

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061919\
 Data File : VW010874.D
 Acq On : 20 Jun 2019 04:28
 Operator : SY/VA
 Sample : K3447-02
 Misc : 5.09G/5ML/MSVOA W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BOTTOM-2

Quant Time: Jun 20 07:24:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 05 03:21:19 2019
 Response via : Initial Calibration

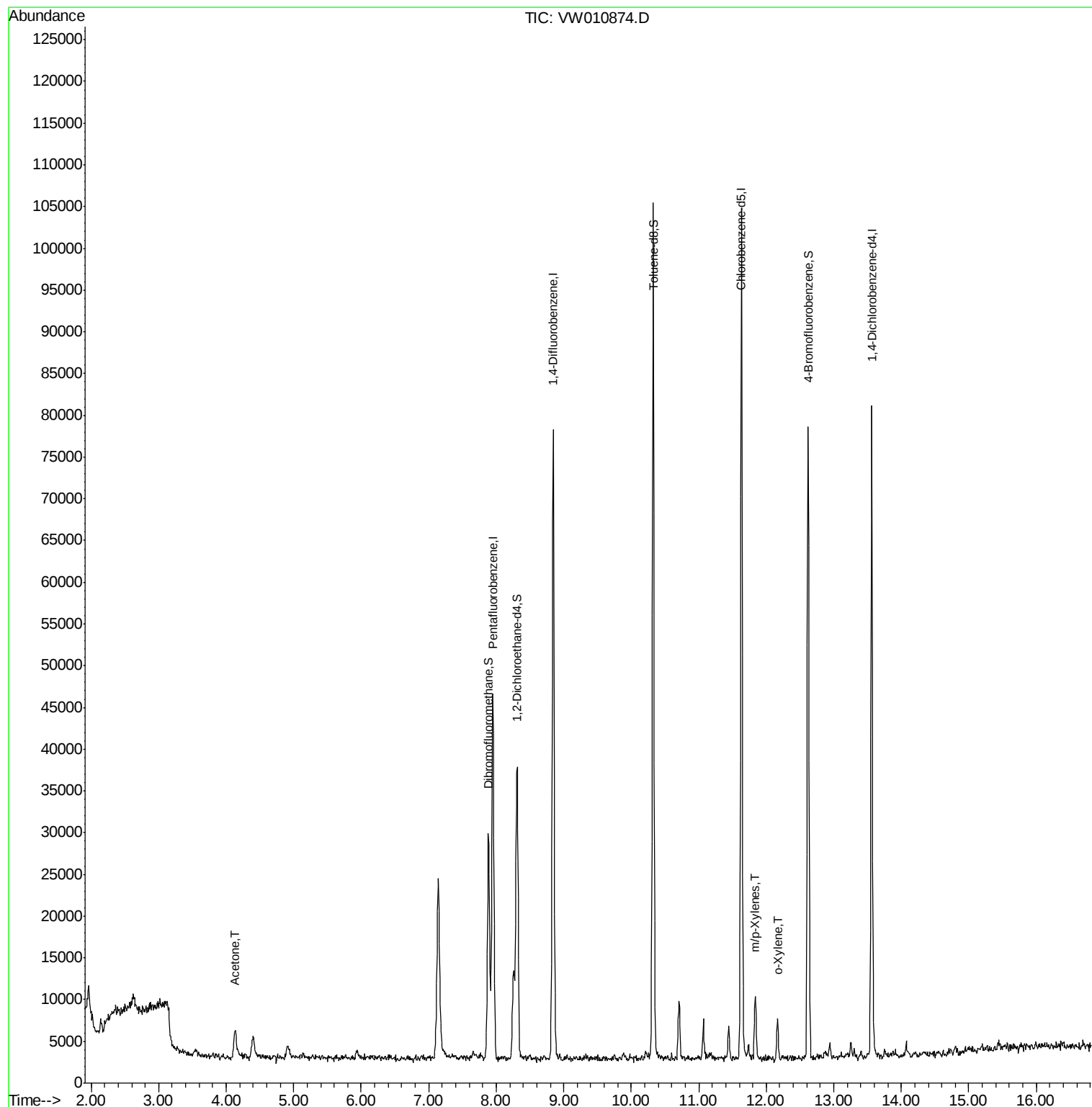
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	30995	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	58713	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	52605	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	18038	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	29254	80.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	160.16%	
35) Dibromofluoromethane	7.88	113	19158	60.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.24%	
50) Toluene-d8	10.32	98	64463	46.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.26%	
62) 4-Bromofluorobenzene	12.62	95	23917	47.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.06%	
Target Compounds						
16) Acetone	4.13	43	6638	67.811	ug/l	99
68) m/p-Xylenes	11.84	106	2093	2.941	ug/l	92
69) o-Xylene	12.16	106	1169	1.732	ug/l	94

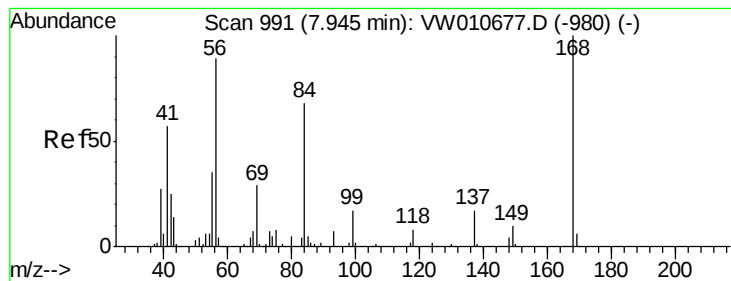
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW010874.D

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Instrument :

MSVOA_W

ClientSampleId :

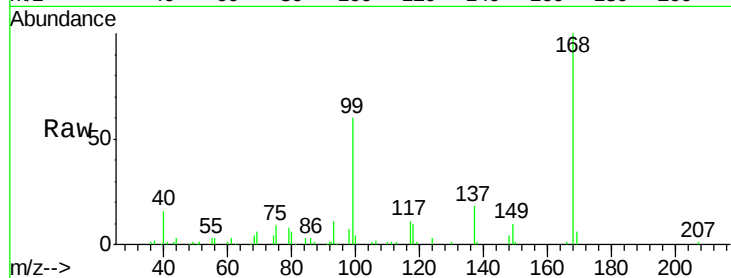
BOTTOM-2

Tot Ion:168 Resp: 30995

Ion Ratio Lower Upper

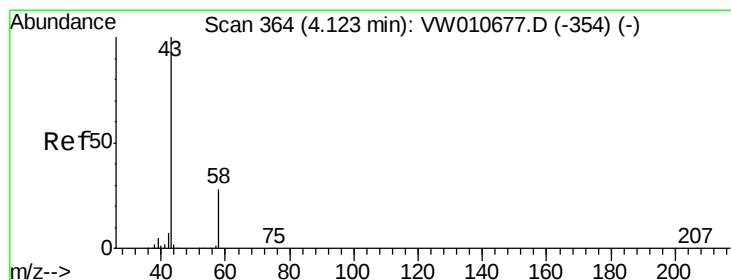
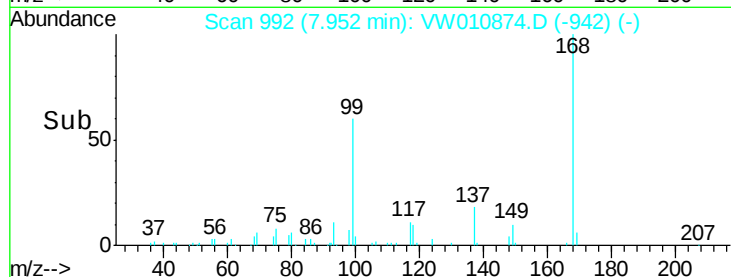
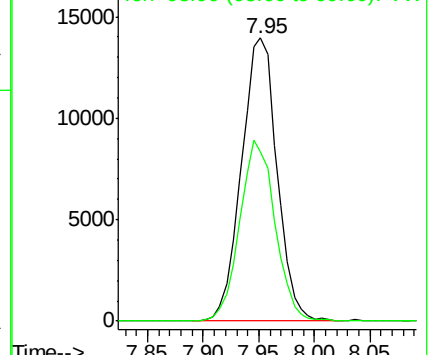
168 100

99 60.1 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 67.811 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW010874.D

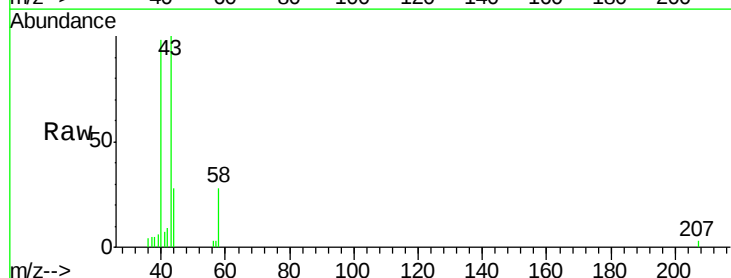
Acq: 20 Jun 2019 04:28

Tgt Ion: 43 Resp: 6638

Ion Ratio Lower Upper

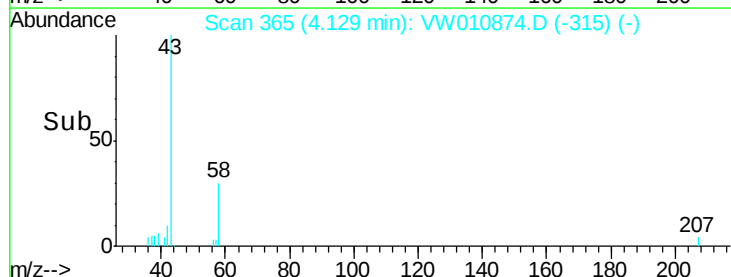
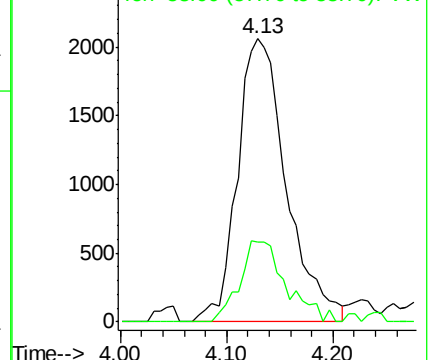
43 100

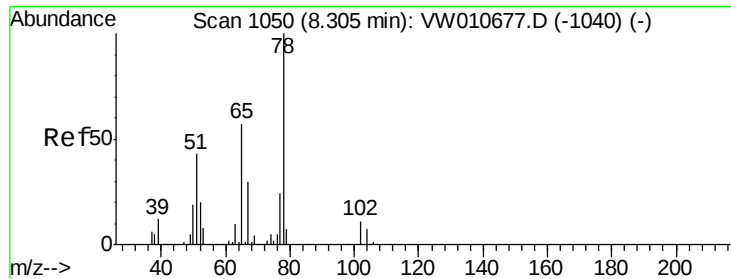
58 28.3 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#33

1,2-Dichloroethane-d4

Concen: 80.076 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.01 min

Lab File: VW010874.D

Acq: 20 Jun 2019 04:28

Instrument :

MSVOA_W

ClientSampled :

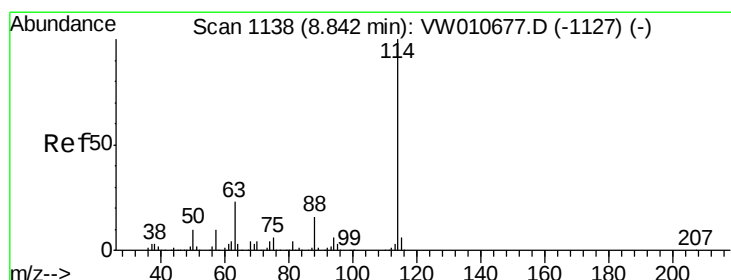
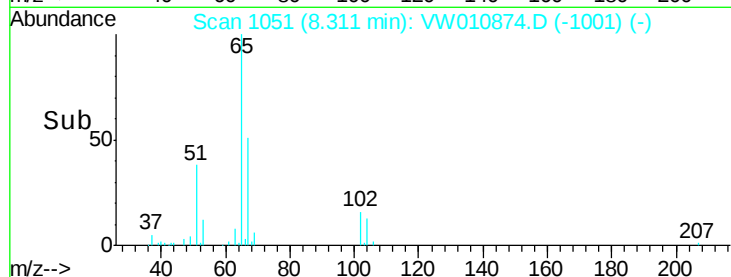
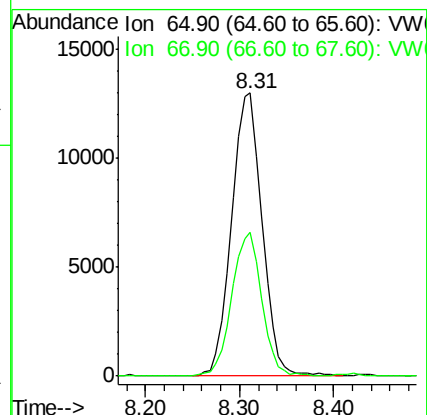
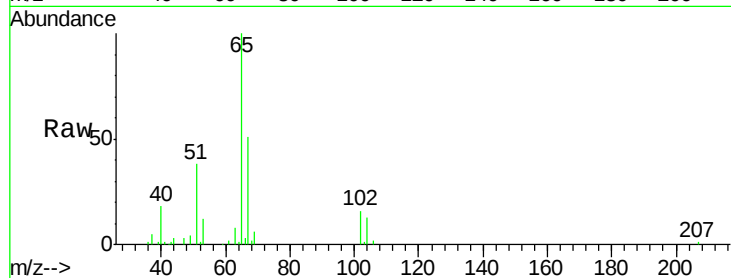
BOTTOM-2

Tot Ion: 65 Resp: 29254

Ion Ratio Lower Upper

65 100

67 49.7 0.0 102.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW010874.D

Acq: 20 Jun 2019 04:28

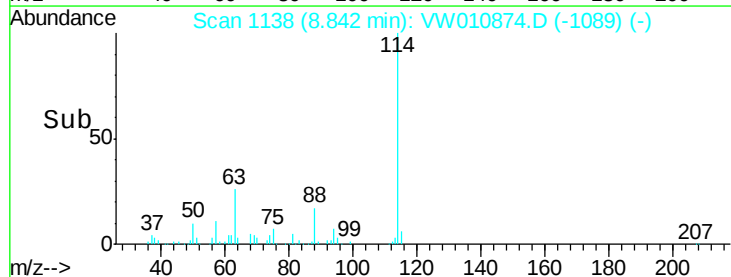
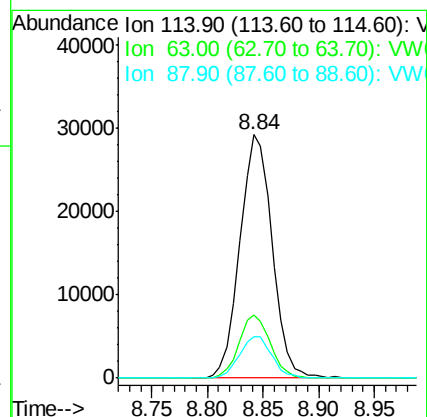
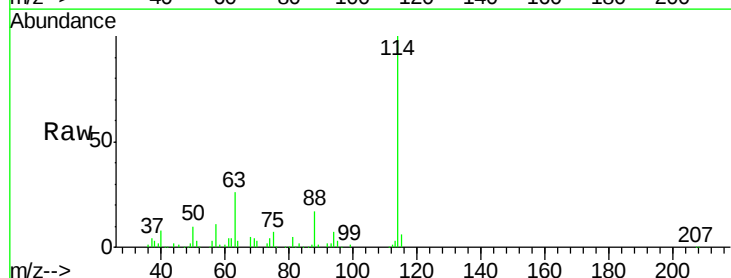
Tgt Ion: 114 Resp: 58713

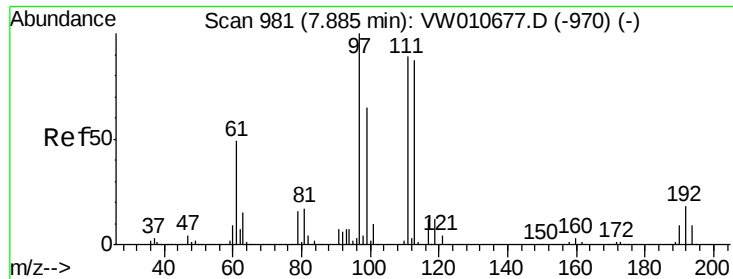
Ion Ratio Lower Upper

114 100

63 26.0 0.0 46.4

88 17.0 0.0 32.2

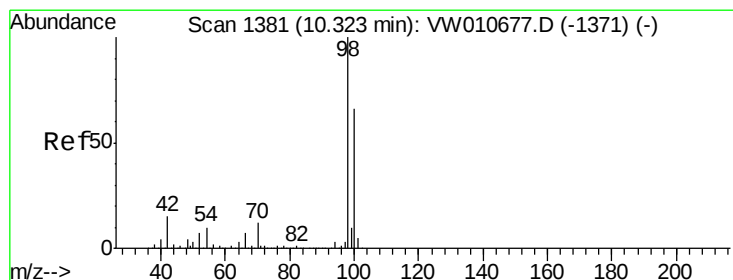
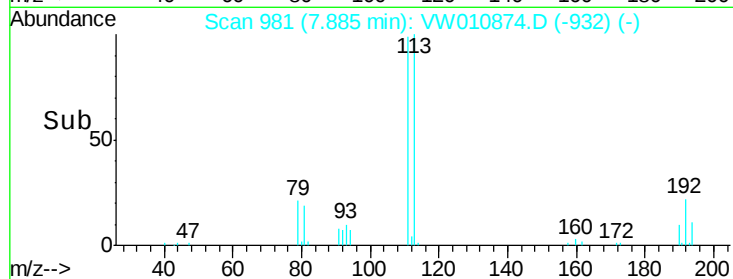
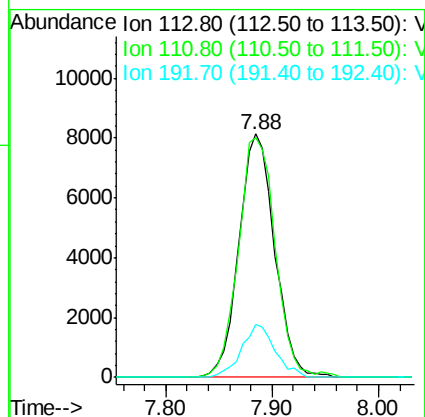
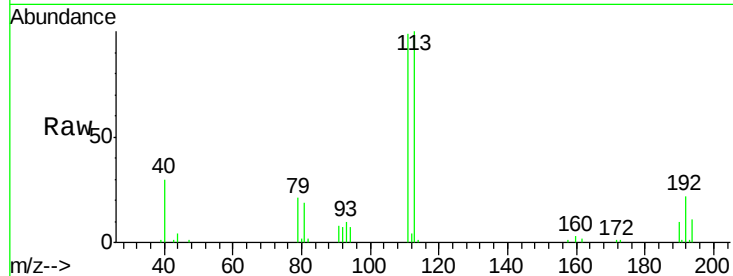




#35
 Dibromofluoromethane
 Concen: 60.116 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW010874.D
 Acq: 20 Jun 2019 04:28

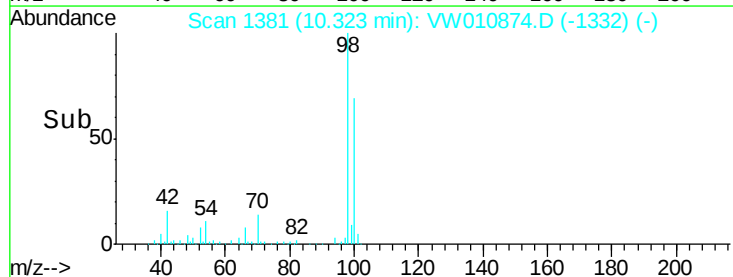
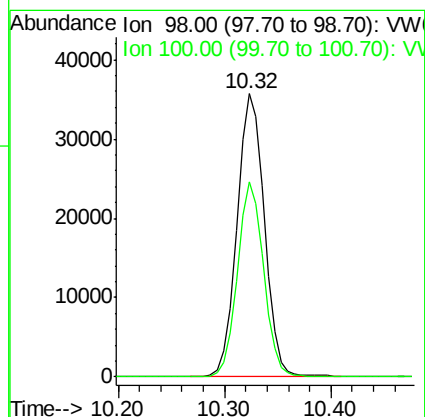
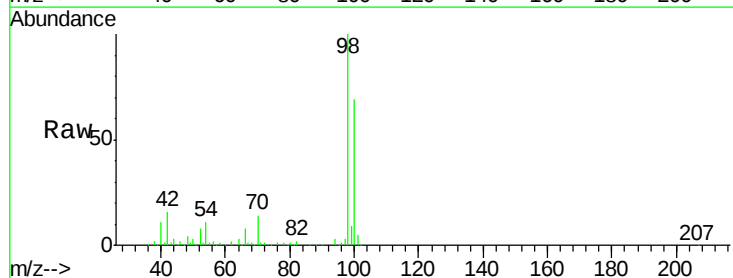
Instrument :
 MSVOA_W
 ClientSampleId :
 BOTTOM-2

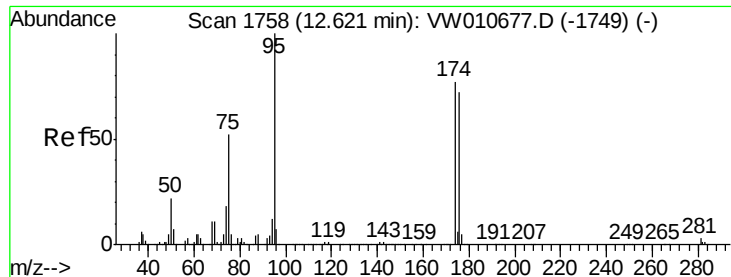
Tot Ion:113 Resp: 19158
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.6 123.8
 192 20.3 16.4 24.6



#50
 Toluene-d8
 Concen: 46.129 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VW010874.D
 Acq: 20 Jun 2019 04:28

Tgt Ion: 98 Resp: 64463
 Ion Ratio Lower Upper
 98 100
 100 66.1 53.0 79.6

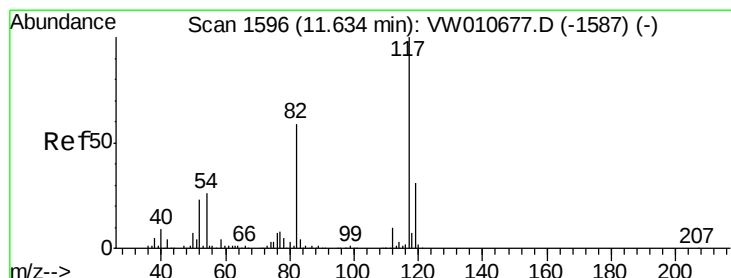
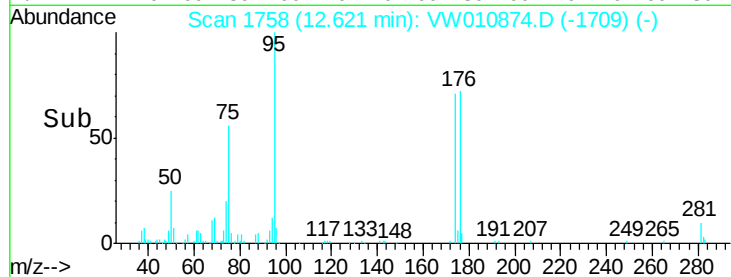
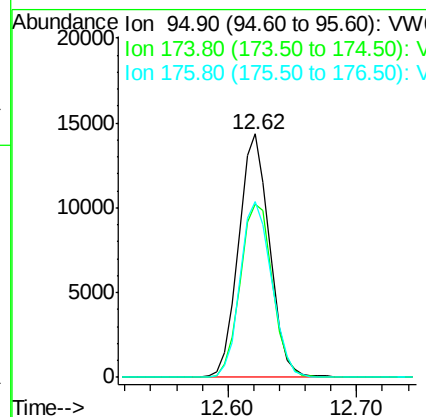
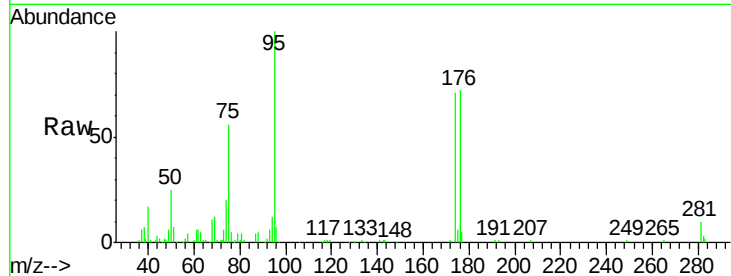




#62
4-Bromofluorobenzene
Concen: 47.033 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW010874.D
Acq: 20 Jun 2019 04:28

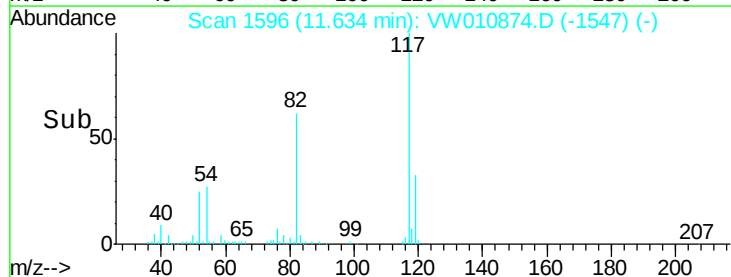
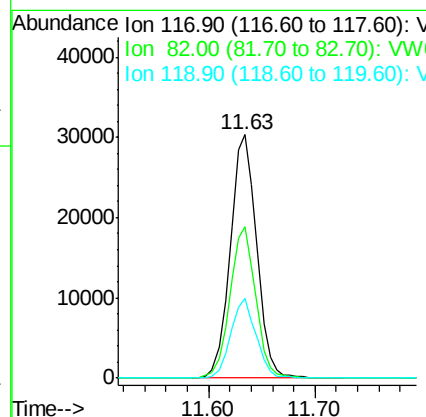
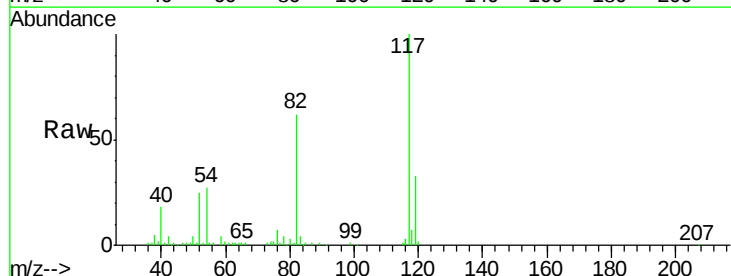
Instrument :
MSVOA_W
ClientSampleId :
BOTTOM-2

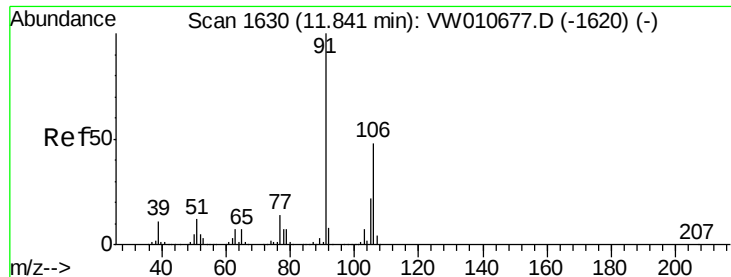
Tot Ion: 95 Resp: 23917
Ion Ratio Lower Upper
95 100
174 73.7 0.0 150.4
176 73.2 0.0 144.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW010874.D
Acq: 20 Jun 2019 04:28

Tgt Ion: 117 Resp: 52605
Ion Ratio Lower Upper
117 100
82 62.2 47.0 70.4
119 32.5 25.1 37.7





#68

m/p-Xylenes

Concen: 2.941 ug/l

RT: 11.84 min Scan# 1629

Delta R.T. -0.01 min

Lab File: VW010874.D

Acq: 20 Jun 2019 04:28

Instrument :

MSVOA_W

ClientSampled :

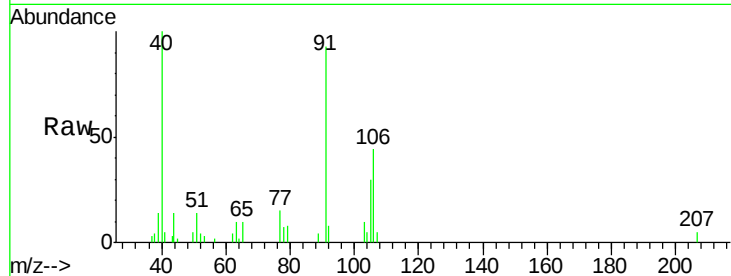
BOTTOM-2

Tot Ion:106 Resp: 2093

Ion Ratio Lower Upper

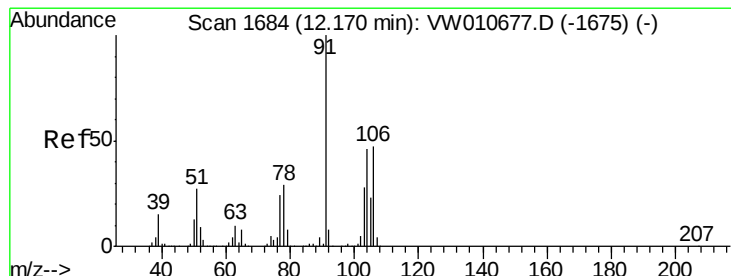
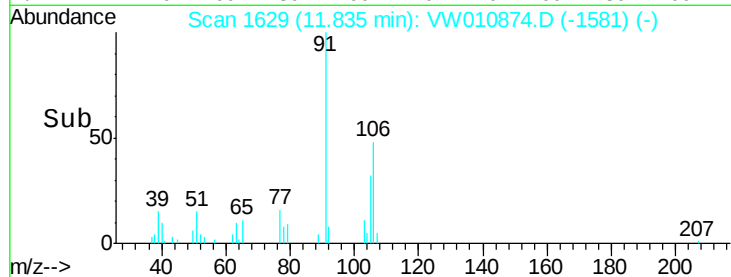
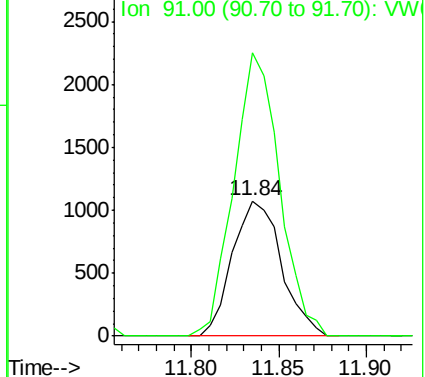
106 100

91 195.6 166.5 249.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#69

o-Xylene

Concen: 1.732 ug/l

RT: 12.16 min Scan# 1683

Delta R.T. -0.01 min

Lab File: VW010874.D

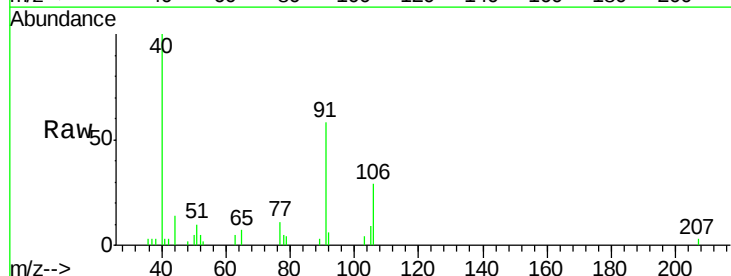
Acq: 20 Jun 2019 04:28

Tgt Ion:106 Resp: 1169

Ion Ratio Lower Upper

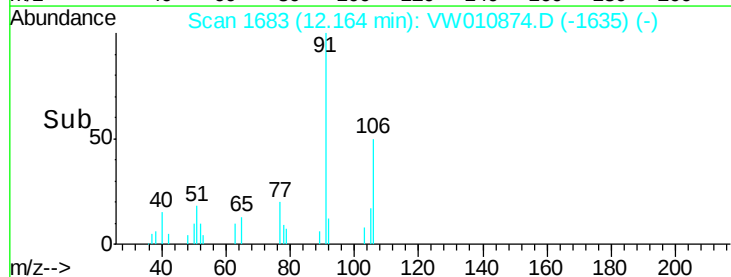
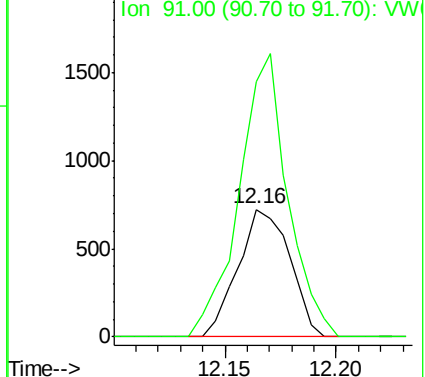
106 100

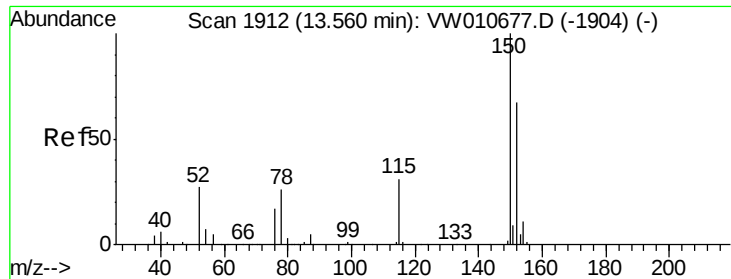
91 208.8 108.9 326.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW010874.D

Acq: 20 Jun 2019 04:28

Instrument :

MSVOA_W

ClientSampleId :

BOTTOM-2

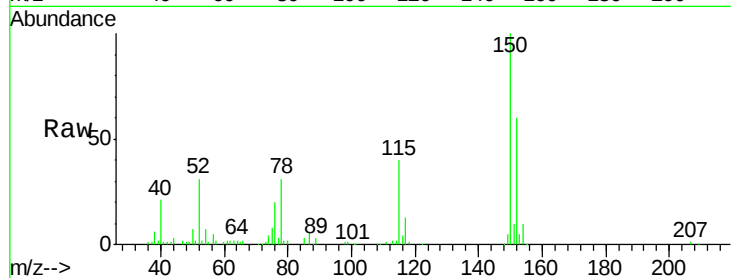
Tot Ion:152 Resp: 18038

Ion Ratio Lower Upper

152 100

115 66.3 29.8 89.3

150 168.1 0.0 345.0



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

