

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052319\
 Data File : VW010539.D
 Acq On : 23 May 2019 19:27
 Operator : SY/VA
 Sample : K3026-14
 Misc : 3.62G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-3-S2

Quant Time: May 24 09:17:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 06:38:43 2019
 Response via : Initial Calibration

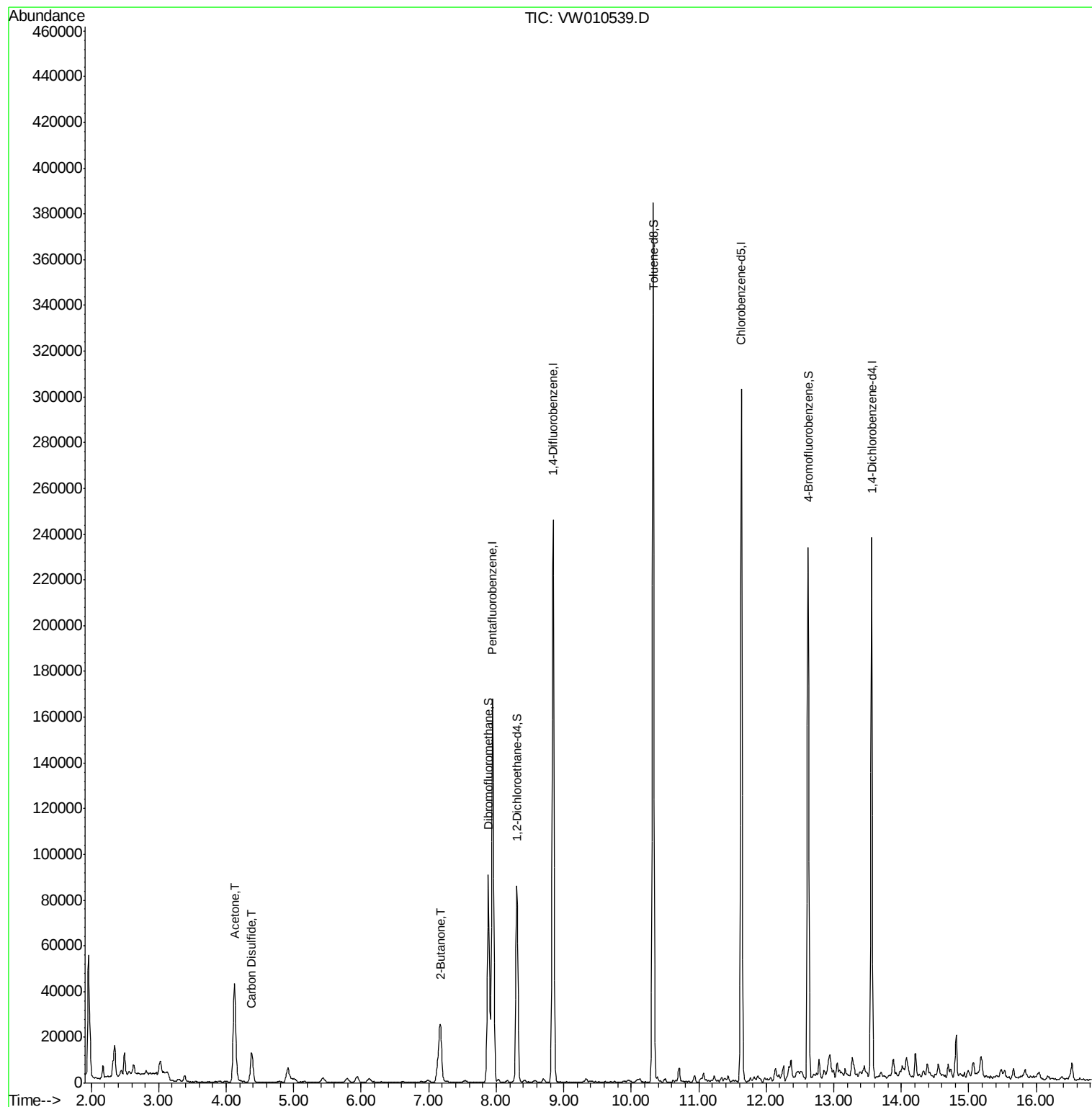
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	122743	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	220940	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	177723	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	60356	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	67018	52.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.80%	
35) Dibromofluoromethane	7.88	113	66052	49.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.54%	
50) Toluene-d8	10.32	98	263336	51.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.84%	
62) 4-Bromofluorobenzene	12.62	95	82166	40.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.56%	
Target Compounds						
16) Acetone	4.12	43	74690	288.818	ug/l	99
17) Carbon Disulfide	4.38	76	26125	6.756	ug/l	99
25) 2-Butanone	7.17	43	38479	103.972	ug/l	98

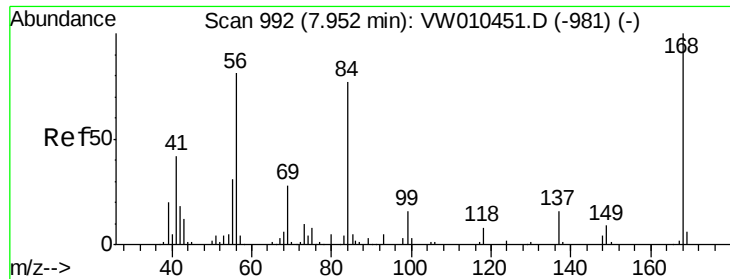
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW052319\
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Quant Time: May 24 09:17:31 2019
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Quant Title : SW846 8260
QLast Update : Tue May 21 06:38:43 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW010539.D

Acq: 23 May 2019 19:27

Instrument :

MSVOA_W

ClientSampleId :

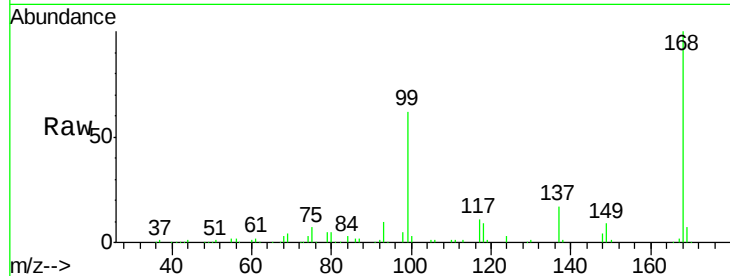
TP-3-S2

Tot Ion:168 Resp: 122743

Ion Ratio Lower Upper

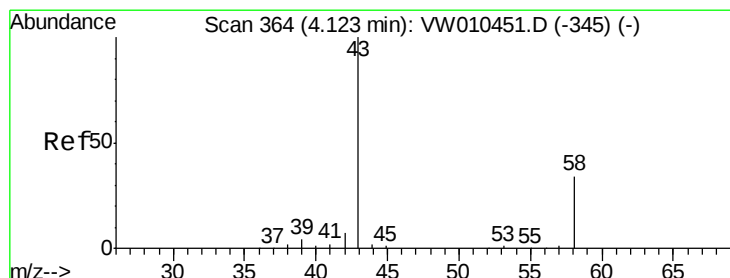
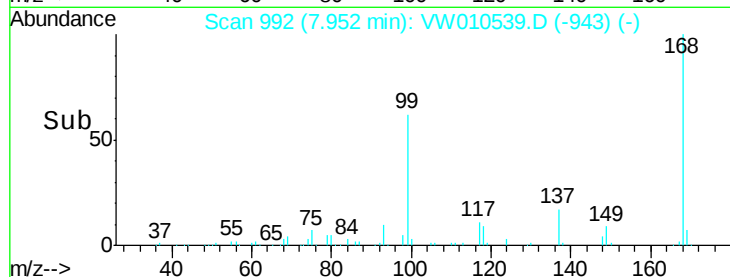
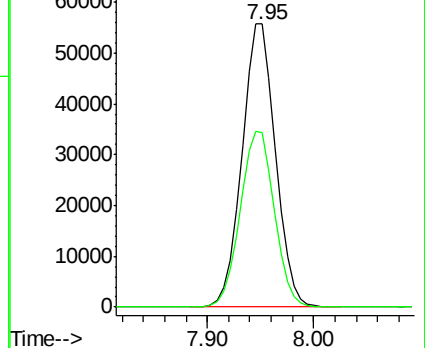
168 100

99 61.7 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 288.818 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW010539.D

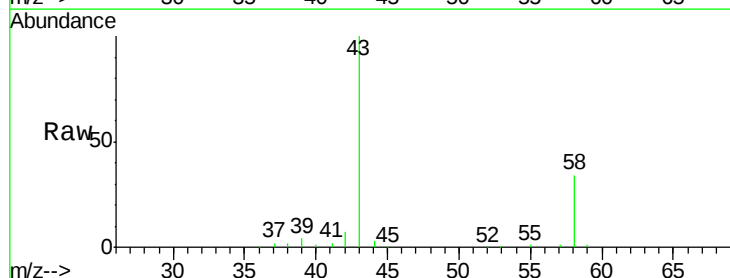
Acq: 23 May 2019 19:27

Tgt Ion: 43 Resp: 74690

Ion Ratio Lower Upper

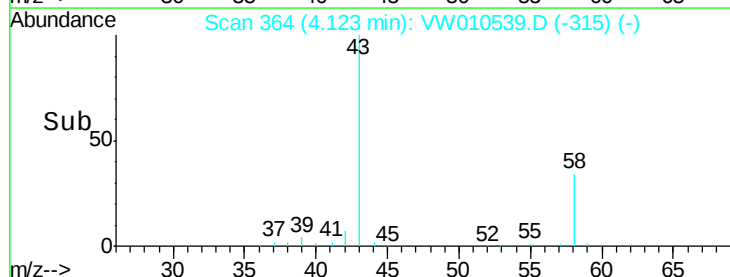
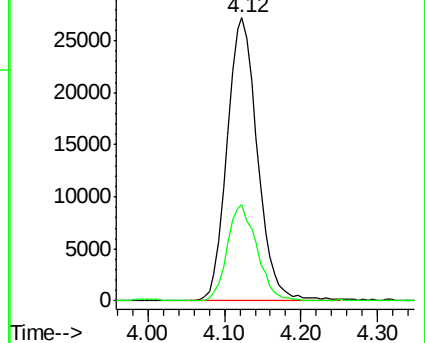
43 100

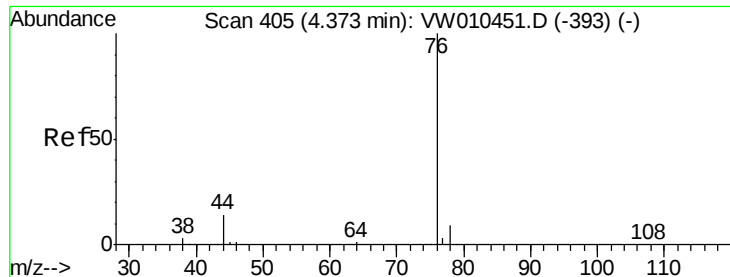
58 34.0 27.0 40.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 6.756 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW010539.D

Acq: 23 May 2019 19:27

Instrument :

MSVOA_W

ClientSampled :

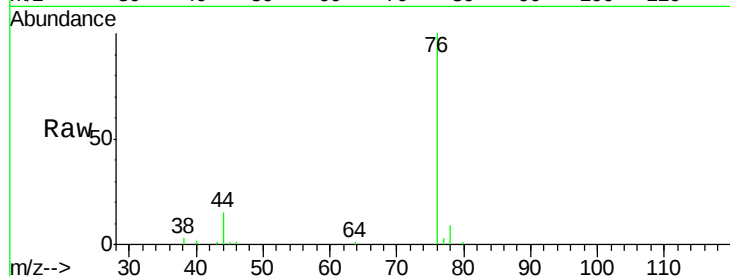
TP-3-S2

Tot Ion: 76 Resp: 26125

Ion Ratio Lower Upper

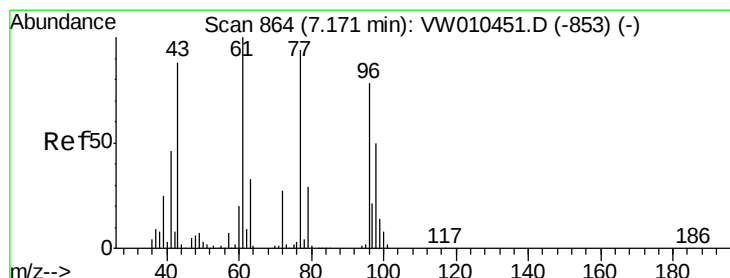
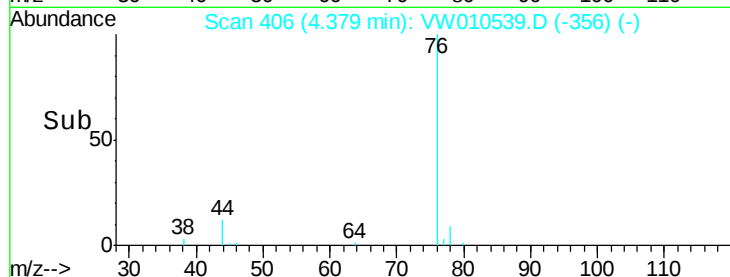
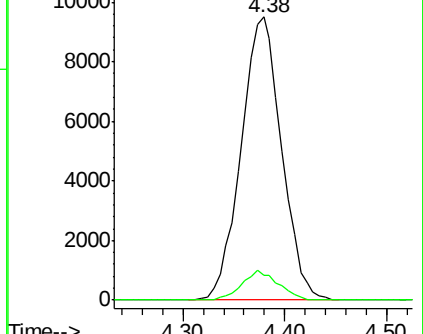
76 100

78 8.7 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#25

2-Butanone

Concen: 103.972 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW010539.D

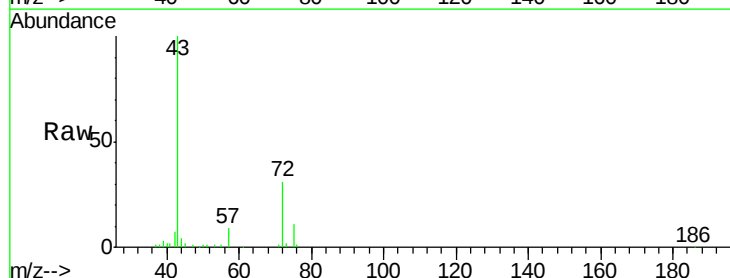
Acq: 23 May 2019 19:27

Tgt Ion: 43 Resp: 38479

Ion Ratio Lower Upper

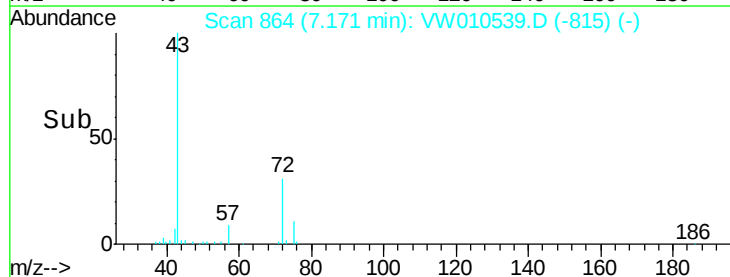
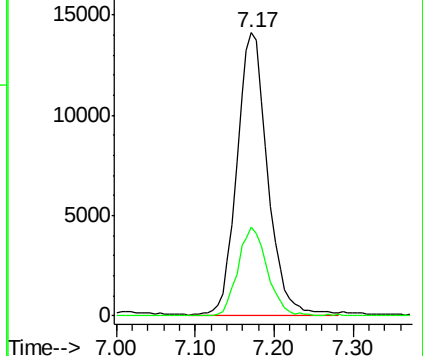
43 100

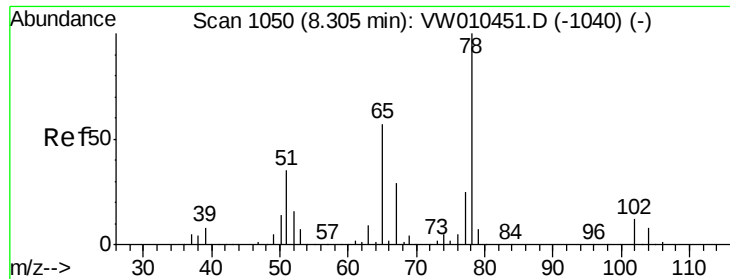
72 31.4 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

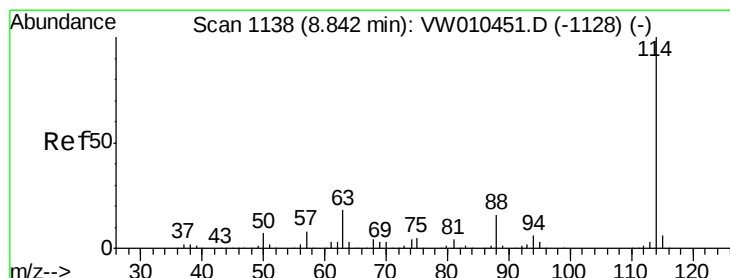
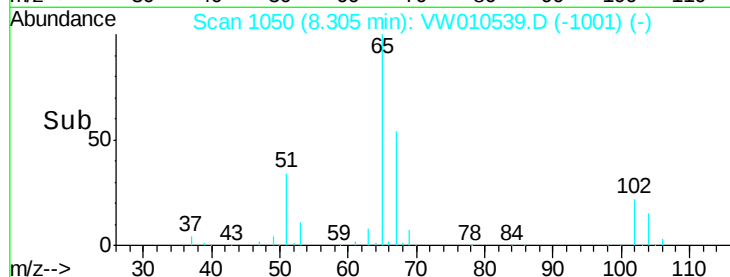
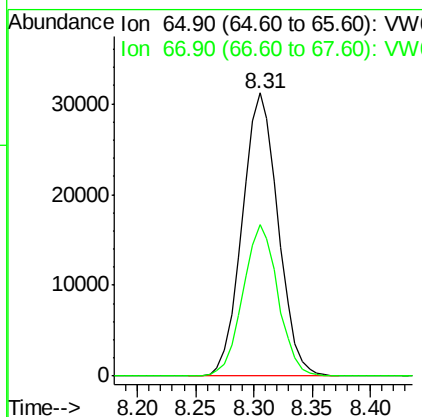
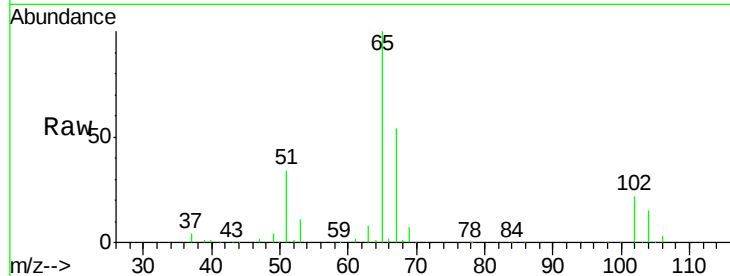




#33
 1,2-Dichloroethane-d4
 Concen: 52.899 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW010539.D
 Acq: 23 May 2019 19:27

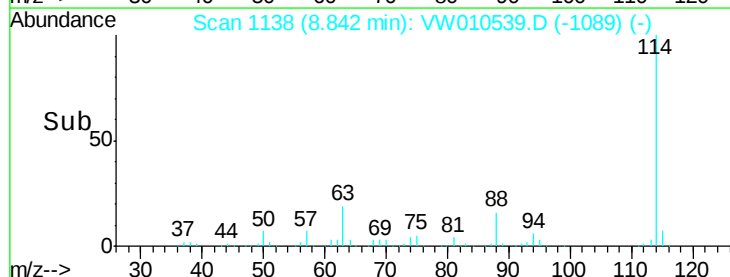
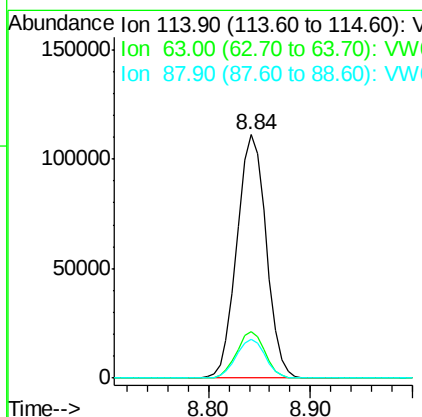
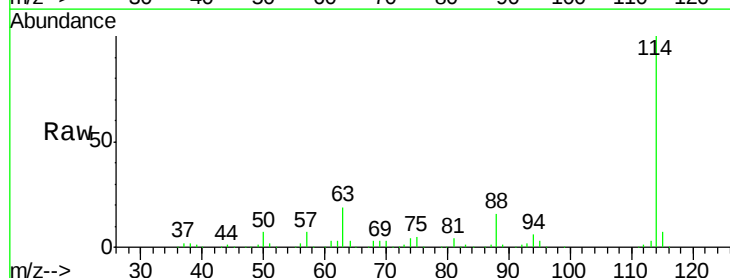
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-3-S2

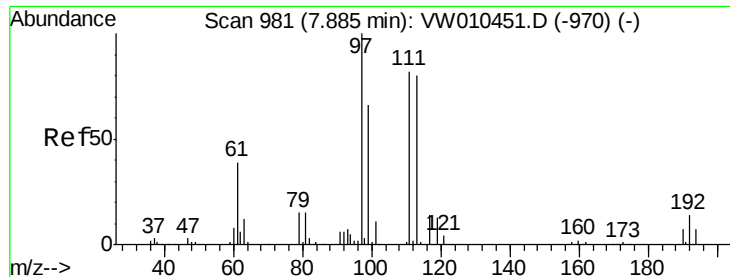
Tot Ion: 65 Resp: 67018
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010539.D
 Acq: 23 May 2019 19:27

Tgt Ion: 114 Resp: 220940
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 36.0
 88 15.9 0.0 32.0

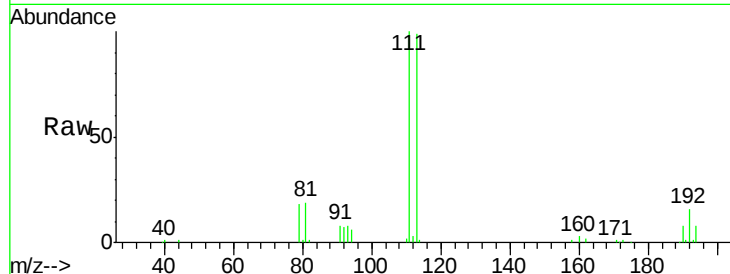




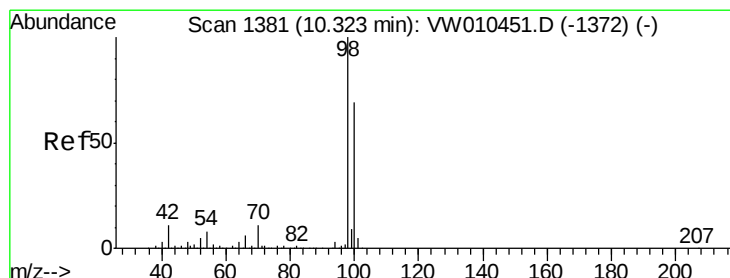
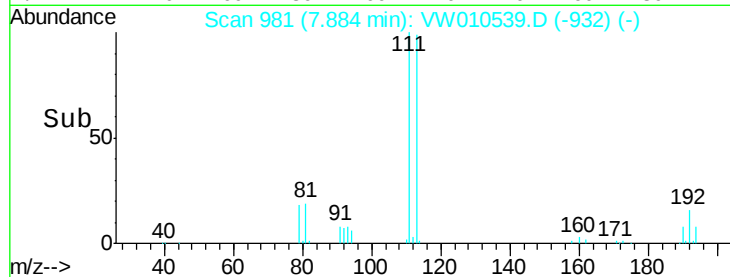
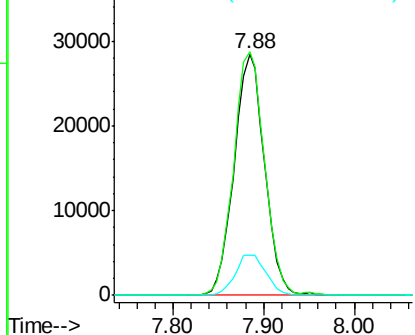
#35
 Dibromofluoromethane
 Concen: 49.270 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW010539.D
 Acq: 23 May 2019 19:27

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-3-S2

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.2	123.4
192	17.0	14.3	21.5

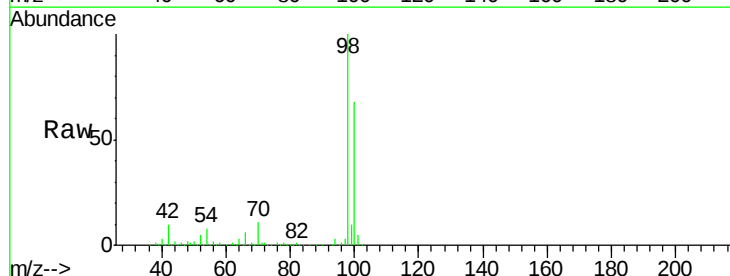


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

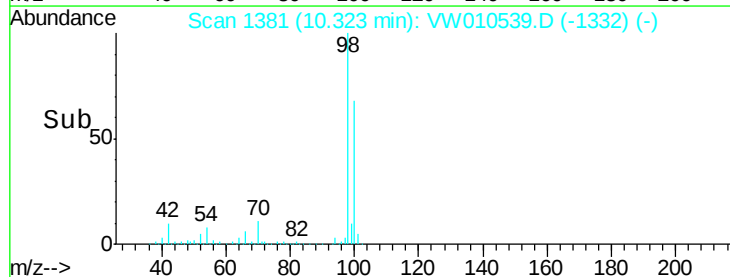
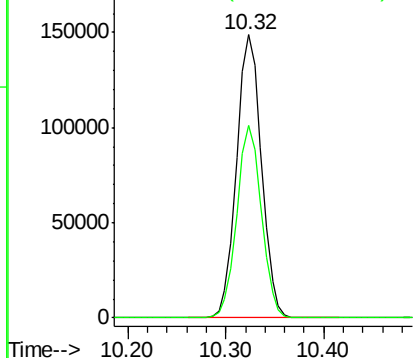


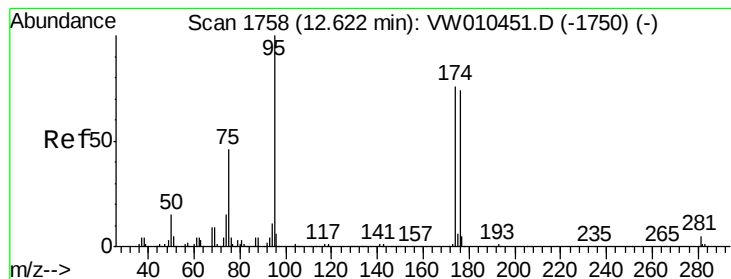
#50
 Toluene-d8
 Concen: 51.418 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW010539.D
 Acq: 23 May 2019 19:27

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.1	53.7	80.5



Abundance Ion 98.00 (97.70 to 98.70): VW
 Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 40.278 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010539.D

Acq: 23 May 2019 19:27

Instrument :

MSVOA_W

ClientSampleId :

TP-3-S2

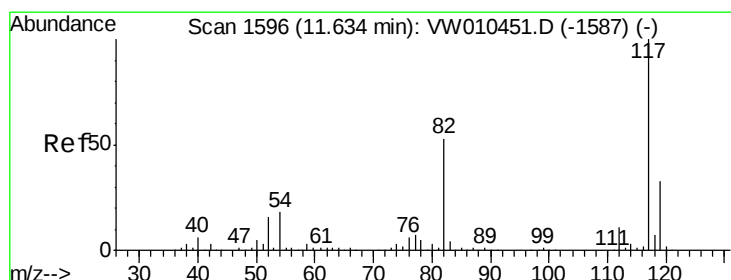
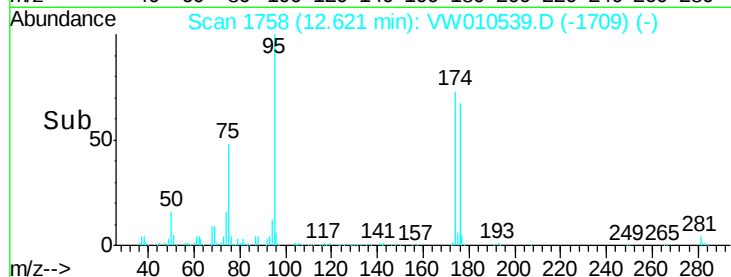
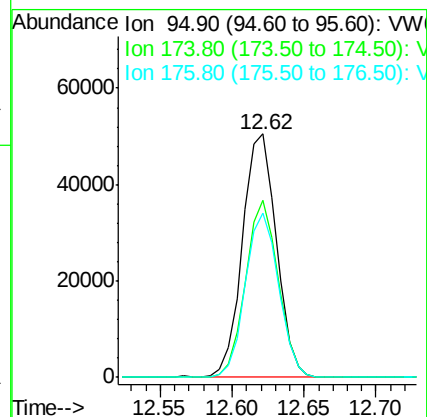
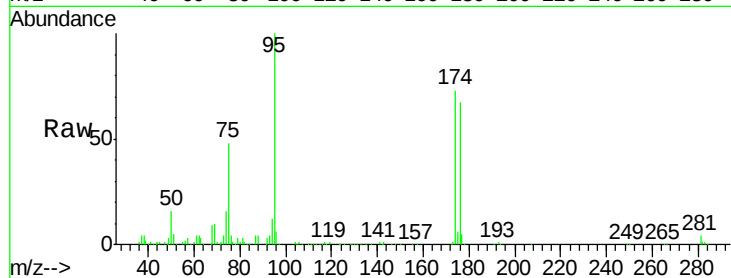
Tot Ion: 95 Resp: 82166

Ion Ratio Lower Upper

95 100

174 70.2 0.0 148.6

176 66.5 0.0 144.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW010539.D

Acq: 23 May 2019 19:27

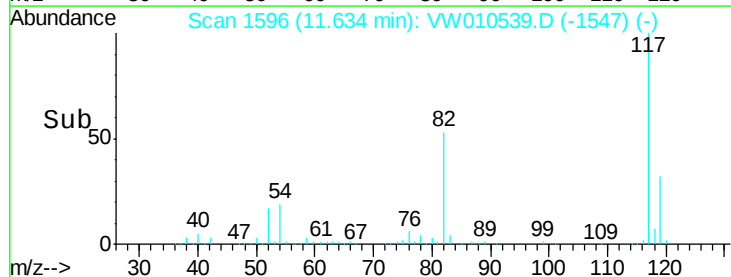
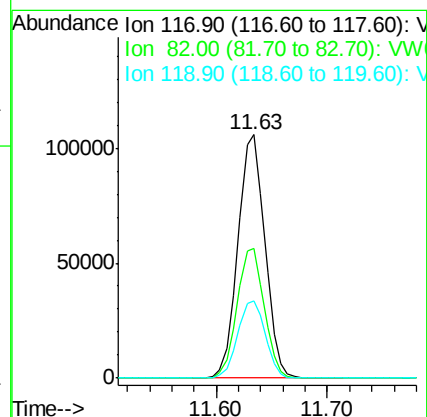
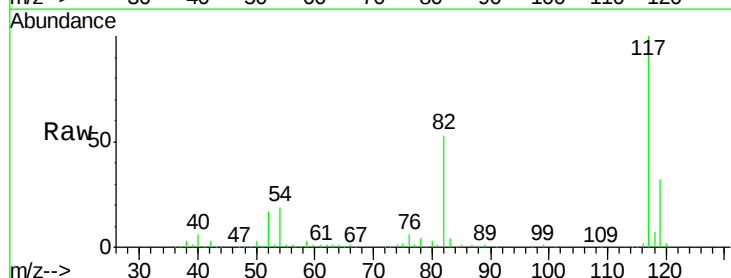
Tgt Ion: 117 Resp: 177723

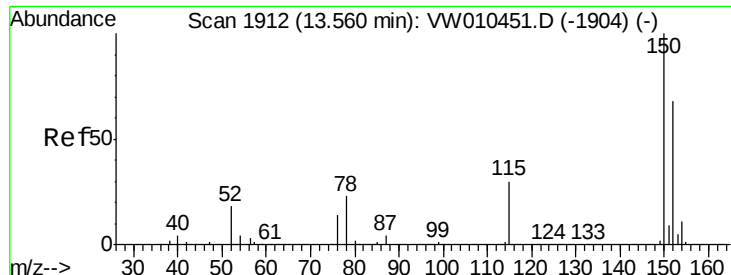
Ion Ratio Lower Upper

117 100

82 53.2 42.8 64.2

119 31.9 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW010539.D

Acq: 23 May 2019 19:27

Instrument :

MSVOA_W

ClientSampleId :

TP-3-S2

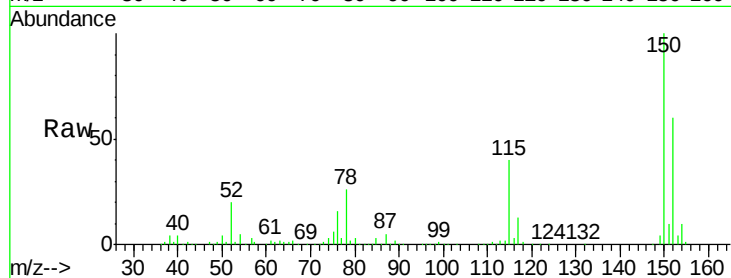
Tot Ion:152 Resp: 60356

Ion Ratio Lower Upper

152 100

115 64.8 30.3 91.0

150 160.4 0.0 349.8



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

