

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100719\
 Data File : VW013458.D
 Acq On : 07 Oct 2019 13:00
 Operator : SY/VA
 Sample : K5213-03
 Misc : 5.10G/5ML/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 S-2(0-5)

Quant Time: Oct 18 07:05:36 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

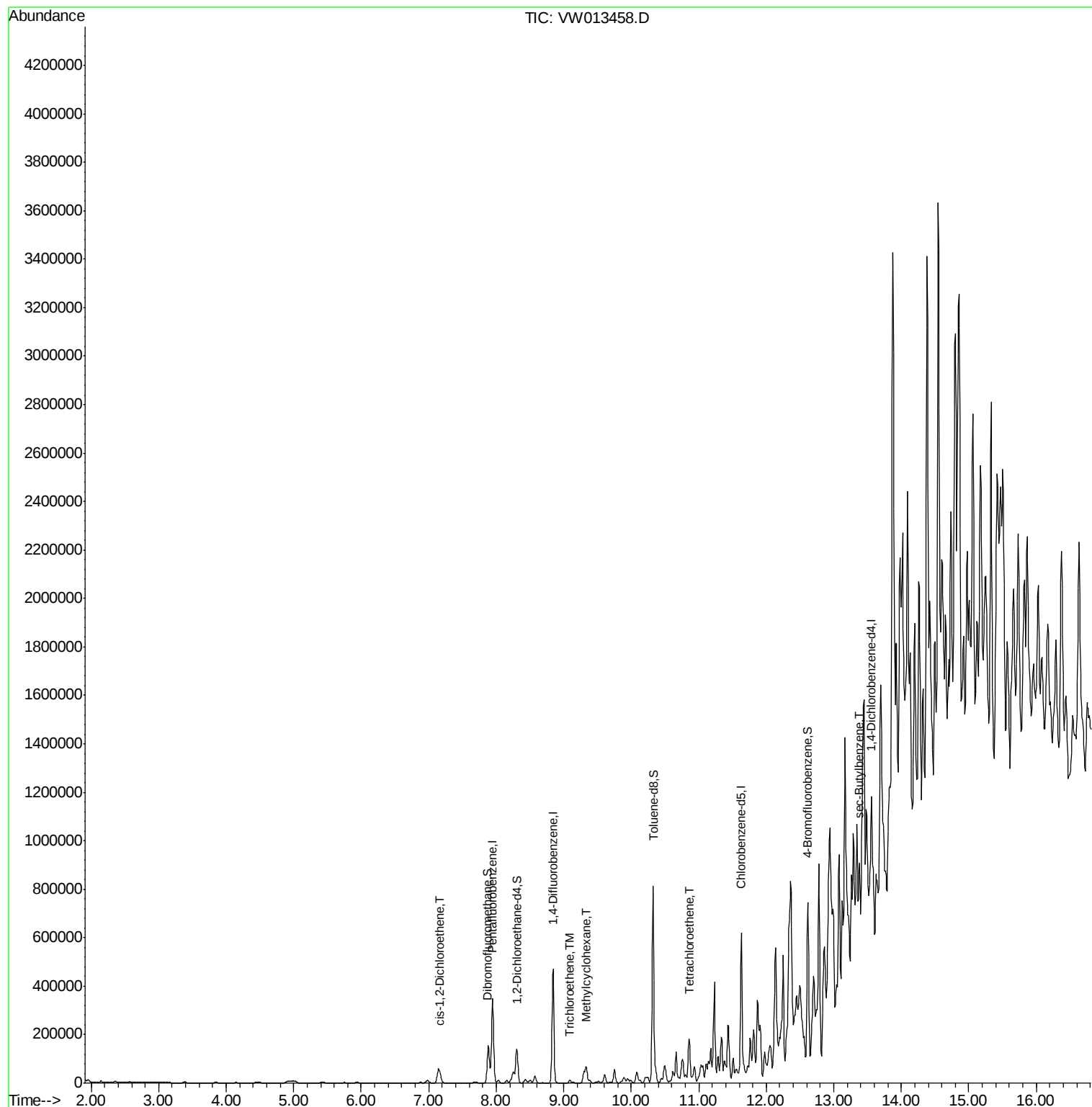
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	287235	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	423646	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	345309	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	160804	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	111207	51.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.70%	
35) Dibromofluoromethane	7.88	113	117782	52.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.96%	
50) Toluene-d8	10.32	98	487675	52.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.72%	
62) 4-Bromofluorobenzene	12.62	95	163400	53.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.08%	
Target Compounds						
27) cis-1,2-Dichloroethene	7.17	96	13326	4.521	ug/l	94
39) Methylcyclohexane	9.34	83	33553	6.475	ug/l	98
44) Trichloroethene	9.09	130	3508	1.118	ug/l	95
64) Tetrachloroethene	10.86	164	40098	15.263	ug/l	96
85) sec-Butylbenzene	13.38	105	13265	1.127	ug/l	89

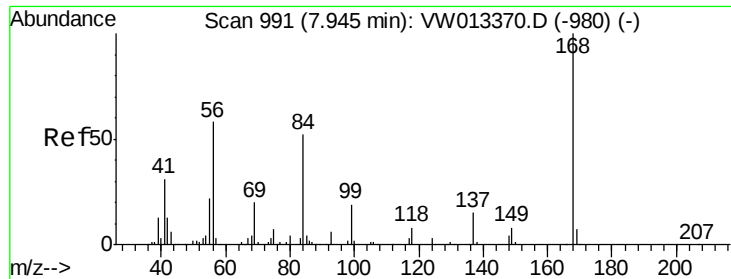
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW013458.D

Acq: 07 Oct 2019 13:00

Instrument :

MSVOA_W

ClientSampleId :

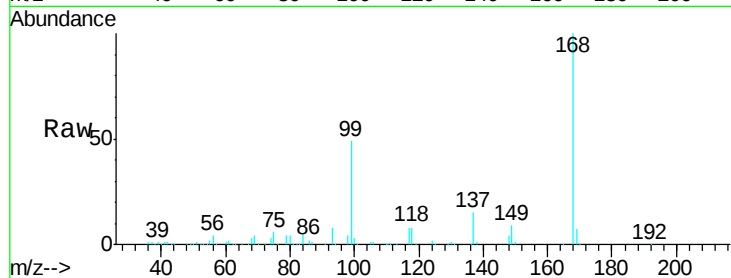
S-2(0-5)

Tgt Ion: 168 Resp: 287235

Ion Ratio Lower Upper

168 100

99 49.2 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

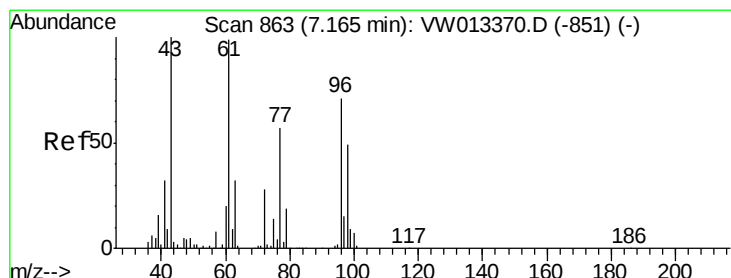
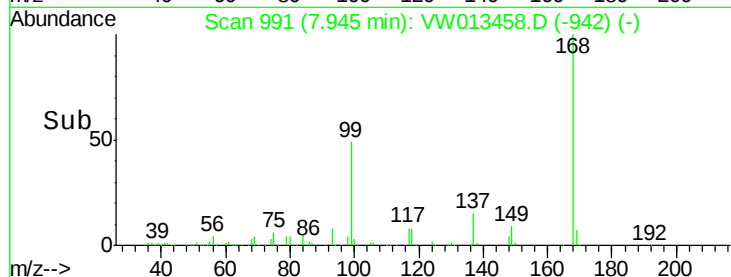
150000

100000

50000

0

Time-->



#27

cis-1,2-Dichloroethene

Concen: 4.521 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW013458.D

Acq: 07 Oct 2019 13:00

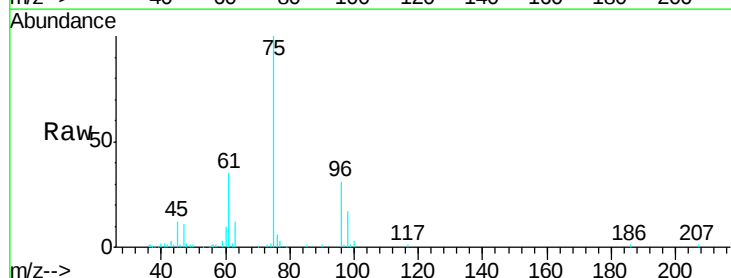
Tgt Ion: 96 Resp: 13326

Ion Ratio Lower Upper

96 100

61 131.9 0.0 282.4

98 62.5 0.0 128.2



Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW

7.17

8000

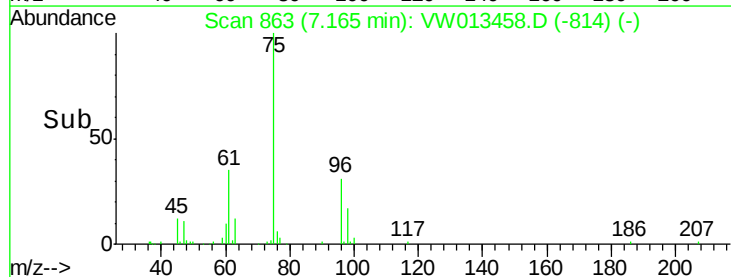
6000

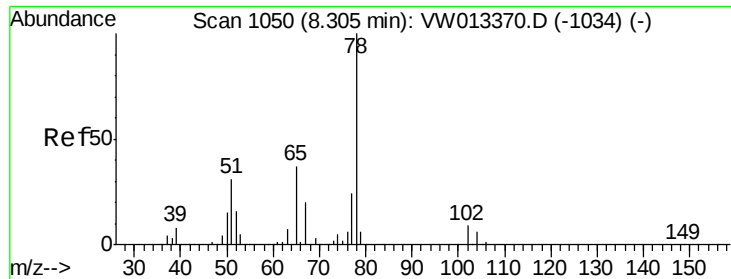
4000

2000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 51.852 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW013458.D

Acq: 07 Oct 2019 13:00

Instrument :

MSVOA_W

ClientSampled :

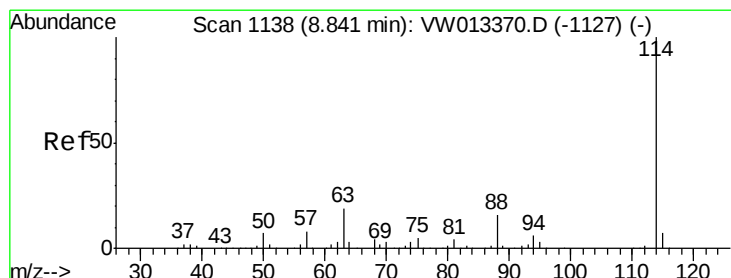
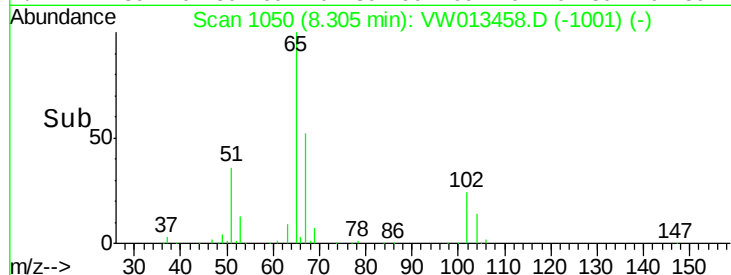
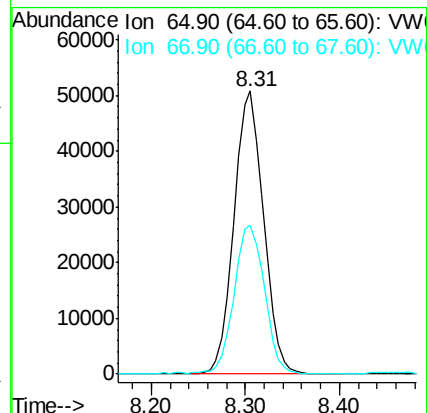
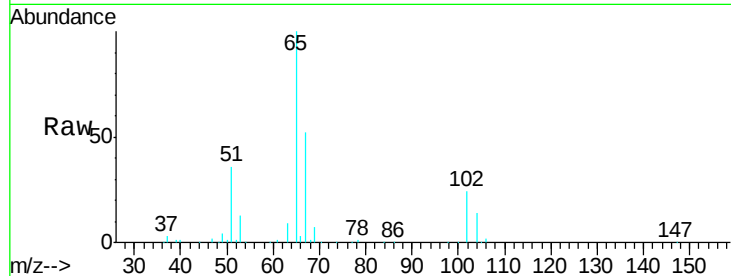
S-2(0-5)

Tgt Ion: 65 Resp: 111207

Ion Ratio Lower Upper

65 100

67 54.0 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: VW013458.D

Acq: 07 Oct 2019 13:00

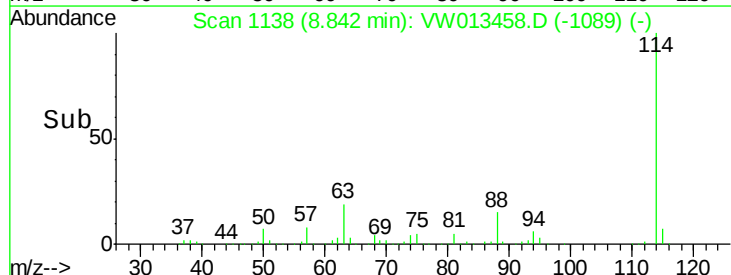
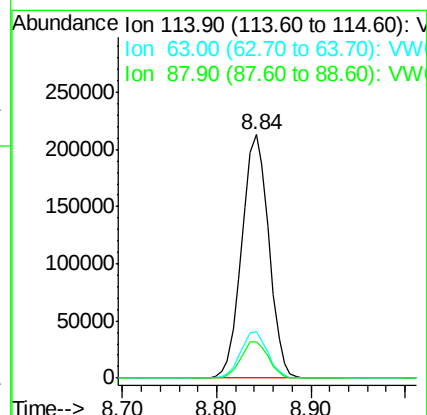
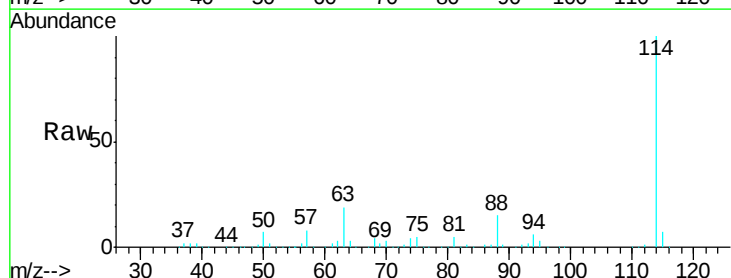
Tgt Ion: 114 Resp: 423646

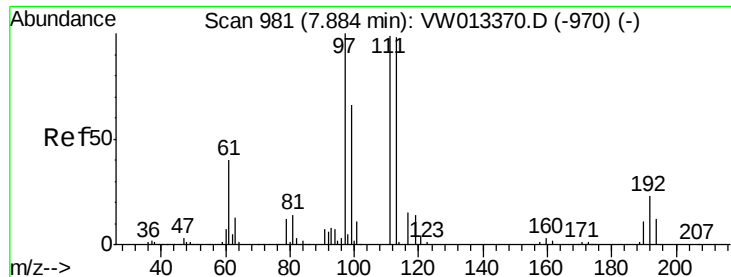
Ion Ratio Lower Upper

114 100

63 19.0 0.0 41.4

88 14.9 0.0 32.0

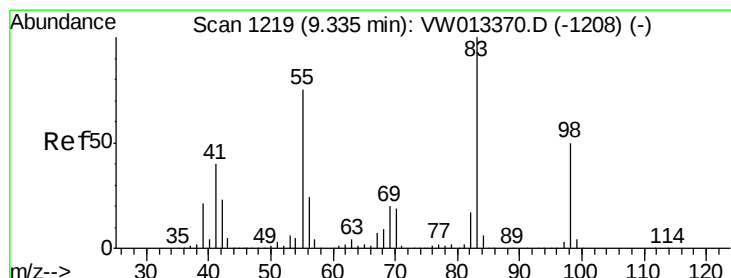
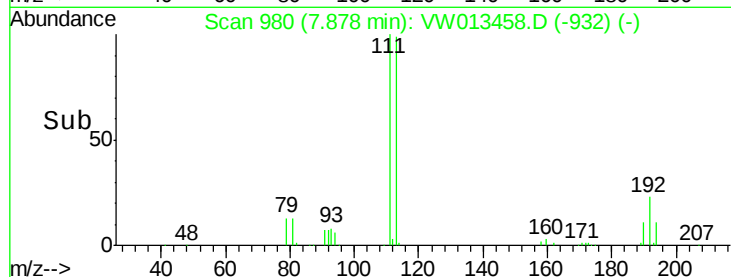
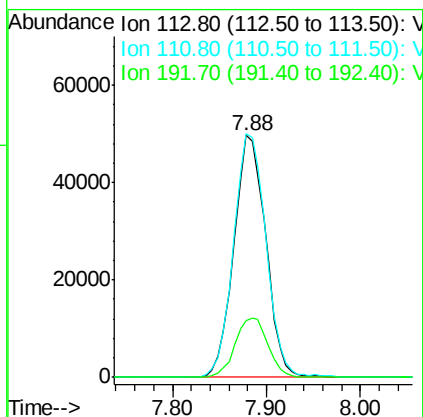
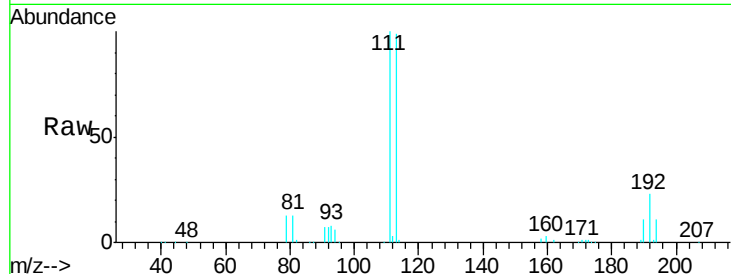




#35
Dibromofluoromethane
Concen: 52.984 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.01 min
Lab File: VW013458.D
Acq: 07 Oct 2019 13:00

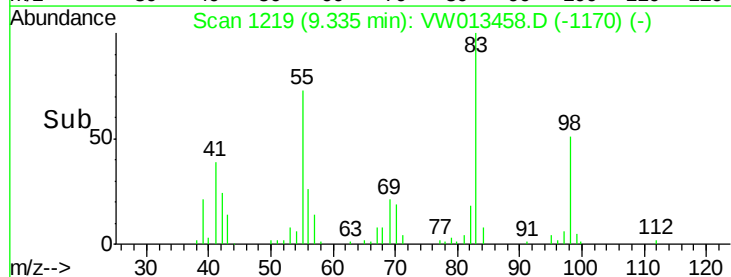
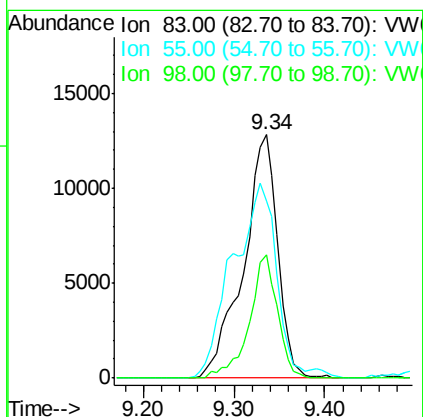
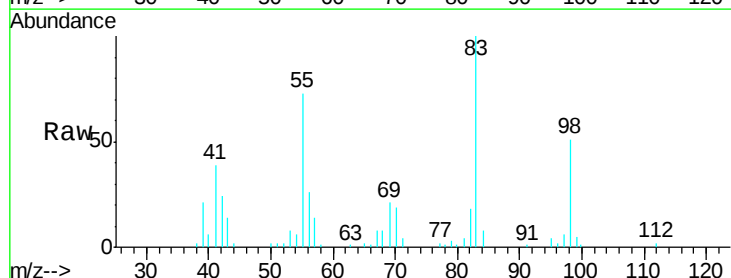
Instrument :
MSVOA_W
ClientSampleId :
S-2(0-5)

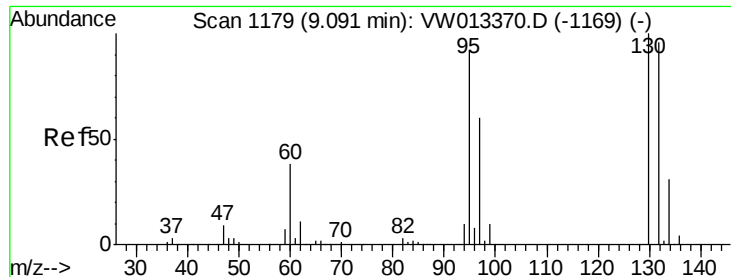
Tgt Ion: 113 Resp: 117782
Ion Ratio Lower Upper
113 100
111 102.6 81.9 122.9
192 25.0 19.1 28.7



#39
Methylcyclohexane
Concen: 6.475 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW013458.D
Acq: 07 Oct 2019 13:00

Tgt Ion: 83 Resp: 33553
Ion Ratio Lower Upper
83 100
55 72.7 60.4 90.6
98 50.7 40.0 60.0

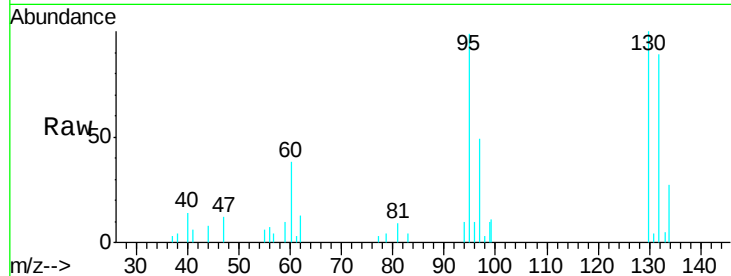




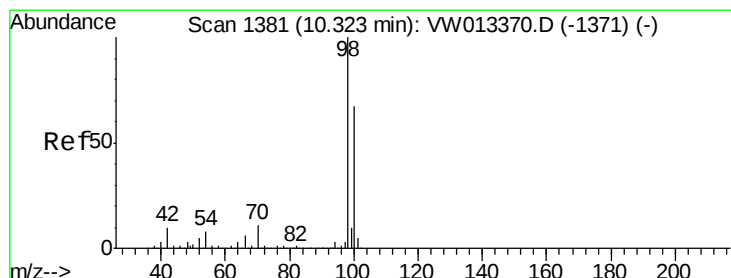
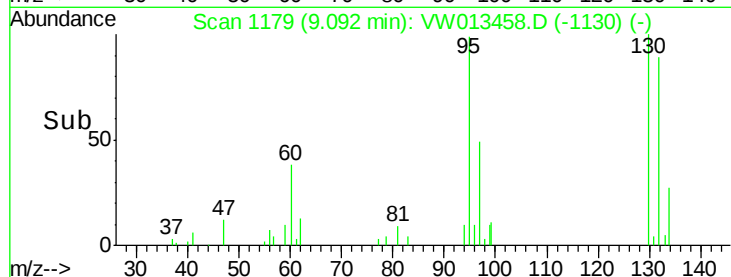
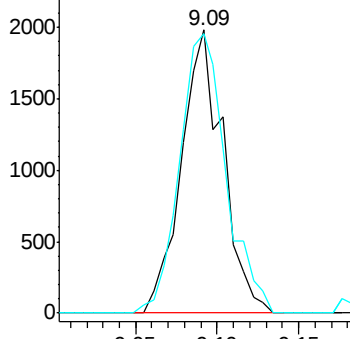
#44
 Trichloroethene
 Concen: 1.118 ug/l
 RT: 9.09 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: VW013458.D
 Acq: 07 Oct 2019 13:00

Instrument :
 MSVOA_W
 ClientSampleId :
 S-2(0-5)

Tgt Ion:130 Resp: 3508
 Ion Ratio Lower Upper
 130 100
 95 98.9 0.0 188.0

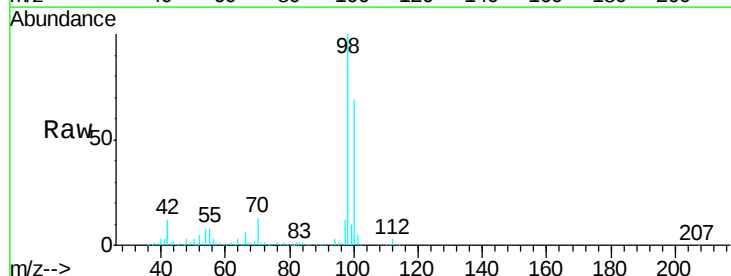


Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VW

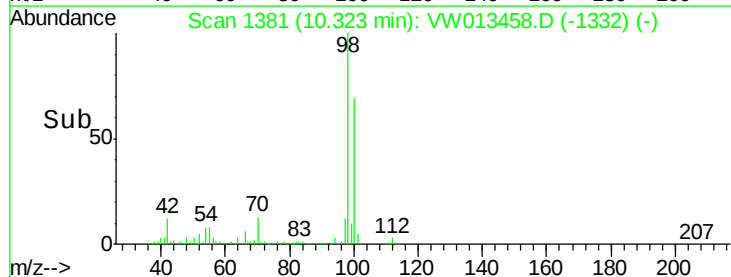
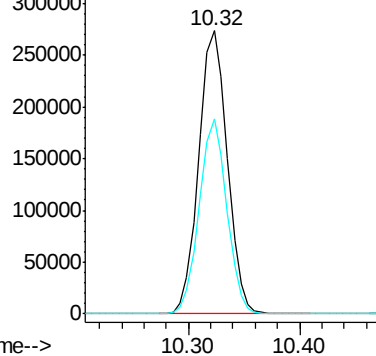


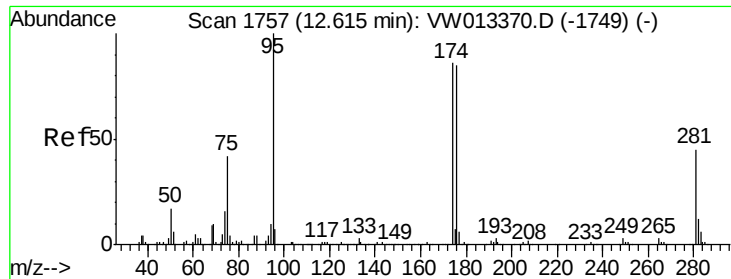
#50
 Toluene-d8
 Concen: 52.865 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VW013458.D
 Acq: 07 Oct 2019 13:00

Tgt Ion: 98 Resp: 487675
 Ion Ratio Lower Upper
 98 100
 100 66.2 52.9 79.3



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

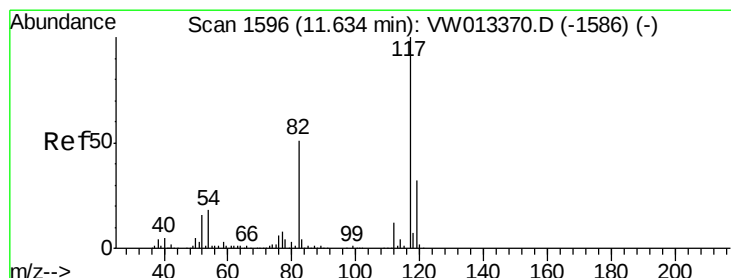
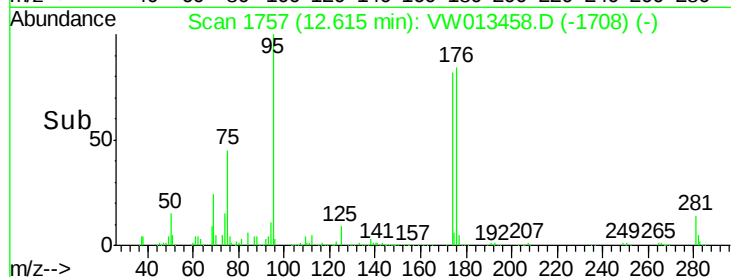
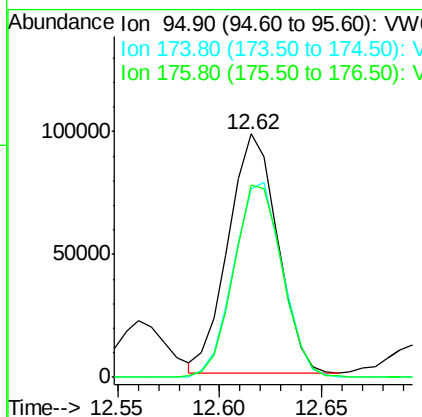
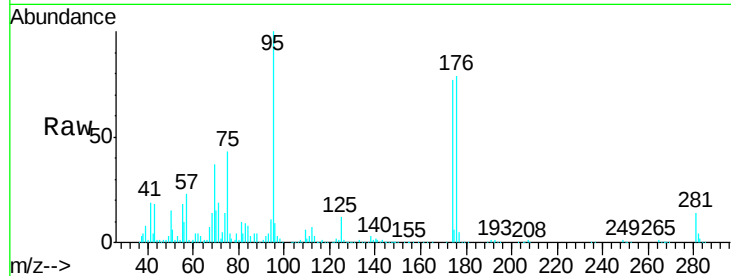




#62
4-Bromofluorobenzene
Concen: 53.043 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW013458.D
Acq: 07 Oct 2019 13:00

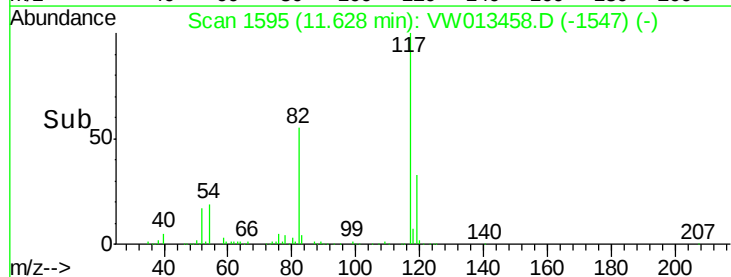
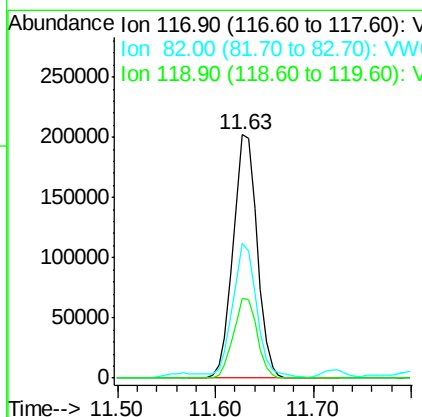
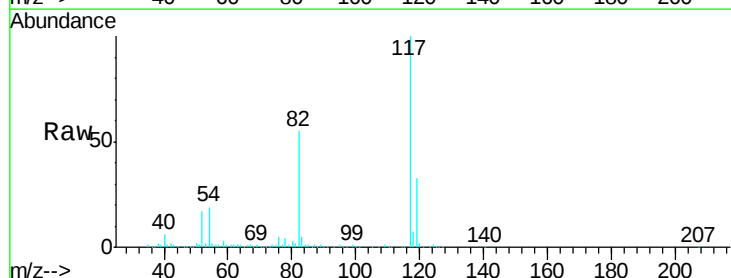
Instrument :
MSVOA_W
ClientSampleId :
S-2(0-5)

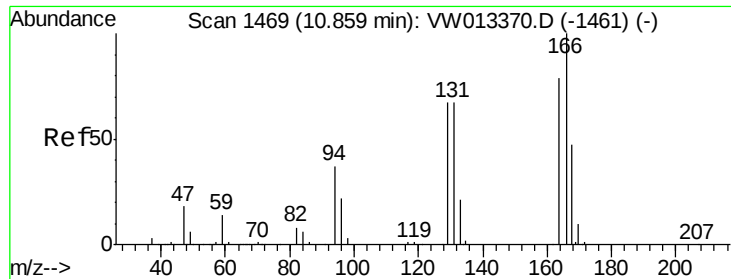
Tgt Ion: 95 Resp: 163400
Ion Ratio Lower Upper
95 100
174 81.0 0.0 178.4
176 79.7 0.0 172.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW013458.D
Acq: 07 Oct 2019 13:00

Tgt Ion: 117 Resp: 345309
Ion Ratio Lower Upper
117 100
82 53.7 45.9 68.9
119 32.6 26.2 39.2

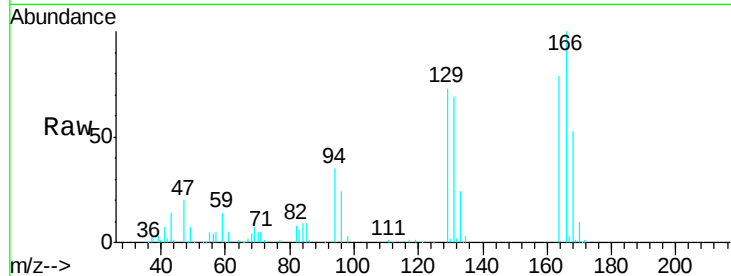




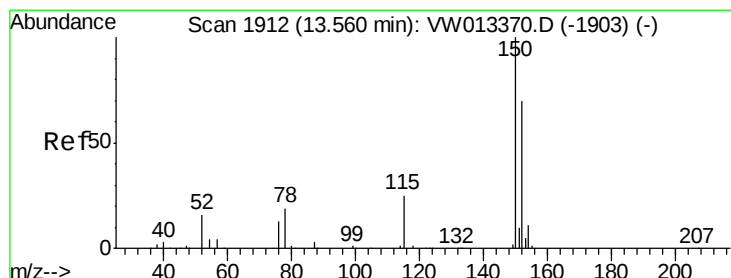
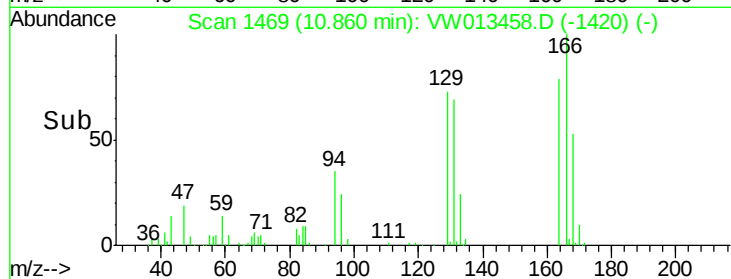
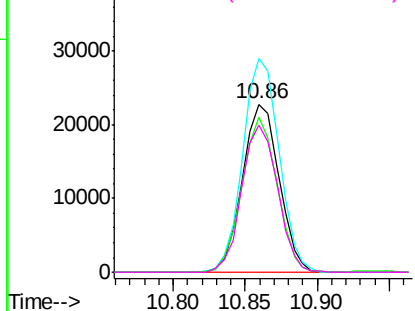
#64
Tetrachloroethene
Concen: 15.263 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW013458.D
Acq: 07 Oct 2019 13:00

Instrument :
MSVOA_W
ClientSampleId :
S-2(0-5)

Tgt Ion:164 Resp: 40098
Ion Ratio Lower Upper
164 100
166 127.3 101.2 151.8
129 92.4 68.8 103.2
131 88.0 65.2 97.8

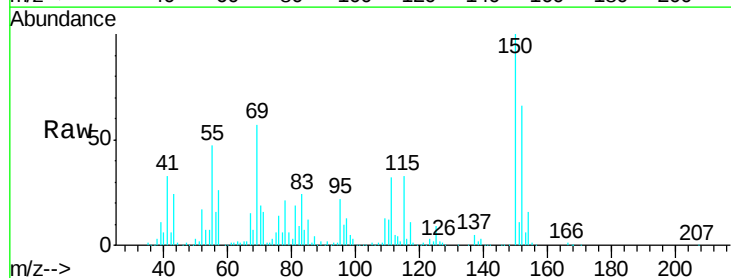


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

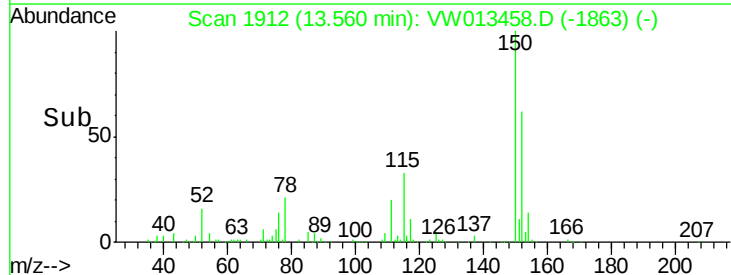
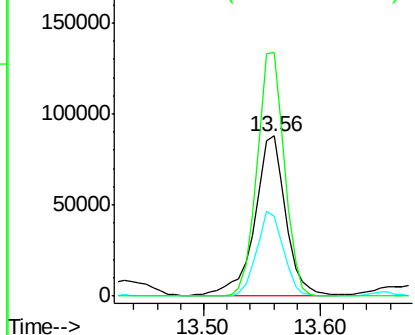


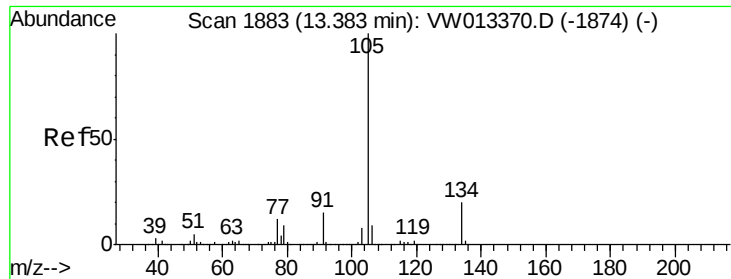
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW013458.D
Acq: 07 Oct 2019 13:00

Tgt Ion:152 Resp: 160804
Ion Ratio Lower Upper
152 100
115 46.4 27.3 81.9
150 134.7 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





#85

sec-Butylbenzene

Concen: 1.127 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW013458.D

Acq: 07 Oct 2019 13:00

Instrument :

MSVOA_W

ClientSampleId :

S-2(0-5)

Tgt Ion:105 Resp: 13265

Ion Ratio Lower Upper

105 100

134 25.6 10.3 30.8

