

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011619\
 Data File : VW008312.D
 Acq On : 16 Jan 2019 16:56
 Operator : SY/VA
 Sample : K1156-01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VOC-5

Quant Time: Jan 17 06:15:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 04:40:48 2019
 Response via : Initial Calibration

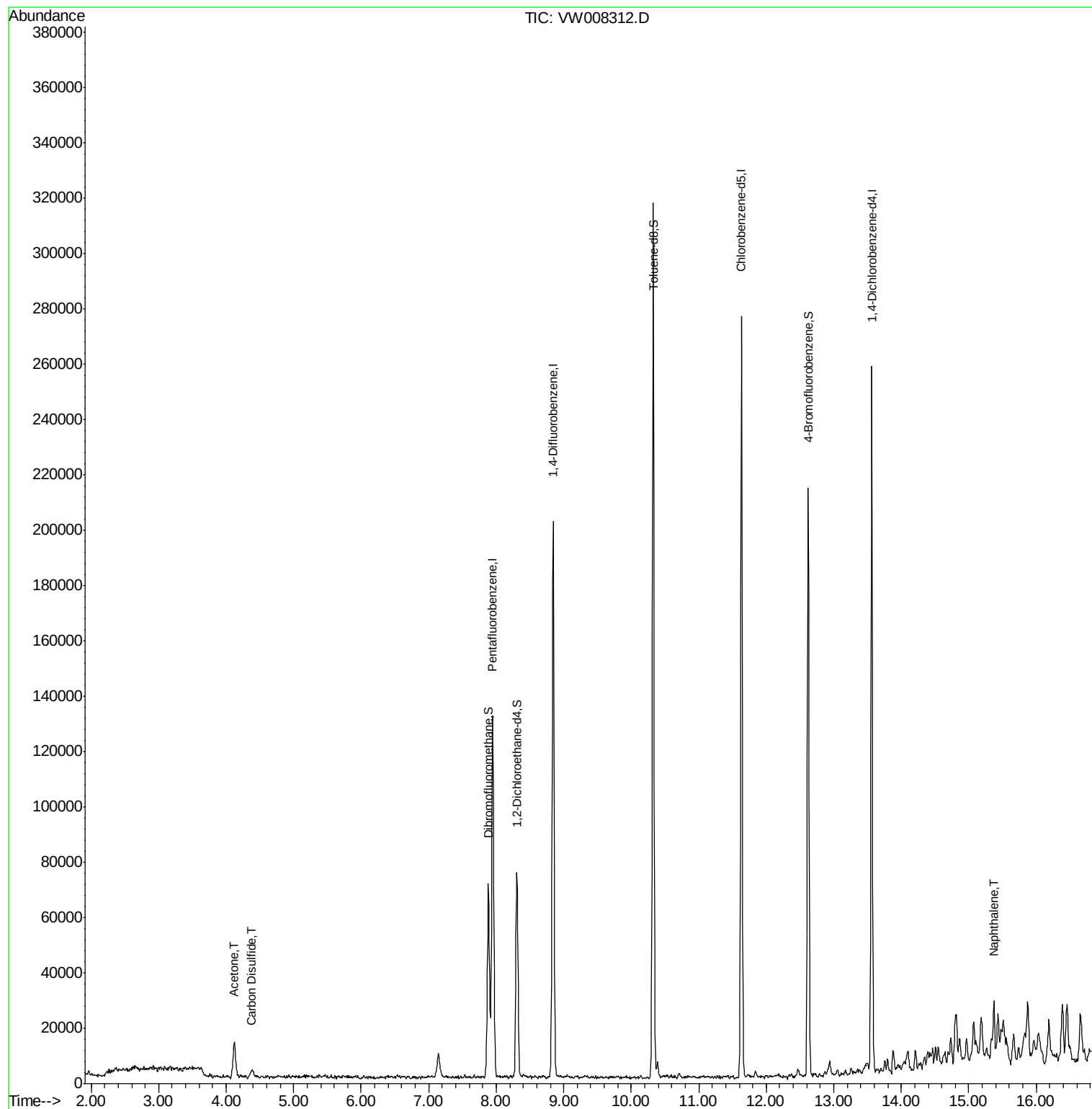
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	97045	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	170741	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	152408	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	64633	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	56344	51.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.32%	
35) Dibromofluoromethane	7.88	113	47866	48.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.14%	
50) Toluene-d8	10.32	98	211188	50.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.08%	
62) 4-Bromofluorobenzene	12.62	95	68591	45.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.56%	
Target Compounds						
16) Acetone	4.12	43	21515	96.778	ug/l	92
17) Carbon Disulfide	4.38	76	4071	1.226	ug/l #	90
95) Naphthalene	15.37	128	15081	6.364	ug/l	95

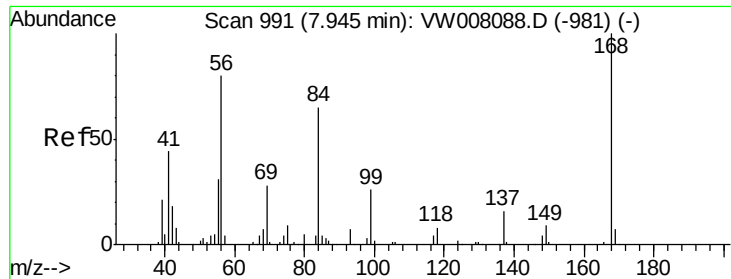
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW008312.D

Acq: 16 Jan 2019 16:56

Instrument :

MSVOA_W

ClientSampleId :

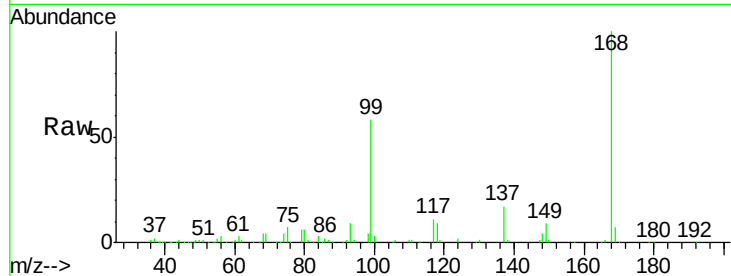
VOC-5

Tot Ion:168 Resp: 97045

Ion Ratio Lower Upper

168 100

99 58.5 52.6 78.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

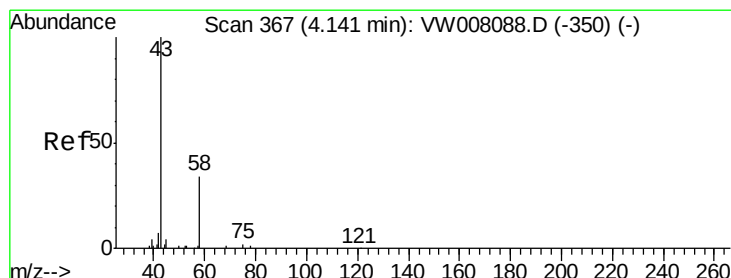
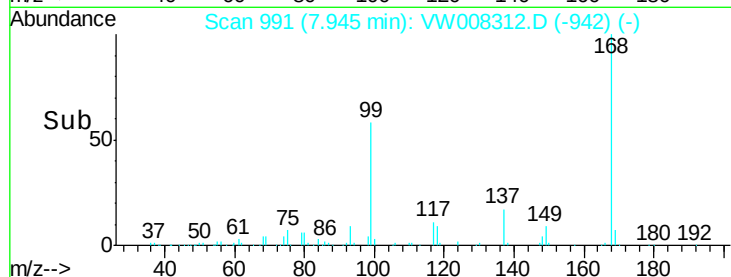
20000

10000

0

7.90 8.00

Time-->



#16

Acetone

Concen: 96.778 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.02 min

Lab File: VW008312.D

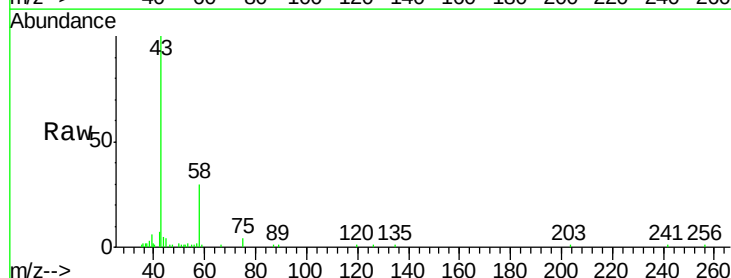
Acq: 16 Jan 2019 16:56

Tgt Ion: 43 Resp: 21515

Ion Ratio Lower Upper

43 100

58 29.5 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

8000

6000

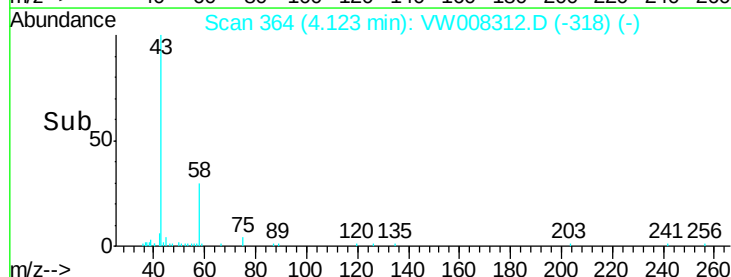
4000

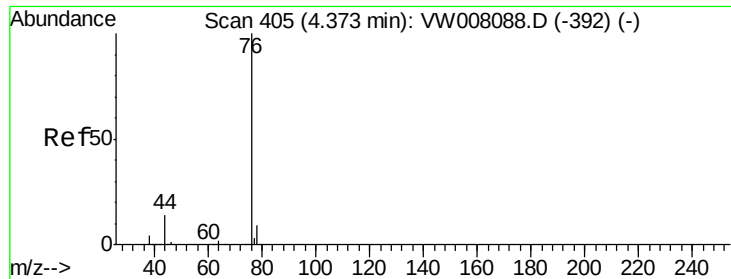
2000

0

4.00 4.10 4.20

Time-->





#17

Carbon Disulfide

Concen: 1.226 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW008312.D

Acq: 16 Jan 2019 16:56

Instrument :

MSVOA_W

ClientSampled :

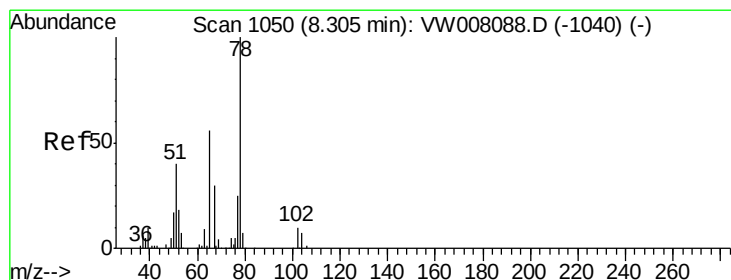
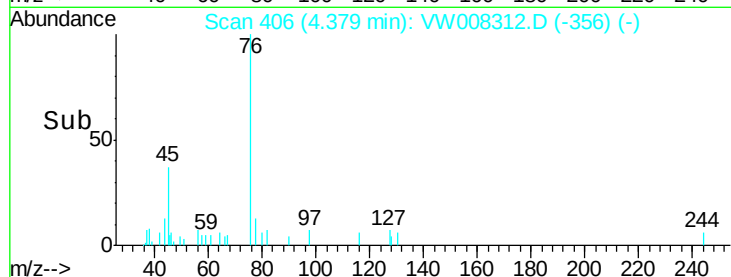
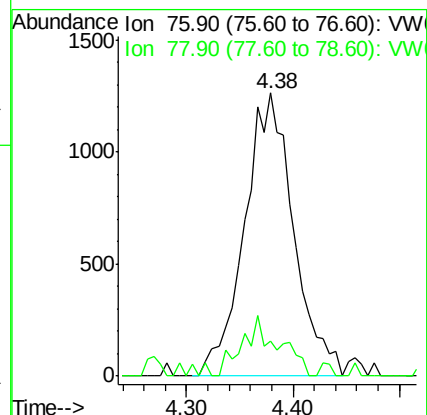
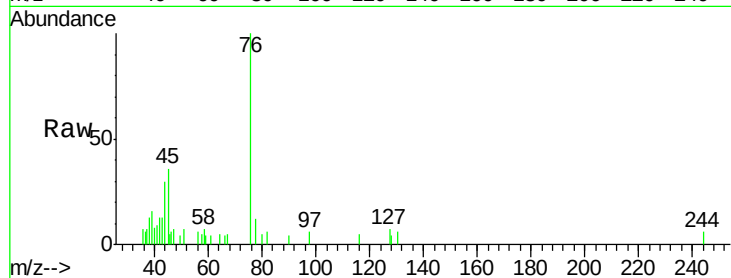
VOC-5

Tot Ion: 76 Resp: 4071

Ion Ratio Lower Upper

76 100

78 12.4 7.0 10.6#



#33

1,2-Dichloroethane-d4

Concen: 51.659 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW008312.D

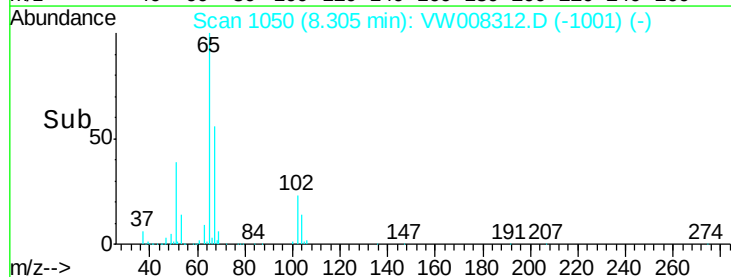
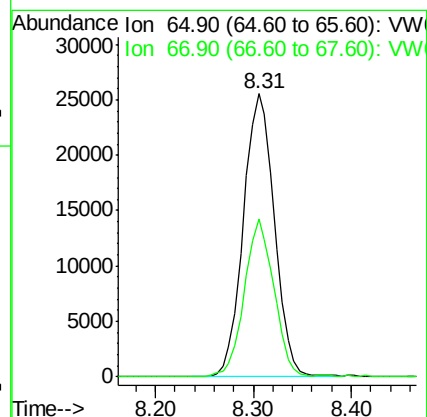
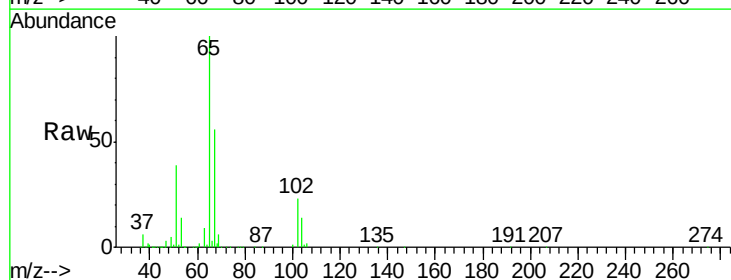
Acq: 16 Jan 2019 16:56

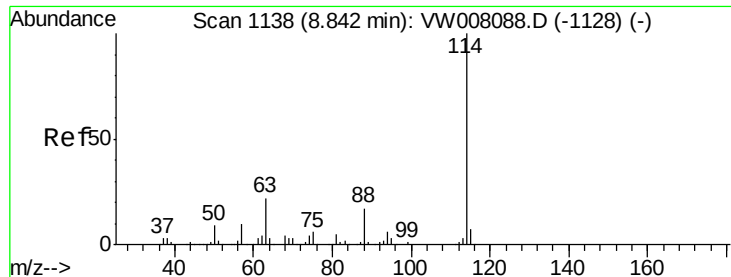
Tgt Ion: 65 Resp: 56344

Ion Ratio Lower Upper

65 100

67 53.0 0.0 106.8

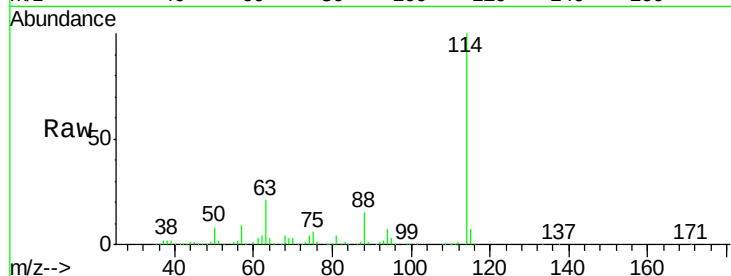




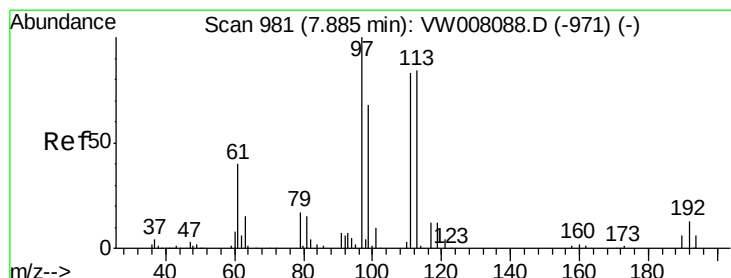
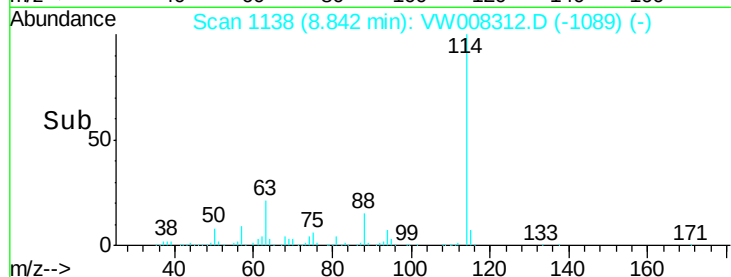
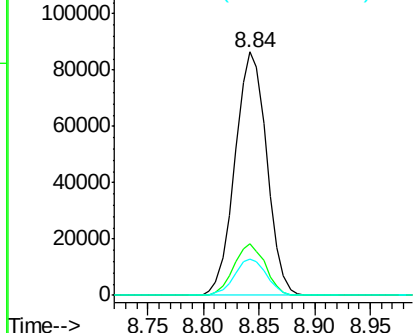
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008312.D
 Acq: 16 Jan 2019 16:56

Instrument :
 MSVOA_W
 ClientSampleId :
 VOC-5

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	43.4
88	14.9	0.0	33.4

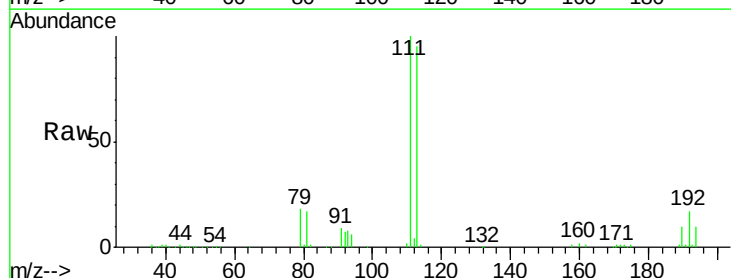


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

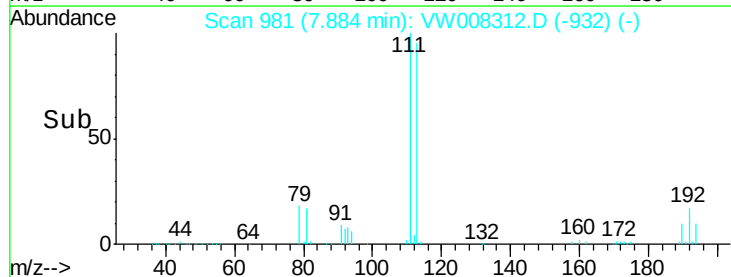
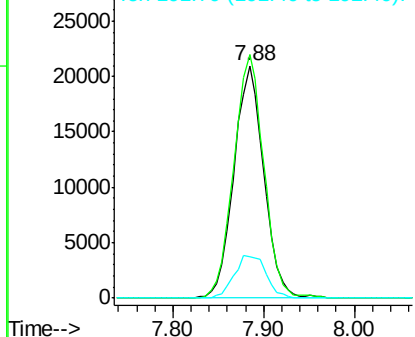


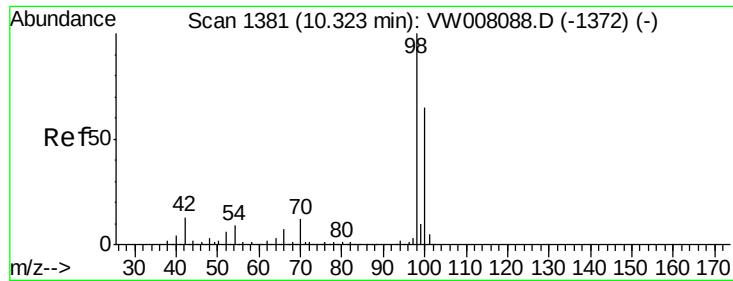
#35
 Dibromofluoromethane
 Concen: 48.067 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW008312.D
 Acq: 16 Jan 2019 16:56

Tgt Ion	Ratio	Lower	Upper
113	100		
111	105.3	81.8	122.8
192	19.6	12.8	19.2#



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

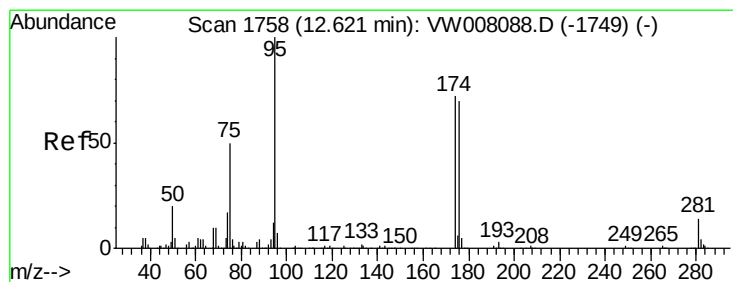
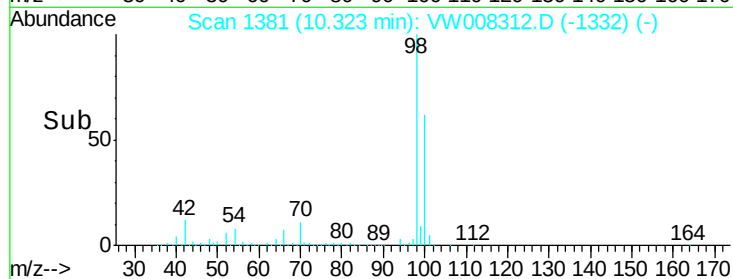
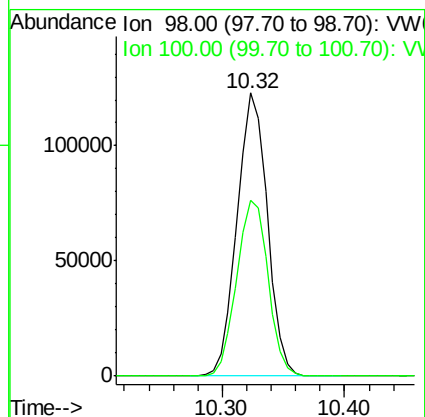
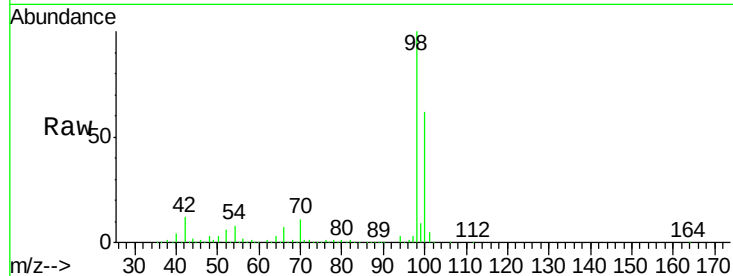




#50
Toluene-d8
Concen: 50.537 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW008312.D
Acq: 16 Jan 2019 16:56

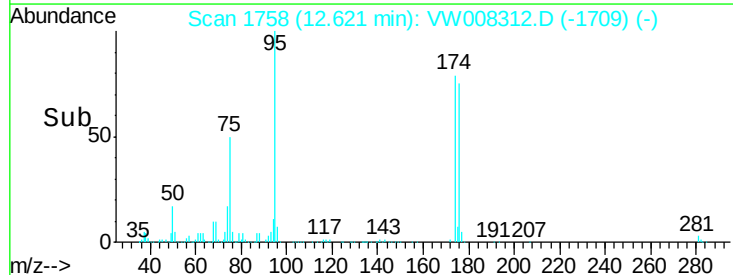
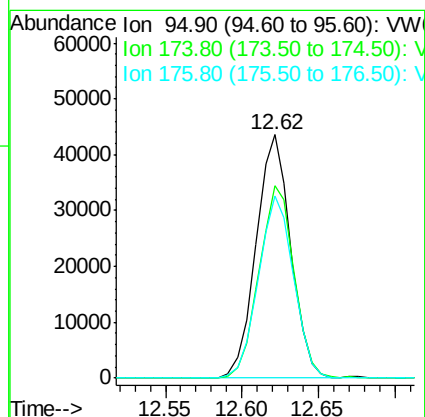
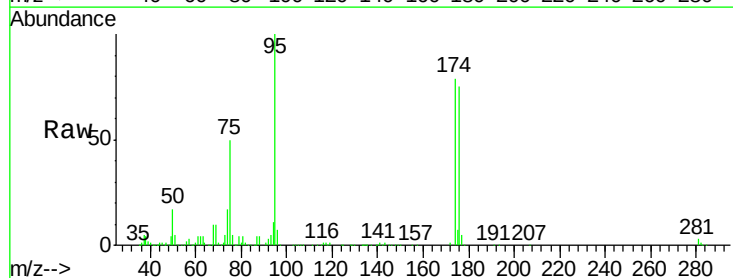
Instrument :
MSVOA_W
ClientSampled :
VOC-5

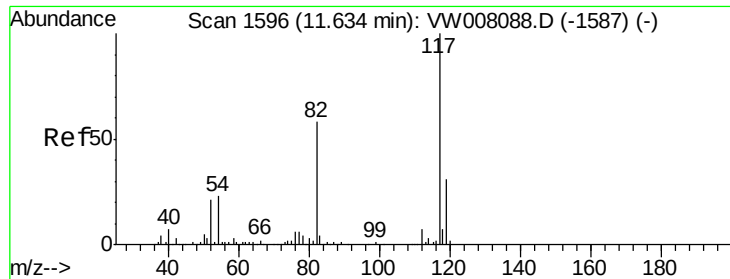
Tot Ion: 98 Resp: 211188
Ion Ratio Lower Upper
98 100
100 64.2 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 45.785 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW008312.D
Acq: 16 Jan 2019 16:56

Tgt Ion: 95 Resp: 68591
Ion Ratio Lower Upper
95 100
174 80.2 0.0 143.0
176 76.3 0.0 140.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW008312.D

Acq: 16 Jan 2019 16:56

Instrument :

MSVOA_W

ClientSampleId :

VOC-5

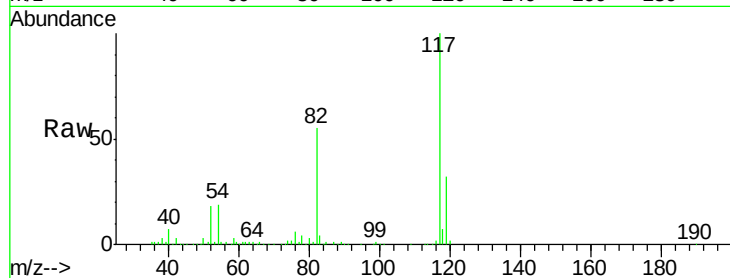
Tot Ion:117 Resp: 152408

Ion Ratio Lower Upper

117 100

82 54.9 46.4 69.6

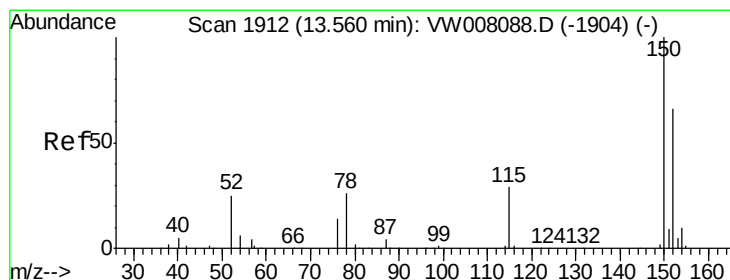
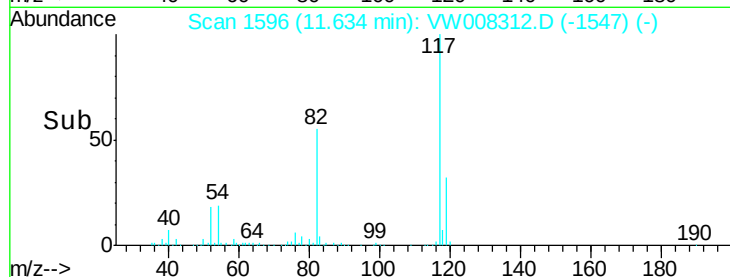
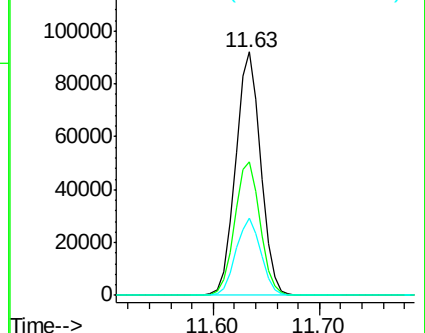
119 31.6 24.7 37.1



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: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW008312.D

Acq: 16 Jan 2019 16:56

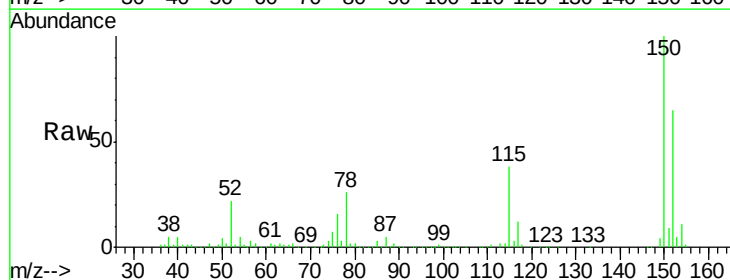
Tgt Ion:152 Resp: 64633

Ion Ratio Lower Upper

152 100

115 59.3 30.8 92.4

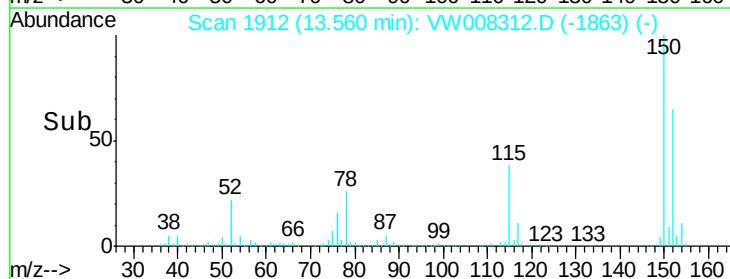
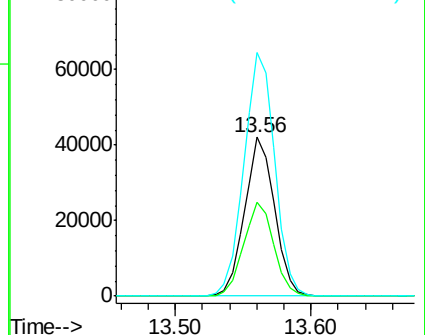
150 157.7 0.0 350.2

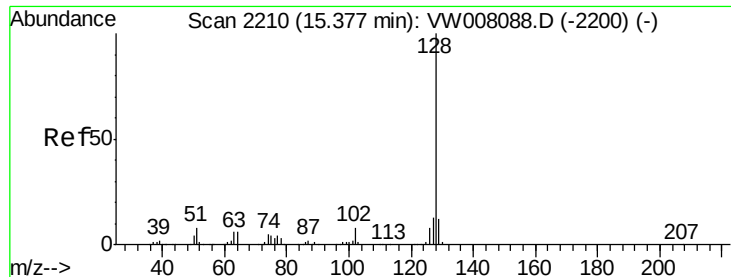


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

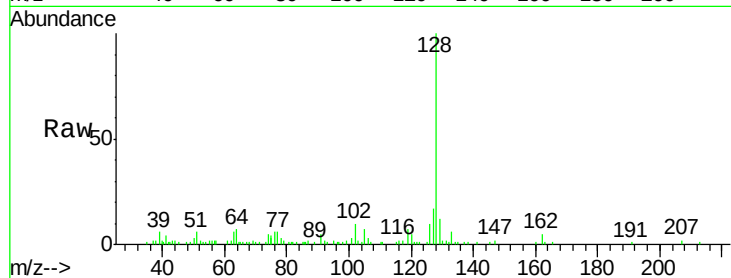




#95
Naphthalene
Concen: 6.364 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.01 min
Lab File: VW008312.D
Acq: 16 Jan 2019 16:56

Instrument :
MSVOA_W
ClientSampleId :
VOC-5

Tot Ion	Ratio	Lower	Upper
128	100		
127	16.3	11.0	16.4
129	10.3	9.0	13.6



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

