

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100719\
 Data File : VW013471.D
 Acq On : 07 Oct 2019 18:37
 Operator : SY/VA
 Sample : K5213-04
 Misc : 5.13G/5ML/MSVOA_W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 S-2(5-10)

Quant Time: Oct 18 07:00:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100119S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 11:49:57 2019
 Response via : Initial Calibration

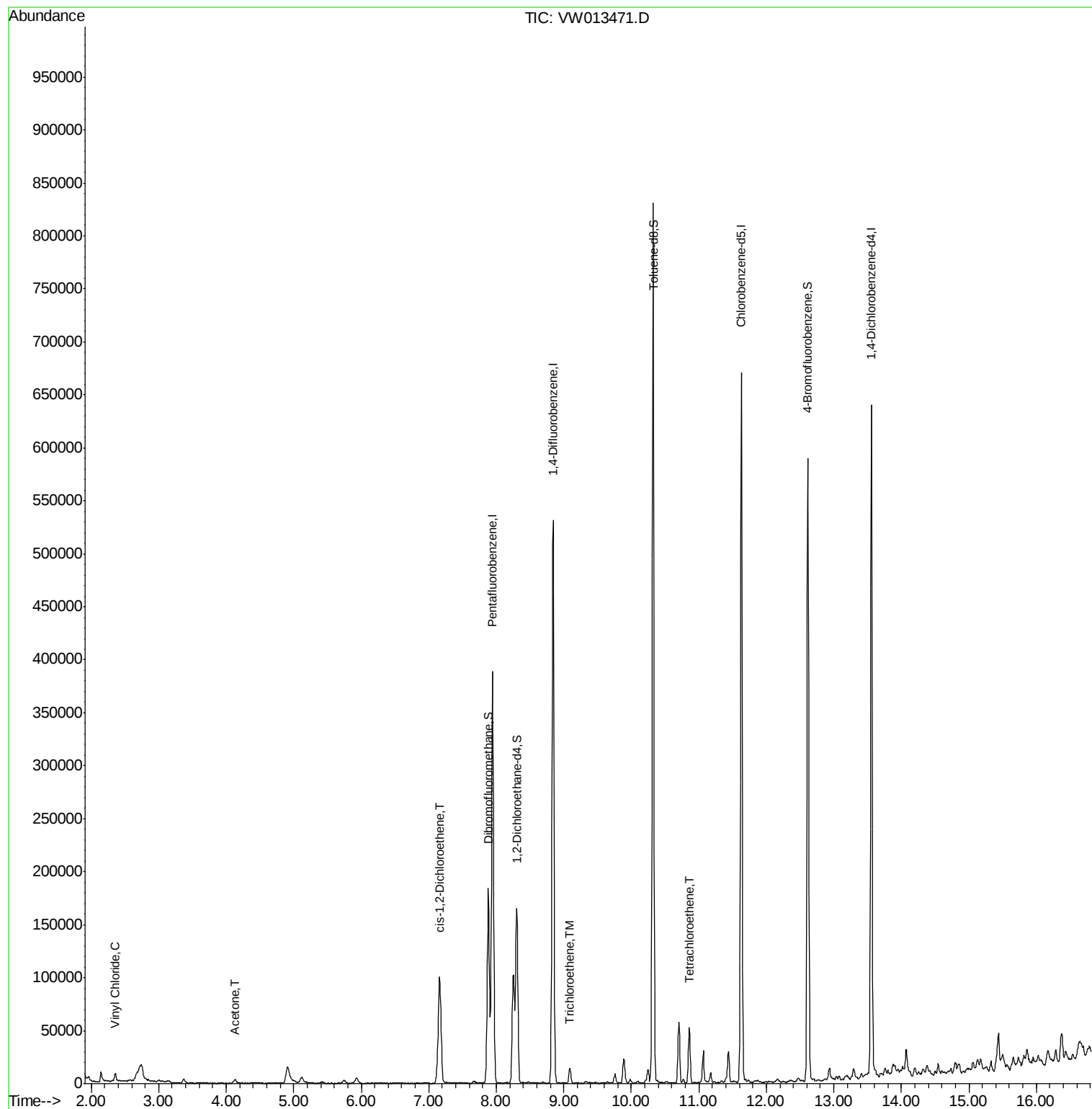
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	326326	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	485821	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	410272	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	186065	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	127055	52.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.28%	
35) Dibromofluoromethane	7.88	113	132792	52.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.18%	
50) Toluene-d8	10.32	98	563497	53.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.54%	
62) 4-Bromofluorobenzene	12.62	95	179305	50.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.52%	
Target Compounds						
4) Vinyl Chloride	2.35	62	5158	1.745	ug/l #	84
16) Acetone	4.13	43	6772	9.067	ug/l	95
27) cis-1,2-Dichloroethene	7.16	96	48165	14.384	ug/l	92
44) Trichloroethene	9.09	130	5793	1.610	ug/l	94
64) Tetrachloroethene	10.86	164	12256	3.927	ug/l	92

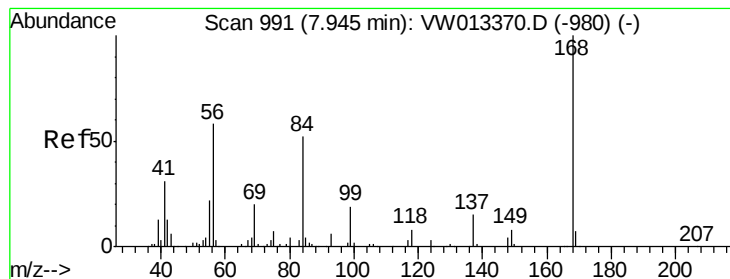
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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S-2(5-10)

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W100119S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 02 11:49:57 2019
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: VW013471.D

Acq: 07 Oct 2019 18:37

Instrument :

MSVOA_W

ClientSampleId :

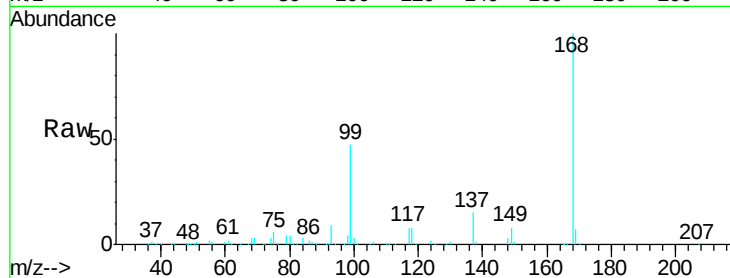
S-2(5-10)

Tgt Ion: 168 Resp: 326326

Ion Ratio Lower Upper

168 100

99 46.8 40.2 60.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

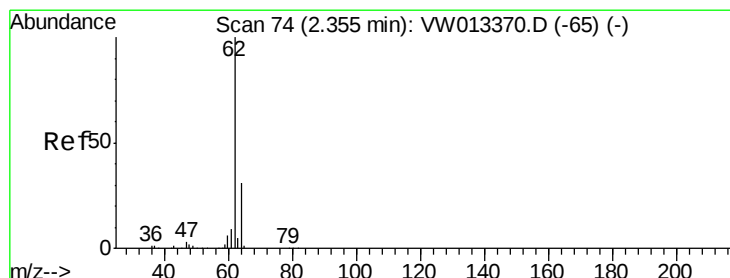
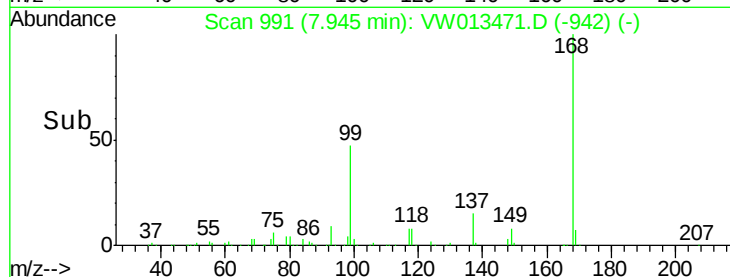
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 1.745 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.00 min

Lab File: VW013471.D

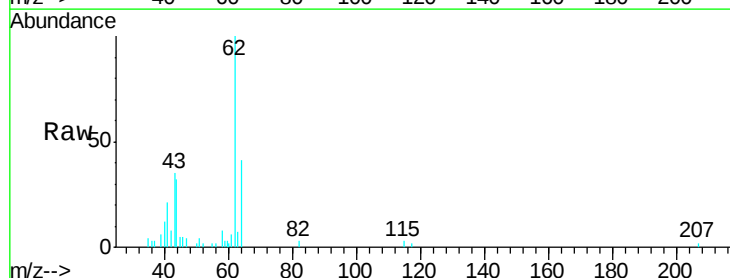
Acq: 07 Oct 2019 18:37

Tgt Ion: 62 Resp: 5158

Ion Ratio Lower Upper

62 100

64 40.6 25.3 37.9#



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW

2.35

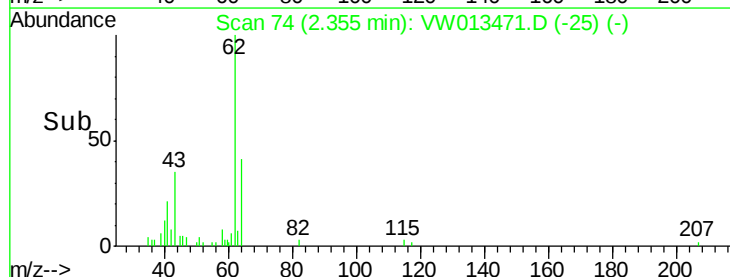
3000

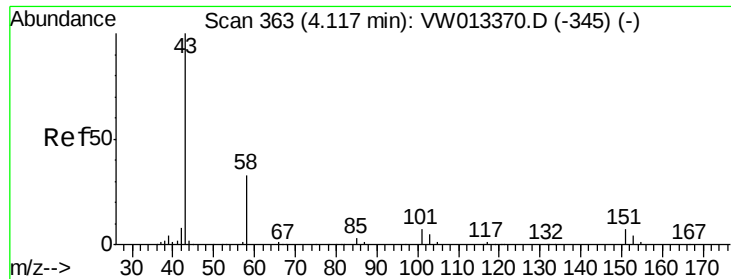
2000

1000

0

Time-->





#16

Acetone

Concen: 9.067 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW013471.D

Acq: 07 Oct 2019 18:37

Instrument :

MSVOA_W

ClientSampled :

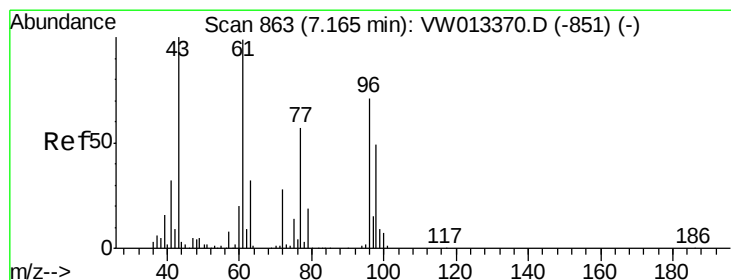
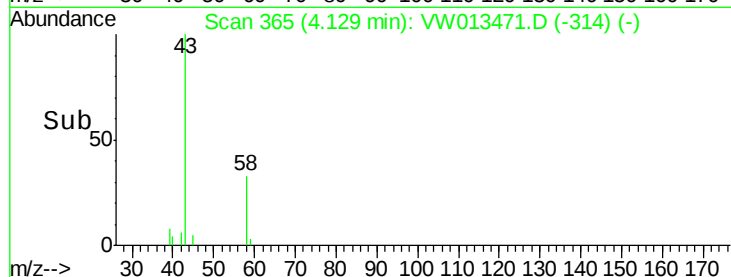
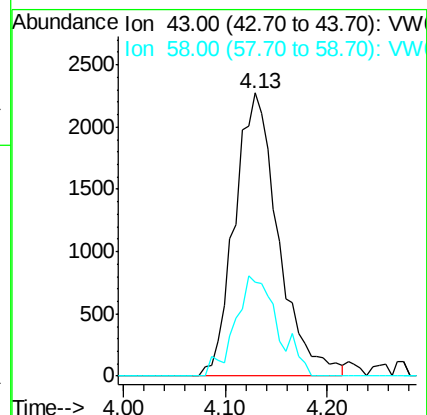
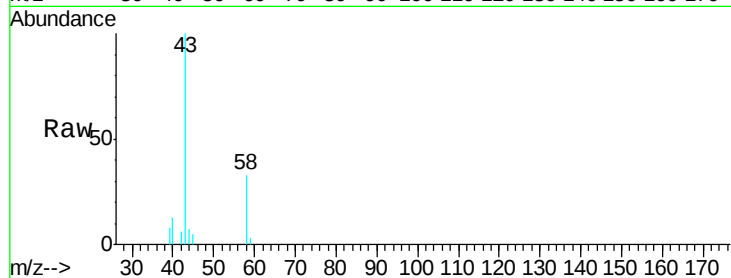
S-2(5-10)

Tgt Ion: 43 Resp: 6772

Ion Ratio Lower Upper

43 100

58 33.0 24.1 36.1



#27

cis-1,2-Dichloroethene

Concen: 14.384 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW013471.D

Acq: 07 Oct 2019 18:37

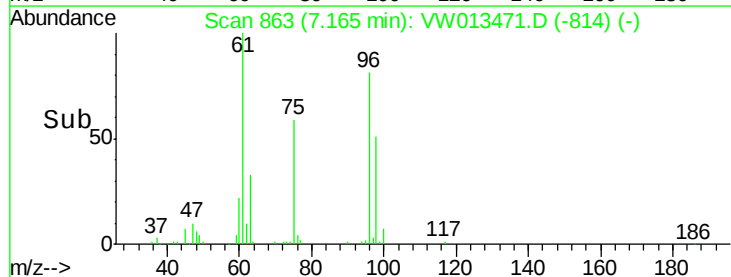
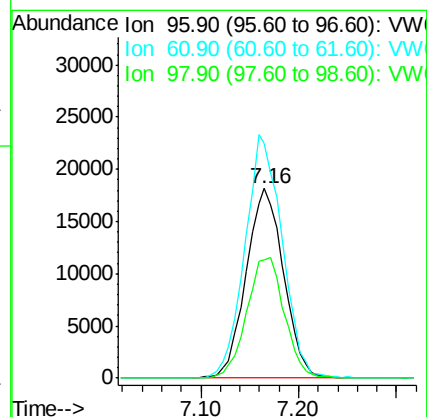
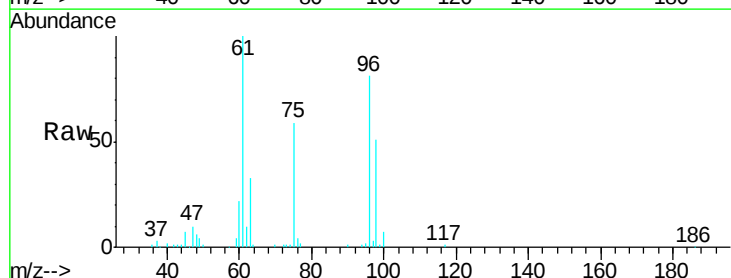
Tgt Ion: 96 Resp: 48165

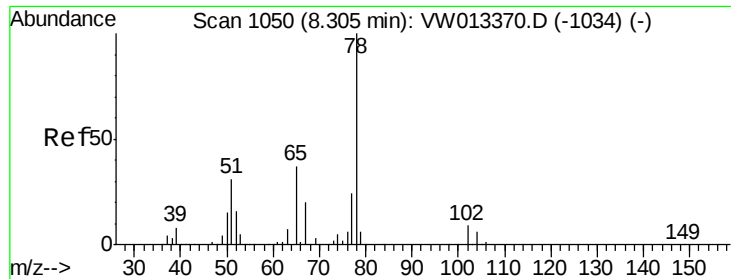
Ion Ratio Lower Upper

96 100

61 127.7 0.0 282.4

98 63.9 0.0 128.2





#33

1,2-Dichloroethane-d4

Concen: 52.145 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW013471.D

Acq: 07 Oct 2019 18:37

Instrument :

MSVOA_W

ClientSampleId :

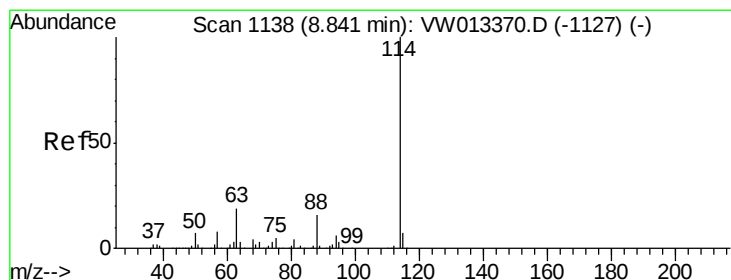
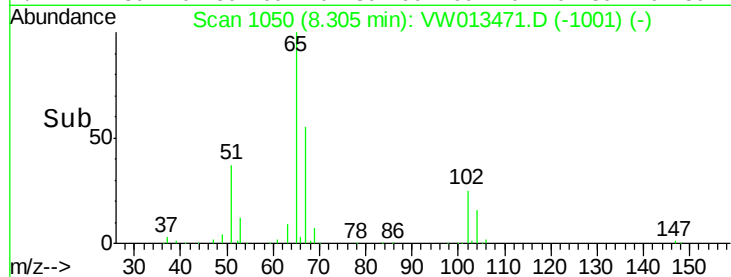
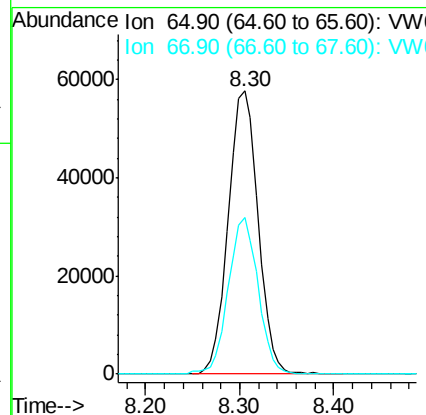
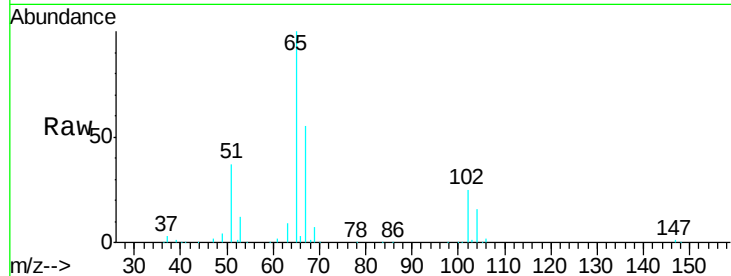
S-2(5-10)

Tgt Ion: 65 Resp: 127055

Ion Ratio Lower Upper

65 100

67 55.2 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW013471.D

Acq: 07 Oct 2019 18:37

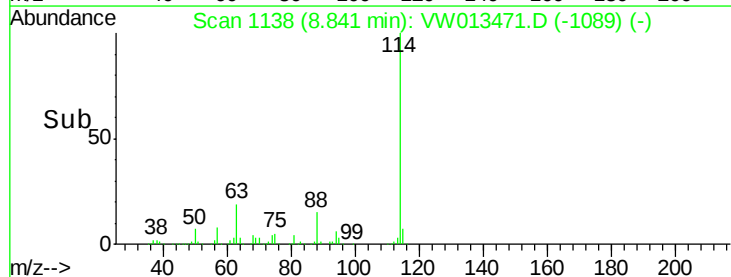
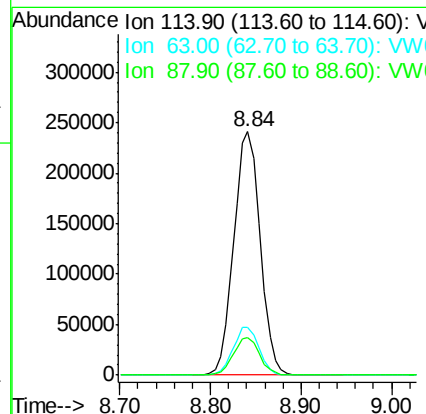
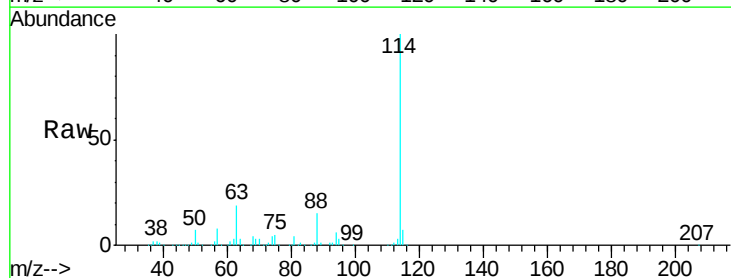
Tgt Ion: 114 Resp: 485821

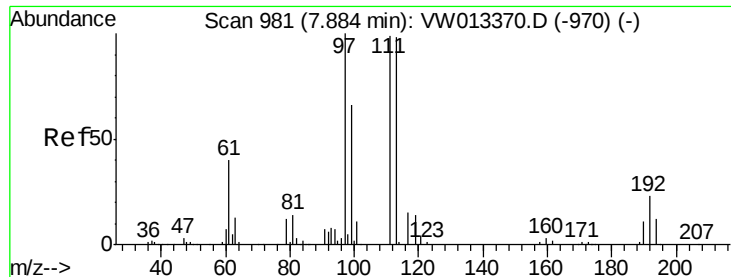
Ion Ratio Lower Upper

114 100

63 19.4 0.0 41.4

88 15.3 0.0 32.0

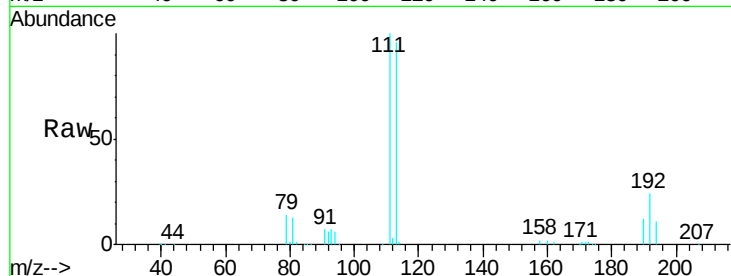




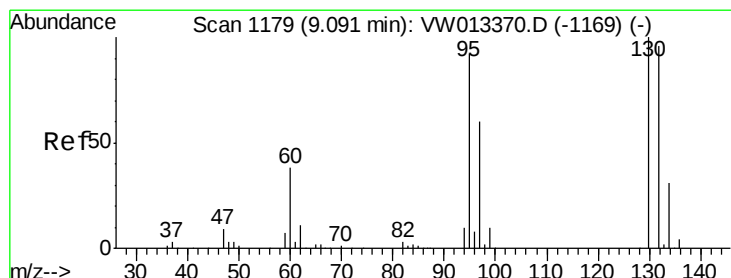
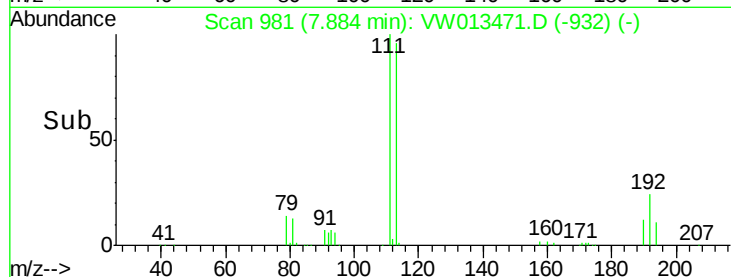
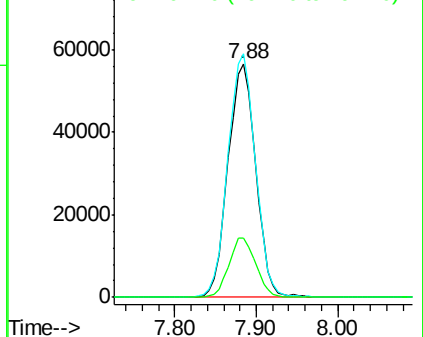
#35
 Dibromofluoromethane
 Concen: 52.091 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW013471.D
 Acq: 07 Oct 2019 18:37

Instrument :
 MSVOA_W
 ClientSampleId :
 S-2(5-10)

Tgt Ion:113 Resp: 132792
 Ion Ratio Lower Upper
 113 100
 111 103.5 81.9 122.9
 192 24.6 19.1 28.7

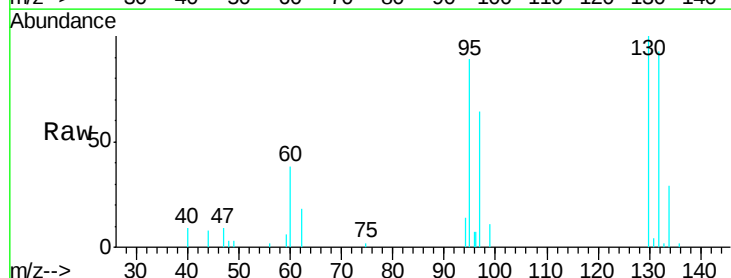


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

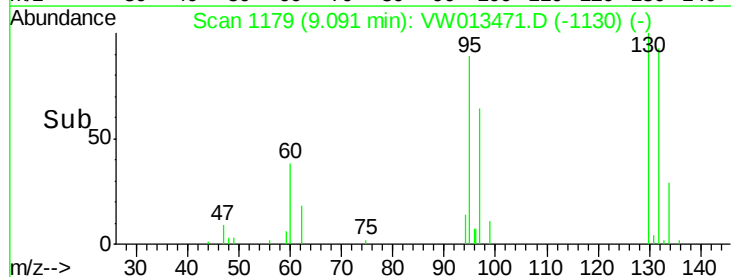
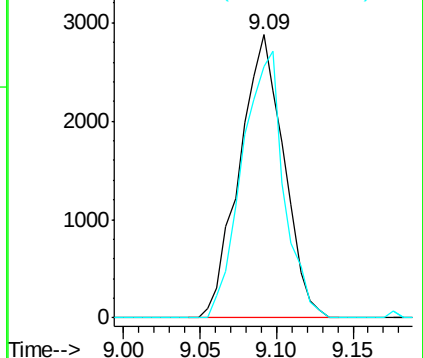


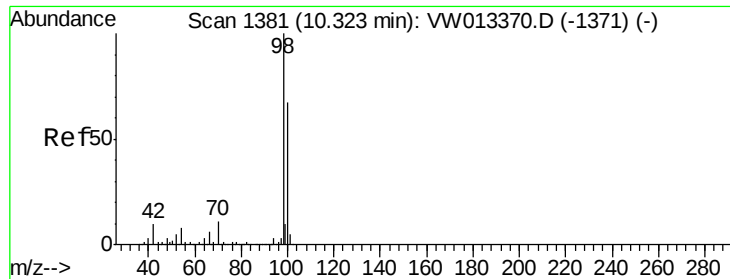
#44
 Trichloroethene
 Concen: 1.610 ug/l
 RT: 9.09 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: VW013471.D
 Acq: 07 Oct 2019 18:37

Tgt Ion:130 Resp: 5793
 Ion Ratio Lower Upper
 130 100
 95 88.6 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 53.267 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013471.D

Acq: 07 Oct 2019 18:37

Instrument :

MSVOA_W

ClientSampleId :

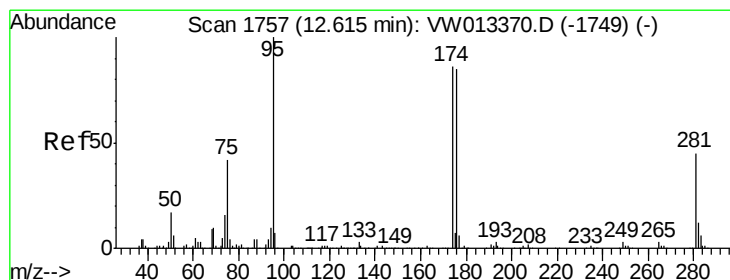
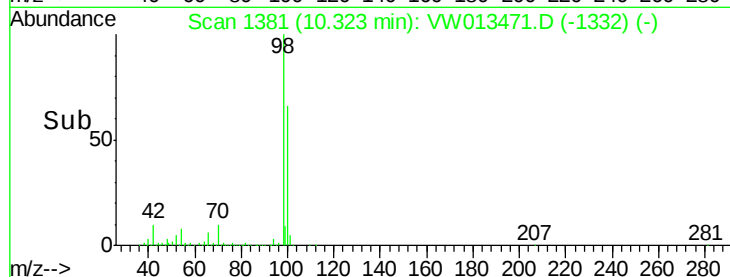
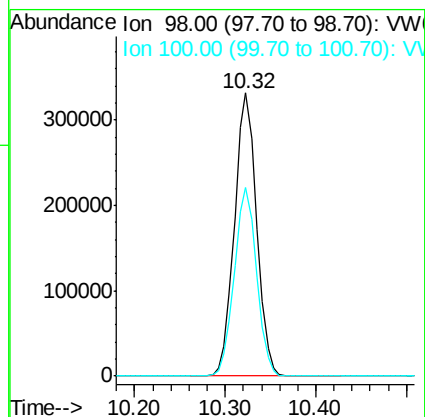
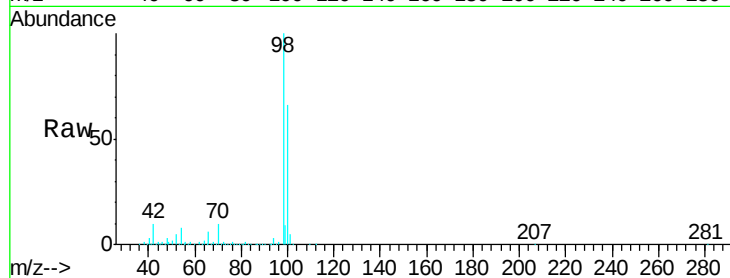
S-2(5-10)

Tgt Ion: 98 Resp: 563497

Ion Ratio Lower Upper

98 100

100 66.7 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 50.757 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013471.D

Acq: 07 Oct 2019 18:37

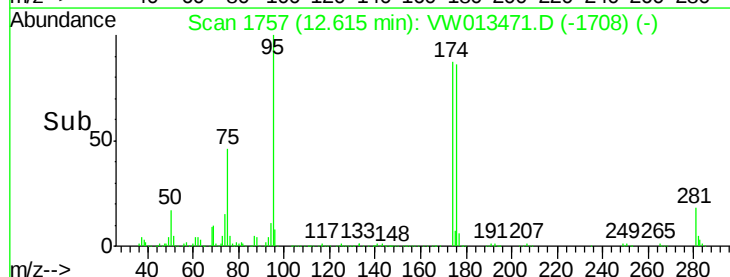
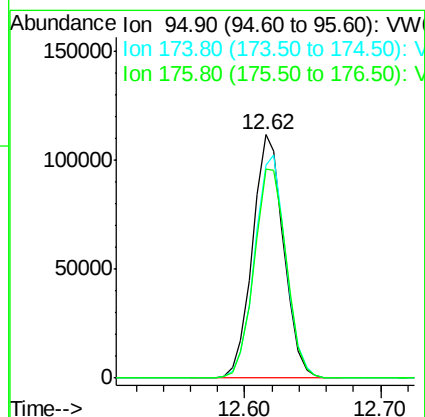
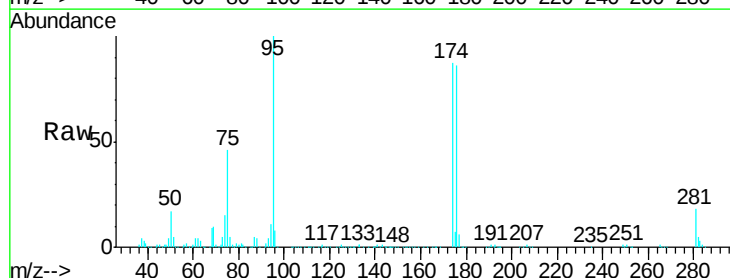
Tgt Ion: 95 Resp: 179305

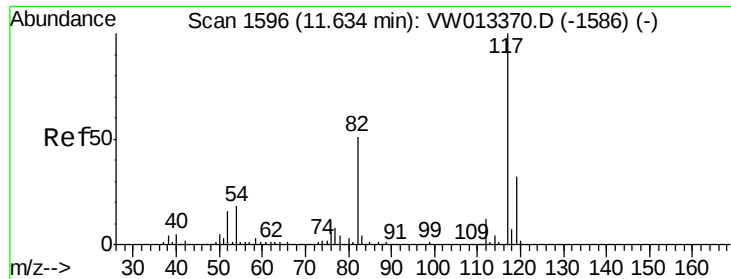
Ion Ratio Lower Upper

95 100

174 92.0 0.0 178.4

176 89.4 0.0 172.2

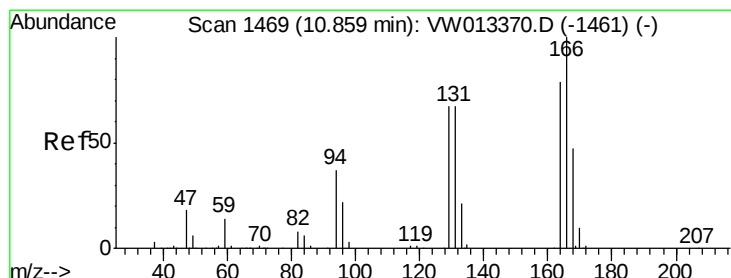
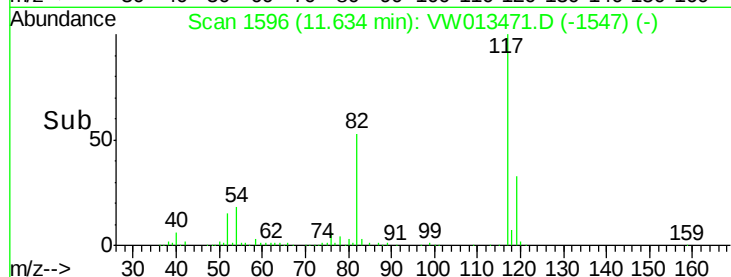
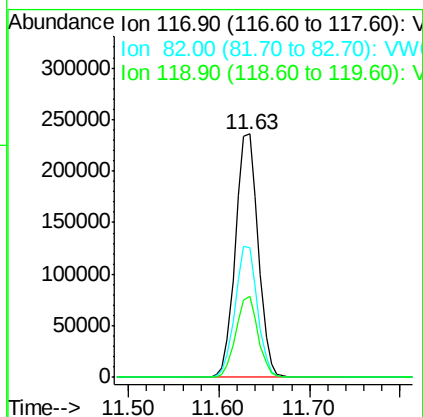
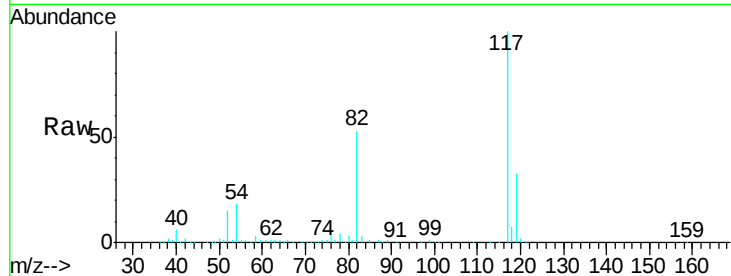




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW013471.D
Acq: 07 Oct 2019 18:37

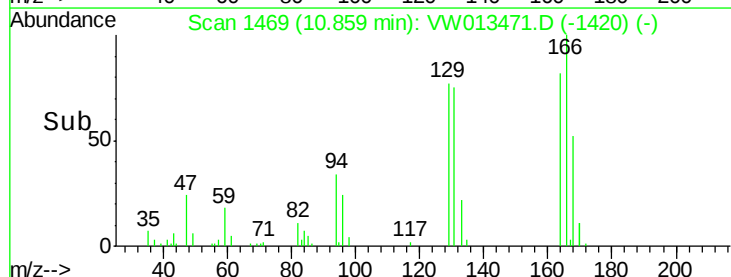
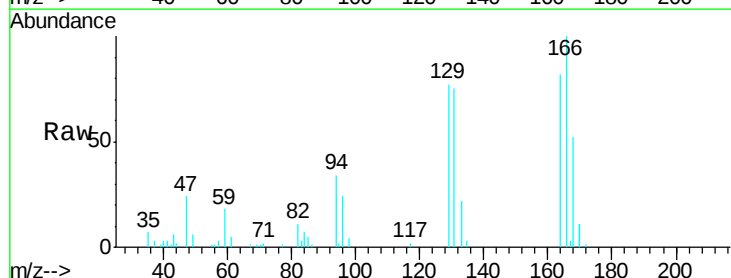
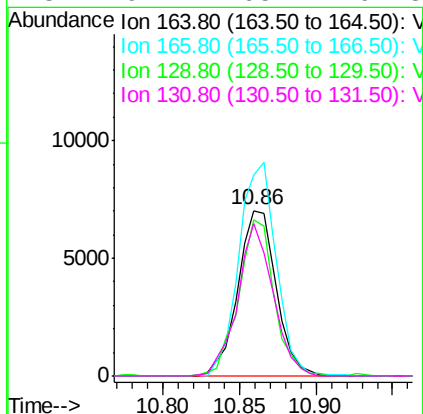
Instrument :
MSVOA_W
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S-2(5-10)

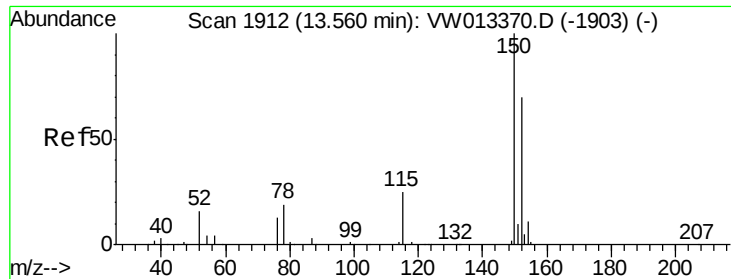
Tgt Ion:117 Resp: 410272
Ion Ratio Lower Upper
117 100
82 53.2 45.9 68.9
119 33.3 26.2 39.2



#64
Tetrachloroethene
Concen: 3.927 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW013471.D
Acq: 07 Oct 2019 18:37

Tgt Ion:164 Resp: 12256
Ion Ratio Lower Upper
164 100
166 121.6 101.2 151.8
129 94.1 68.8 103.2
131 91.7 65.2 97.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW013471.D

Acq: 07 Oct 2019 18:37

Instrument :

MSVOA_W

ClientSampleId :

S-2(5-10)

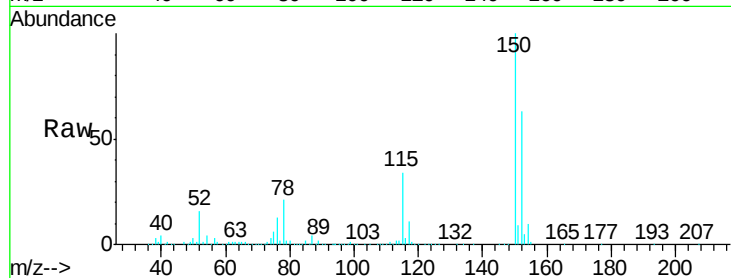
Tgt Ion:152 Resp: 186065

Ion Ratio Lower Upper

152 100

115 55.4 27.3 81.9

150 157.0 0.0 349.0



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

