan# 363
Delta R.T. -0.00 min
Lab File: VW010359.D
Acq: 10 May 2019 16:37

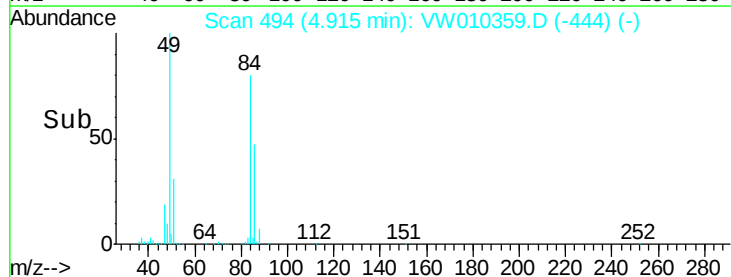
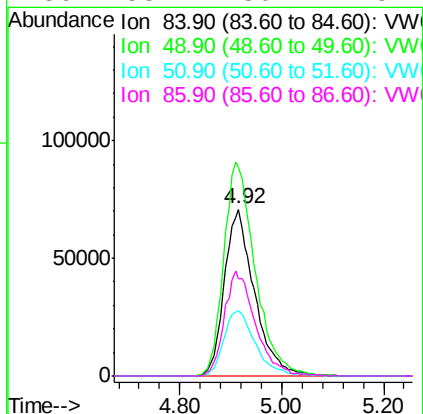
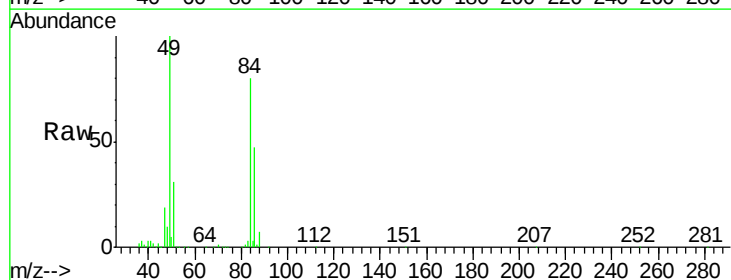
Instrument :
MSVOA_W
ClientSampleId :
P026-SS003-1218-01

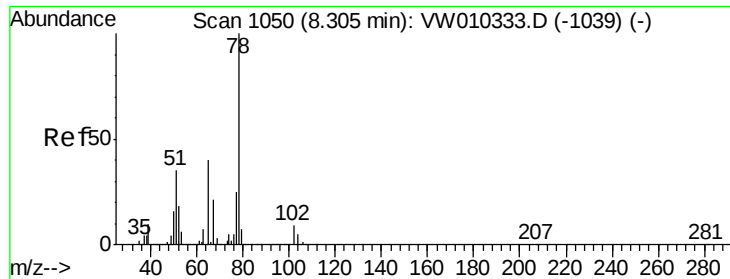
Tot Ion: 43 Resp: 24612
Ion Ratio Lower Upper
43 100
58 30.9 22.7 34.1



#20
Methylene Chloride
Concen: 24.227 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW010359.D
Acq: 10 May 2019 16:37

Tgt Ion: 84 Resp: 289601
Ion Ratio Lower Upper
84 100
49 125.0 112.3 168.5
51 38.9 33.9 50.9
86 58.2 50.2 75.4

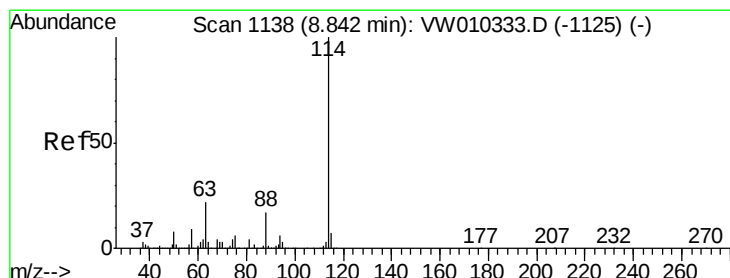
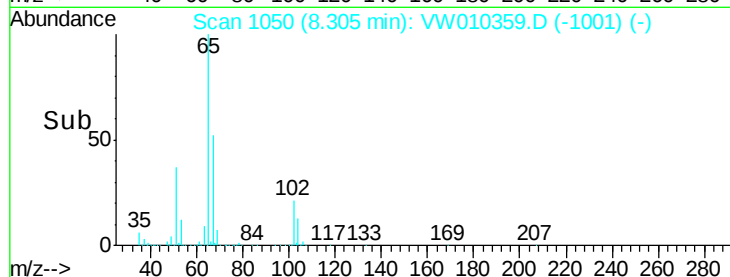
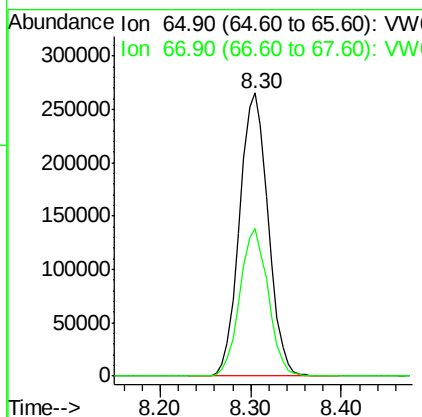
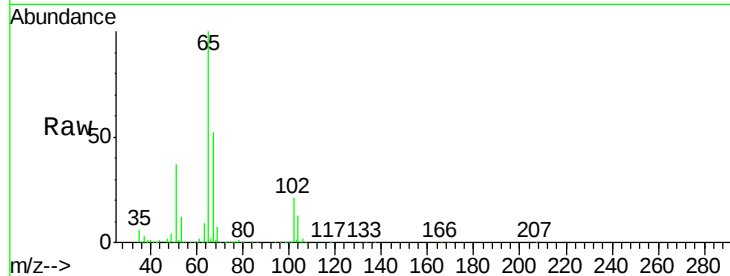




#33
 1,2-Dichloroethane-d4
 Concen: 52.849 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW010359.D
 Acq: 10 May 2019 16:37

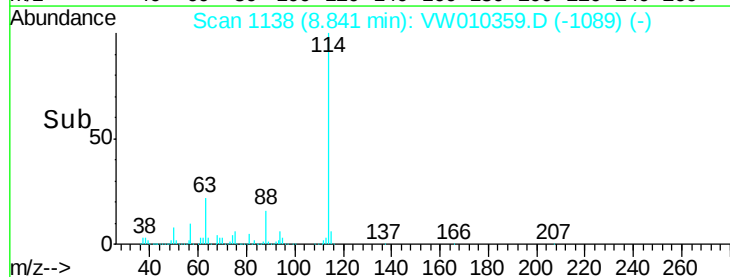
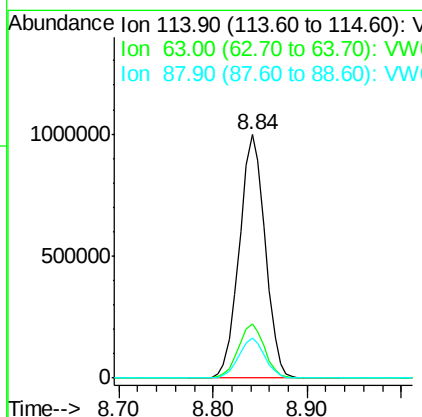
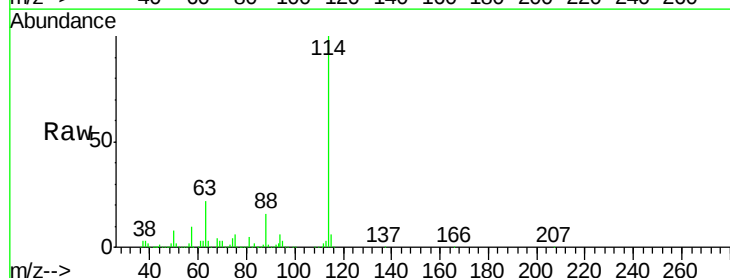
Instrument :
 MSVOA_W
 ClientSampleId :
 P026-SS003-1218-01

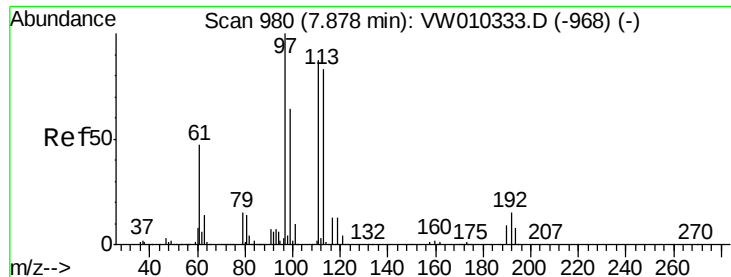
Tot Ion: 65 Resp: 581006
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010359.D
 Acq: 10 May 2019 16:37

Tgt Ion: 114 Resp: 1897500
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 46.2
 88 16.3 0.0 32.6

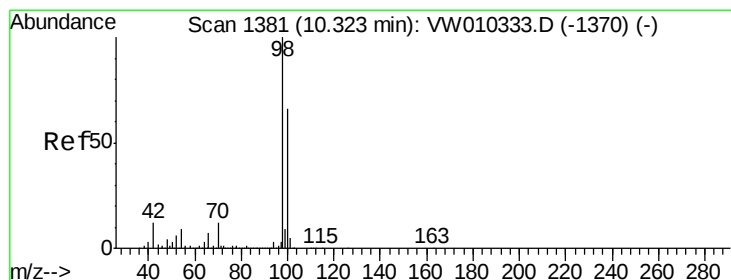
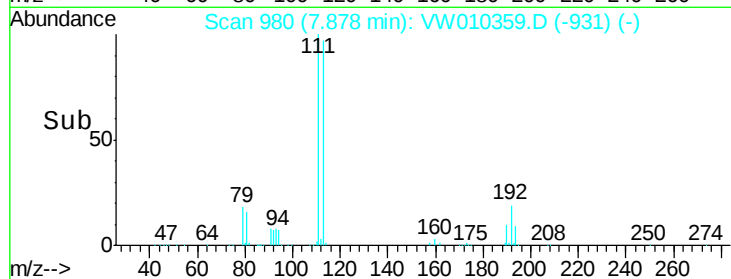
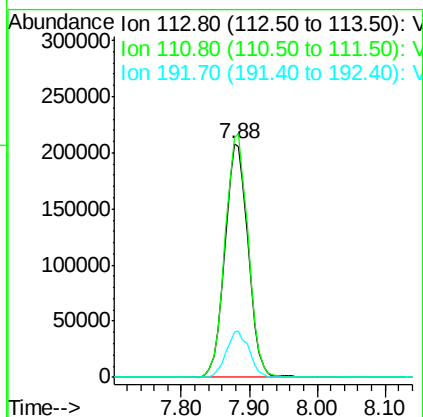
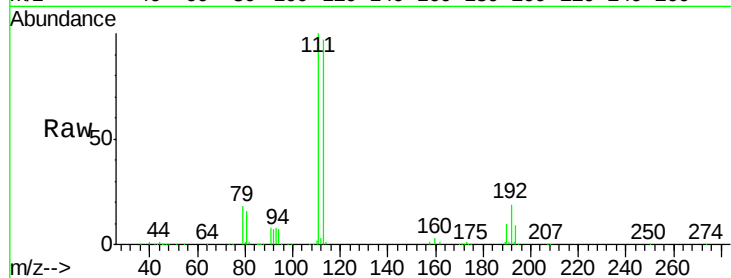




#35
 Dibromofluoromethane
 Concen: 44.347 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW010359.D
 Acq: 10 May 2019 16:37

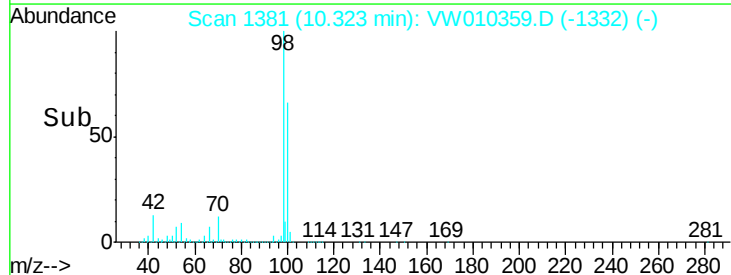
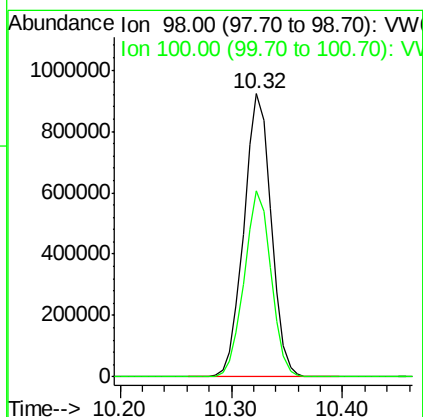
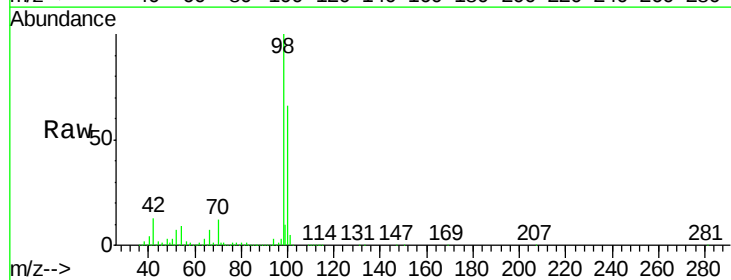
Instrument :
 MSVOA_W
 ClientSampleId :
 P026-SS003-1218-01

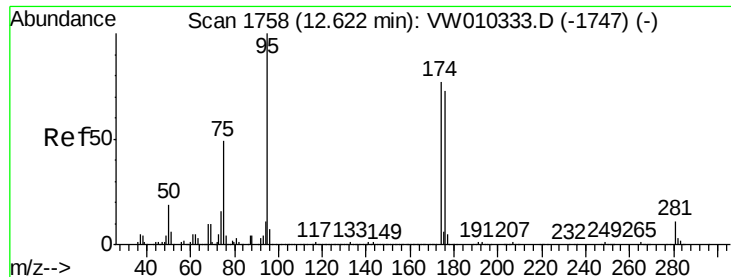
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.6	123.8
192	19.6	15.4	23.2



#50
 Toluene-d8
 Concen: 34.762 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW010359.D
 Acq: 10 May 2019 16:37

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.3	78.5

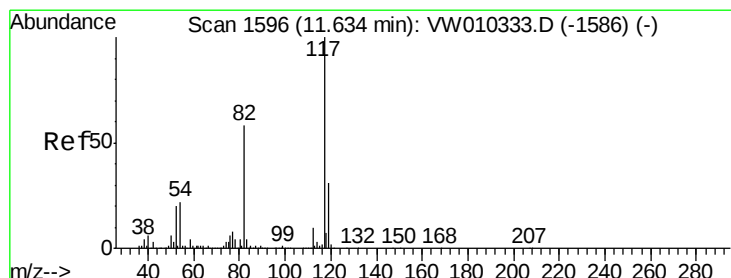
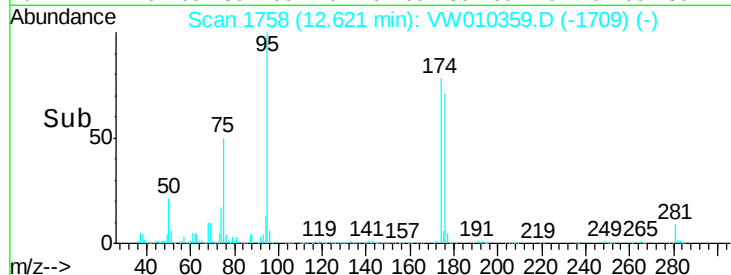
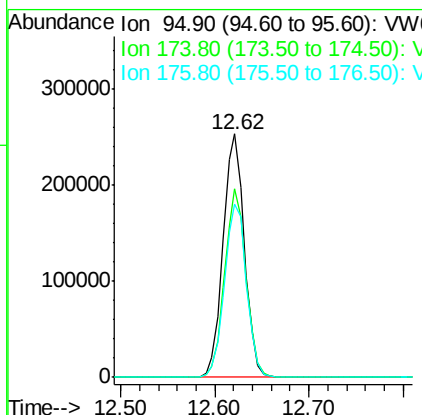
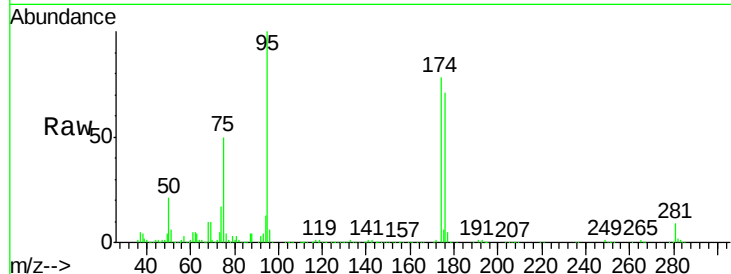




#62
4-Bromofluorobenzene
Concen: 24.834 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW010359.D
Acq: 10 May 2019 16:37

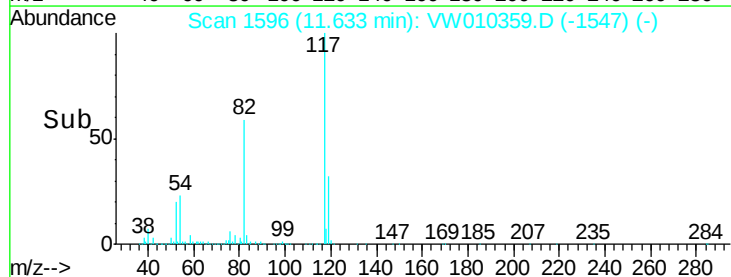
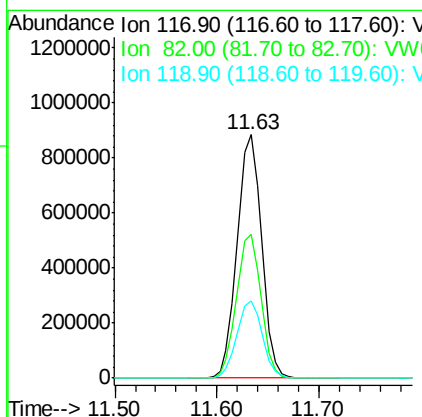
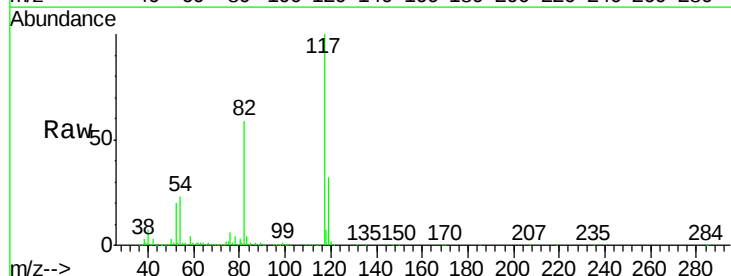
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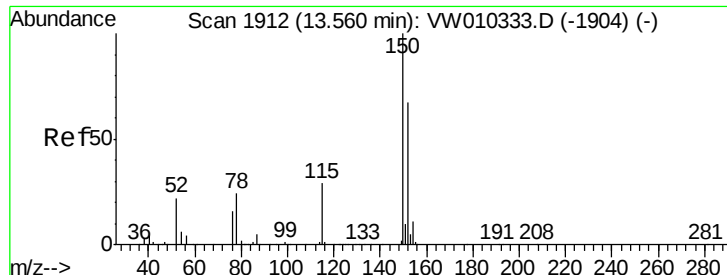
Tot Ion: 95 Resp: 395267
Ion Ratio Lower Upper
95 100
174 77.6 0.0 151.4
176 73.5 0.0 146.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010359.D
Acq: 10 May 2019 16:37

Tgt Ion: 117 Resp: 1467174
Ion Ratio Lower Upper
117 100
82 59.0 45.2 67.8
119 31.7 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW010359.D

Acq: 10 May 2019 16:37

Instrument :

MSVOA_W

ClientSampleId :

P026-SS003-1218-01

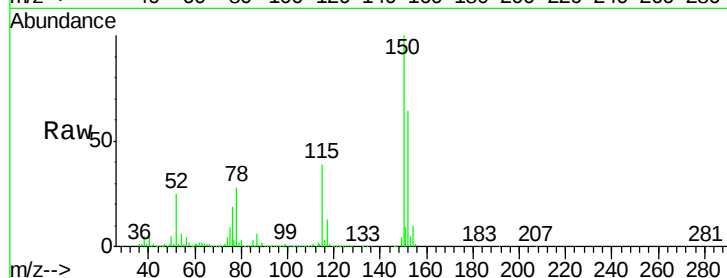
Tot Ion:152 Resp: 449204

Ion Ratio Lower Upper

152 100

115 60.8 30.4 91.2

150 158.2 0.0 347.0



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

