

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092019\
 Data File : VW013207.D
 Acq On : 21 Sep 2019 02:38
 Operator : SY/VA
 Sample : K4939-01
 Misc : 6.43G/5ML/MSVOA W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 982-S-3-(19)

Quant Time: Sep 21 06:17:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092019S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 20 15:58:08 2019
 Response via : Initial Calibration

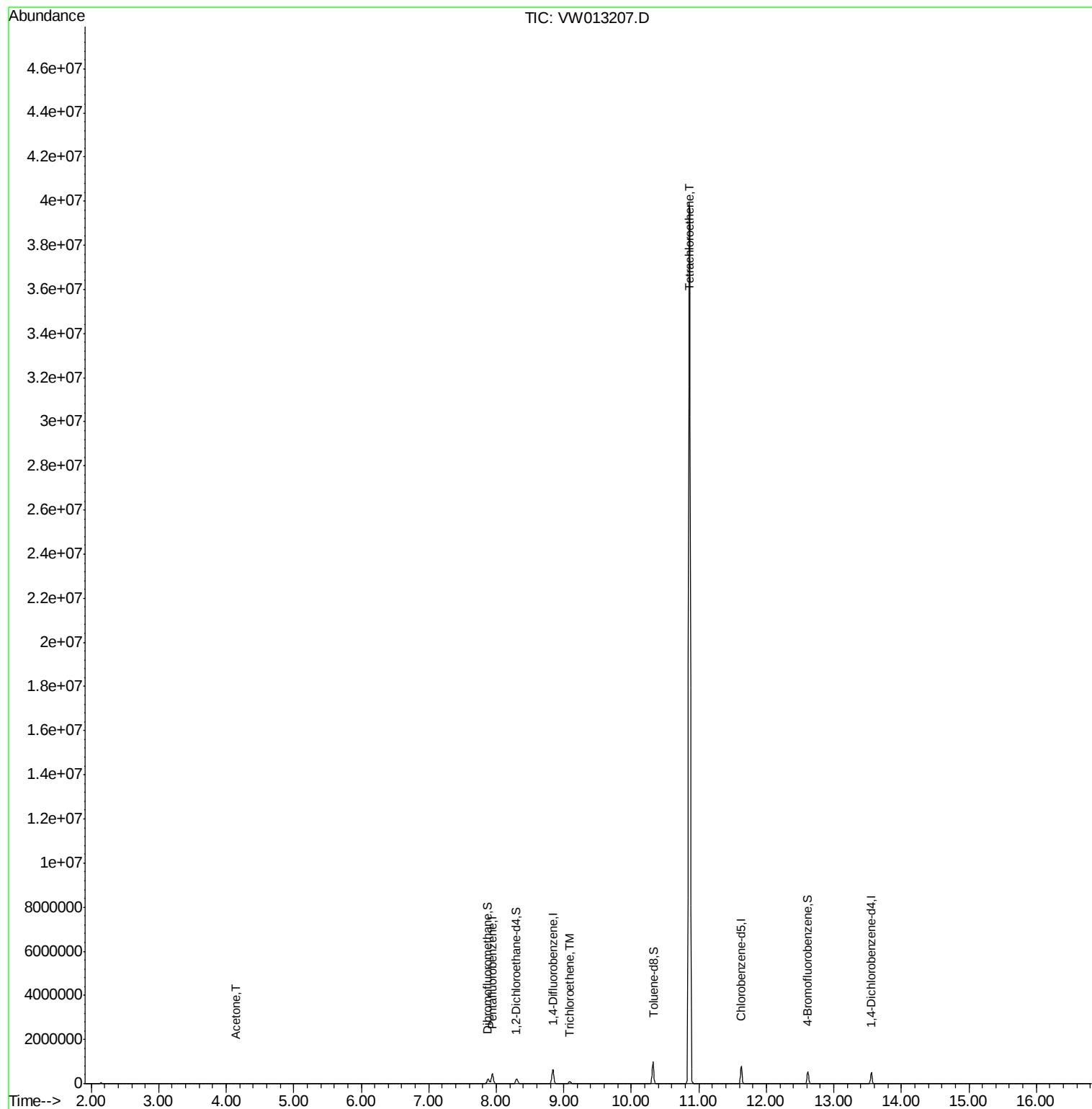
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	373385	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	573350	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	467016	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	145820	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	167033	54.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.62%	
35) Dibromofluoromethane	7.88	113	161017	51.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.12%	
50) Toluene-d8	10.32	98	669126	50.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.40%	
62) 4-Bromofluorobenzene	12.62	95	180976	40.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.28%	
Target Compounds						
16) Acetone	4.14	43	7303	10.627	ug/l	92
44) Trichloroethene	9.09	130	38646	8.892	ug/l	98
64) Tetrachloroethene	10.86	164	10573618	2984.020	ug/l	95

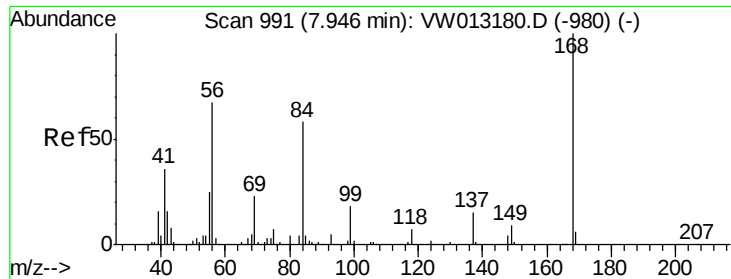
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW013207.D

Acq: 21 Sep 2019 02:38

Instrument :

MSVOA_W

ClientSampleId :

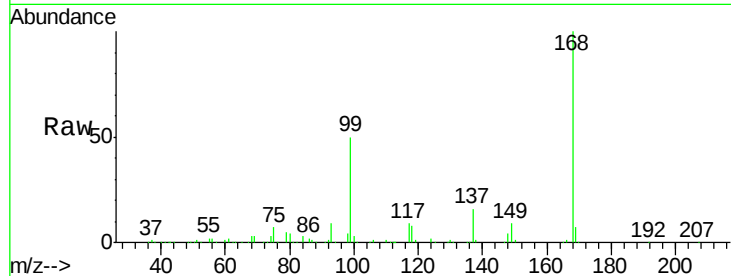
982-S-3-(19)

Tot Ion:168 Resp: 373385

Ion Ratio Lower Upper

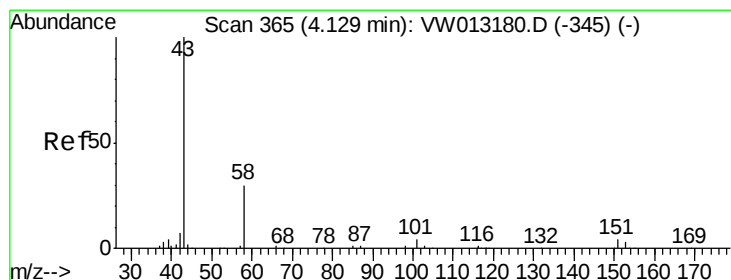
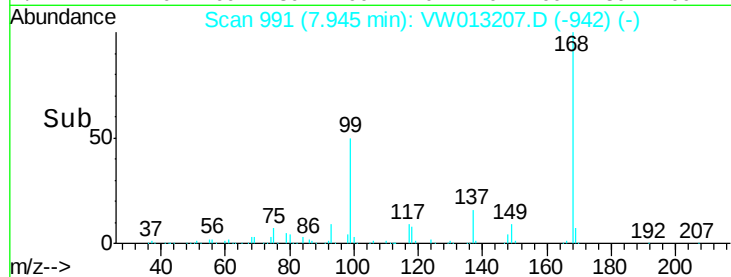
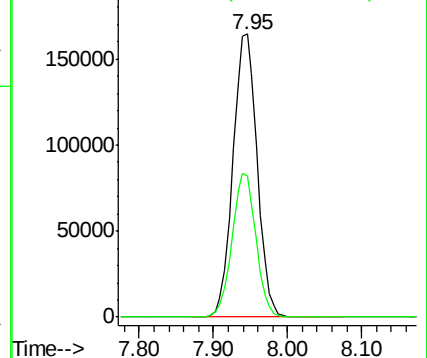
168 100

99 50.0 40.2 60.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 10.627 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW013207.D

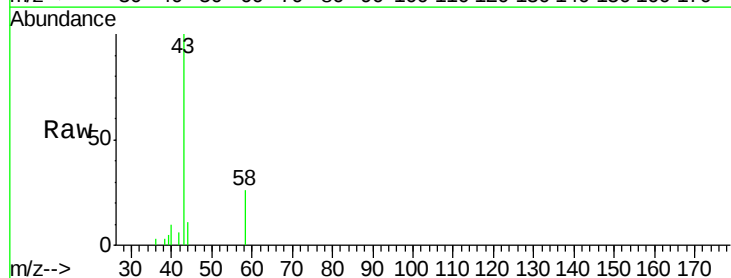
Acq: 21 Sep 2019 02:38

Tgt Ion: 43 Resp: 7303

Ion Ratio Lower Upper

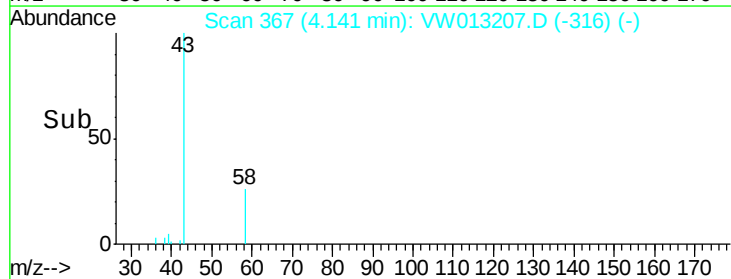
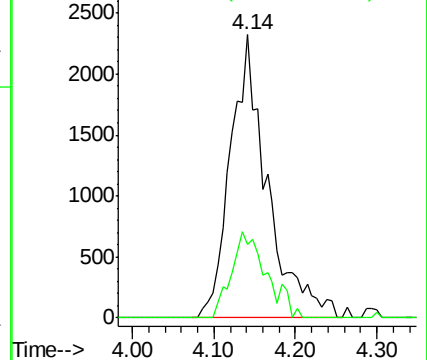
43 100

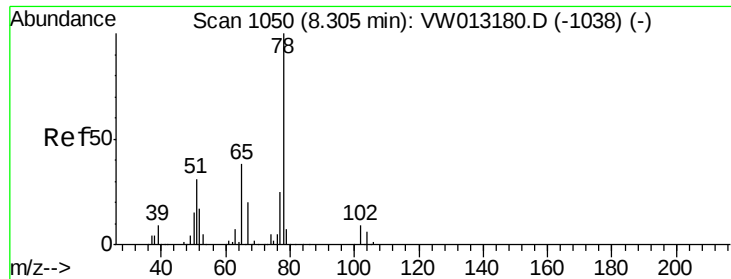
58 25.9 24.1 36.1



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: 54.812 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW013207.D

Acq: 21 Sep 2019 02:38

Instrument :

MSVOA_W

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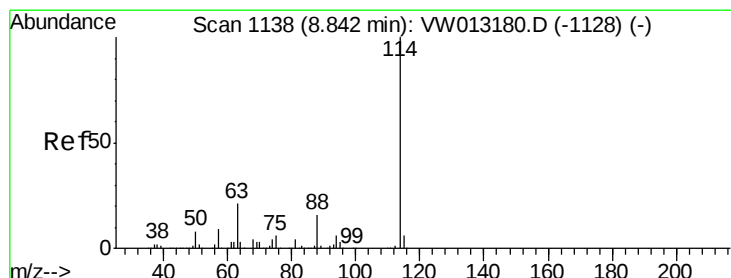
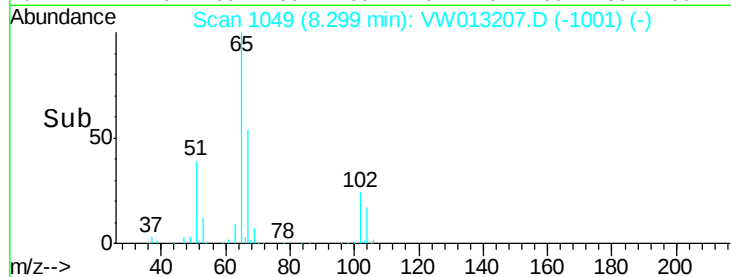
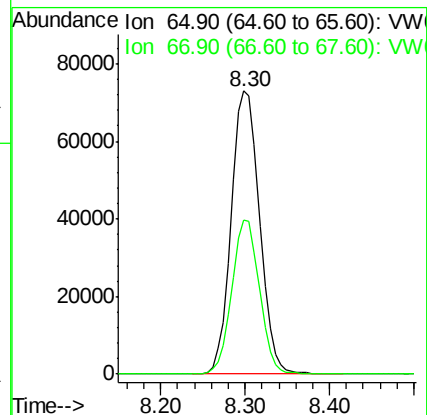
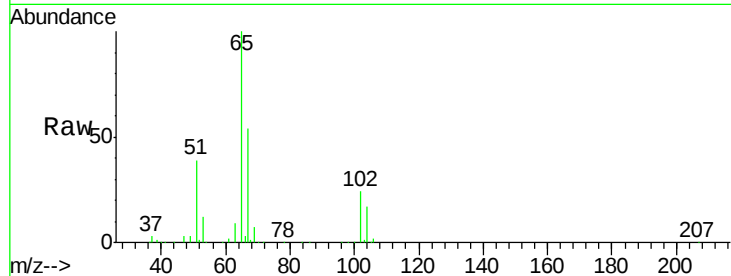
982-S-3-(19)

Tot Ion: 65 Resp: 167033

Ion Ratio Lower Upper

65 100

67 53.0 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1137

Delta R.T. -0.01 min

Lab File: VW013207.D

Acq: 21 Sep 2019 02:38

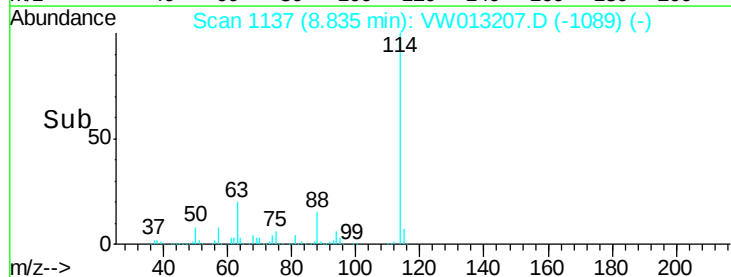
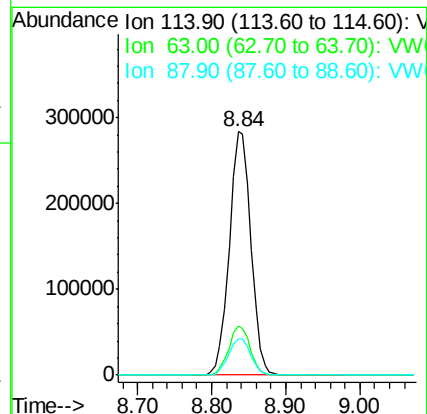
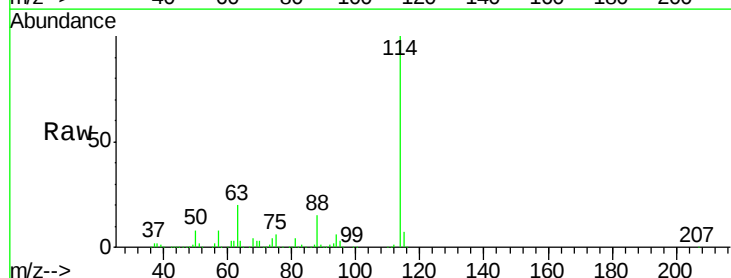
Tgt Ion: 114 Resp: 573350

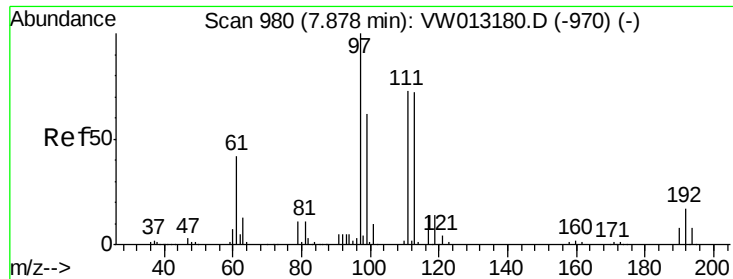
Ion Ratio Lower Upper

114 100

63 20.3 0.0 41.4

88 15.1 0.0 32.0

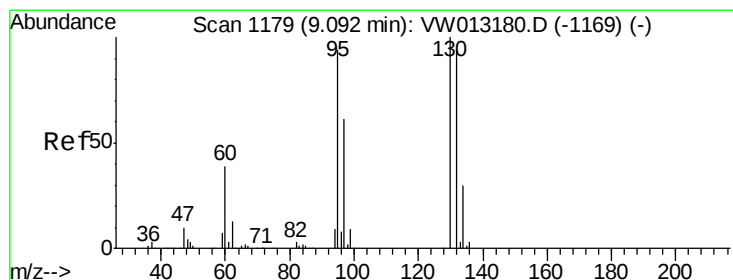
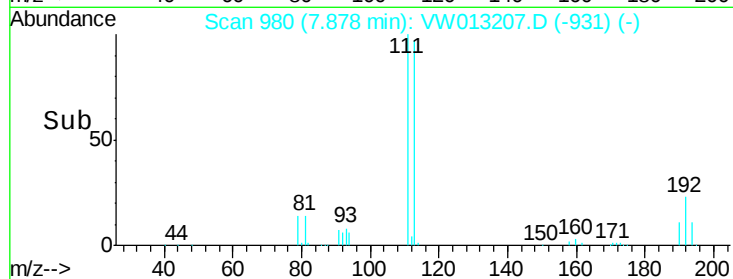
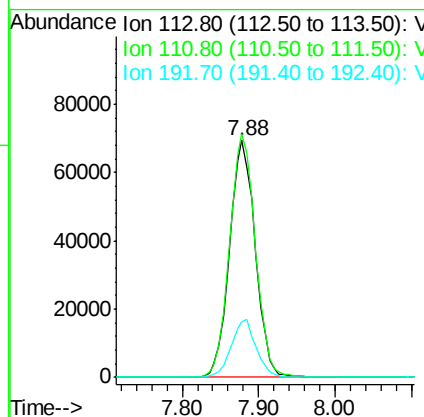
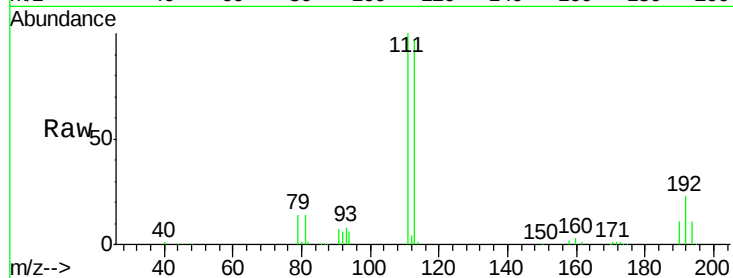




#35
 Dibromofluoromethane
 Concen: 51.061 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW013207.D
 Acq: 21 Sep 2019 02:38

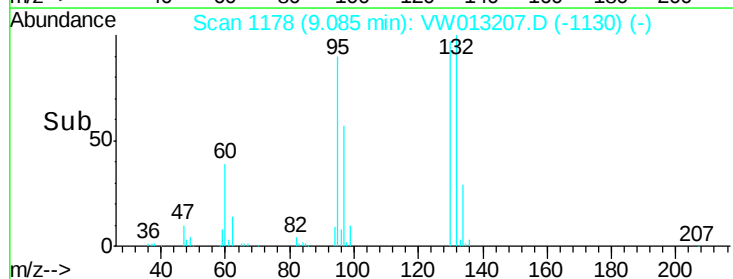
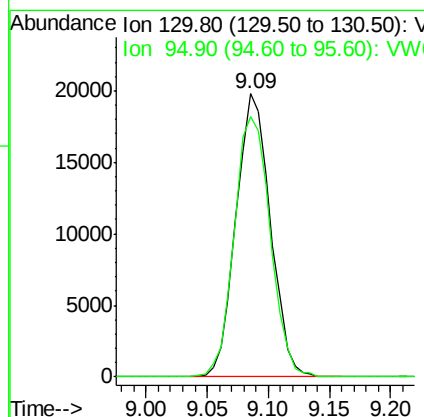
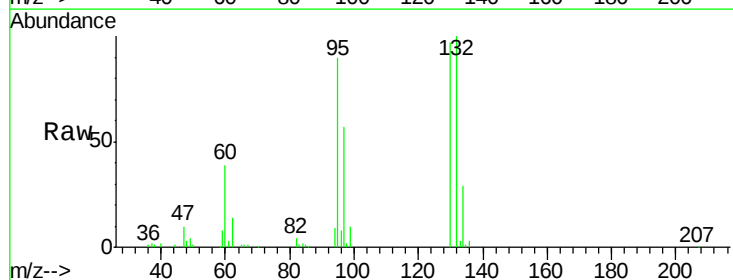
Instrument :
 MSVOA_W
 ClientSampleId :
 982-S-3-(19)

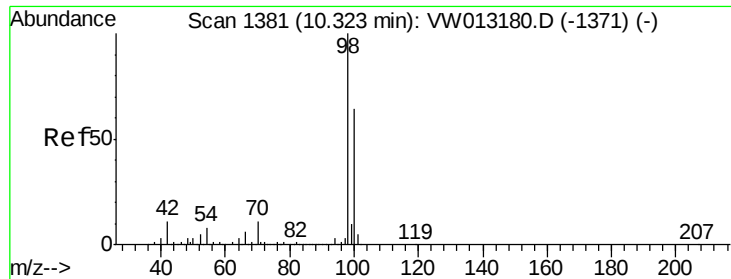
Tot Ion:113 Resp: 161017
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.9 122.9
 192 23.5 19.1 28.7



#44
 Trichloroethene
 Concen: 8.892 ug/l
 RT: 9.09 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: VW013207.D
 Acq: 21 Sep 2019 02:38

Tgt Ion:130 Resp: 38646
 Ion Ratio Lower Upper
 130 100
 95 92.0 0.0 188.0





#50

Toluene-d8

Concen: 50.701 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013207.D

Acq: 21 Sep 2019 02:38

Instrument :

MSVOA_W

ClientSampleId :

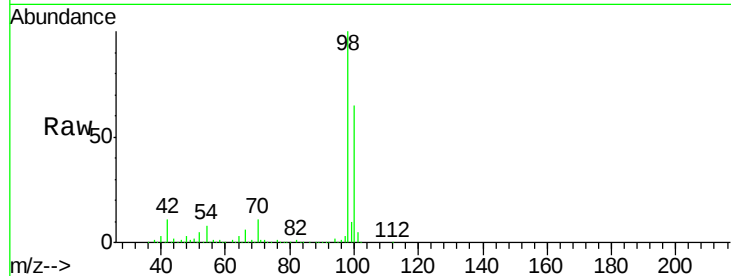
982-S-3-(19)

Tot Ion: 98 Resp: 669126

Ion Ratio Lower Upper

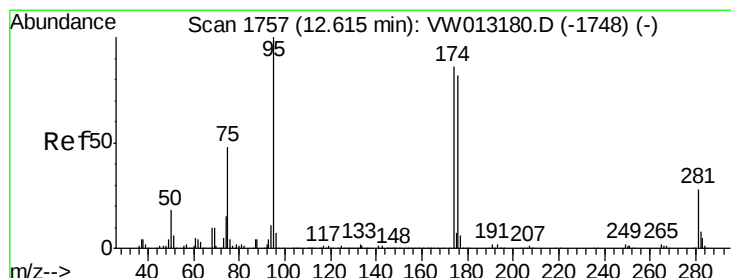
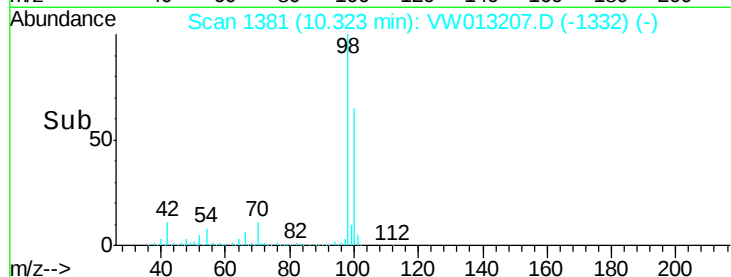
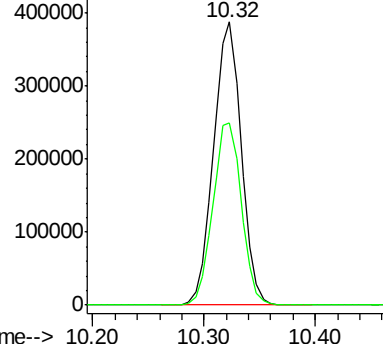
98 100

100 66.5 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: 40.144 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013207.D

Acq: 21 Sep 2019 02:38

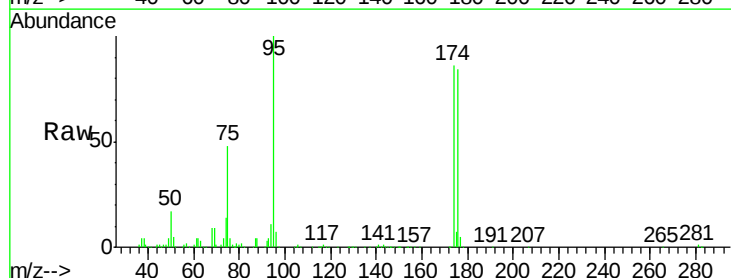
Tgt Ion: 95 Resp: 180976

Ion Ratio Lower Upper

95 100

174 88.3 0.0 178.4

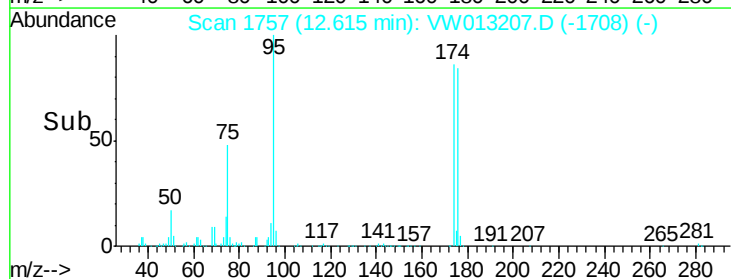
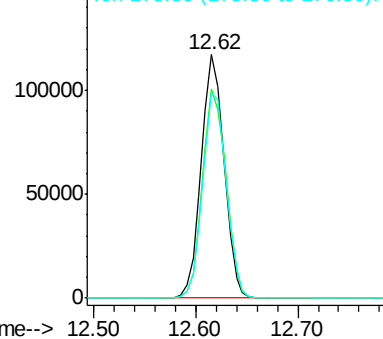
176 87.1 0.0 172.2

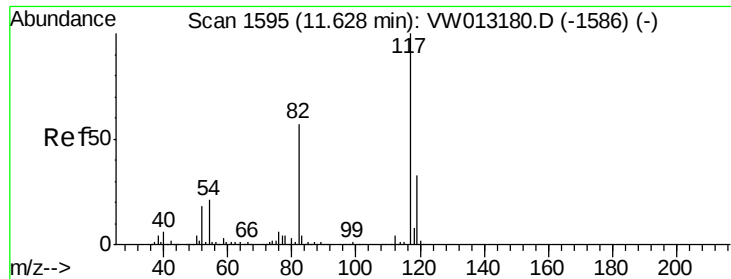


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

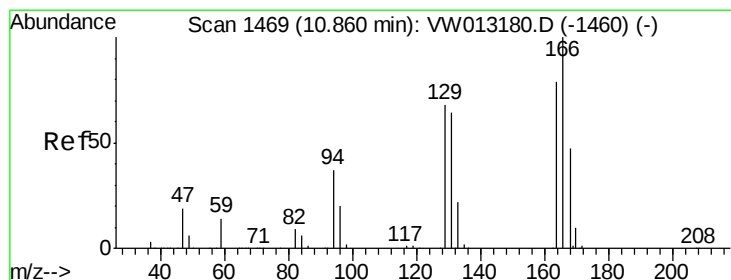
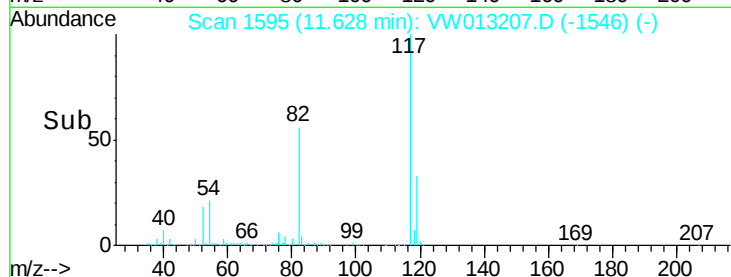
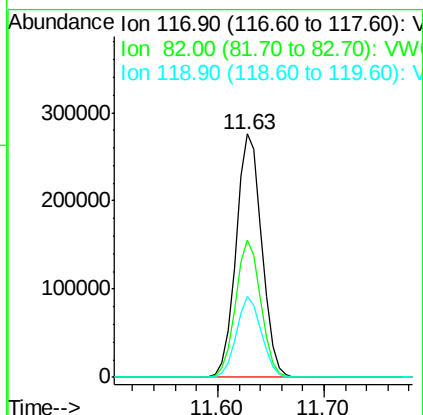
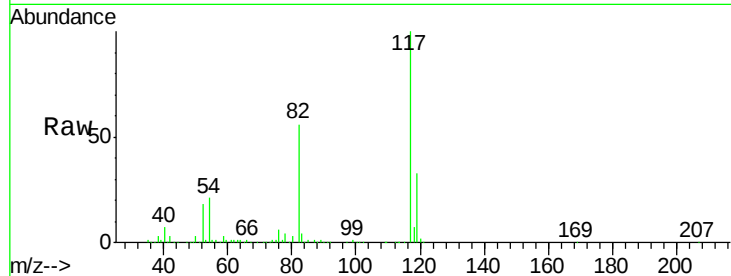




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013207.D
Acq: 21 Sep 2019 02:38

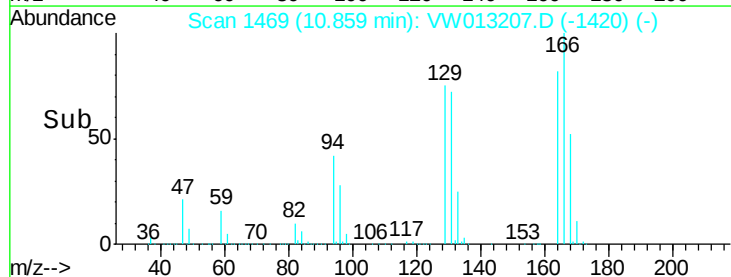
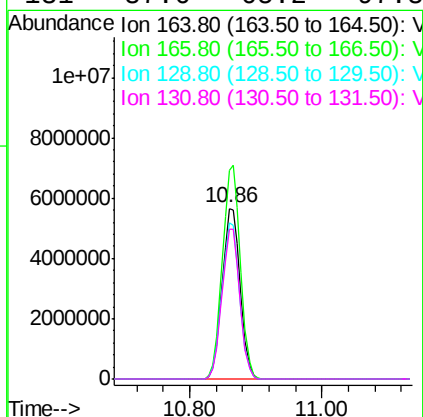
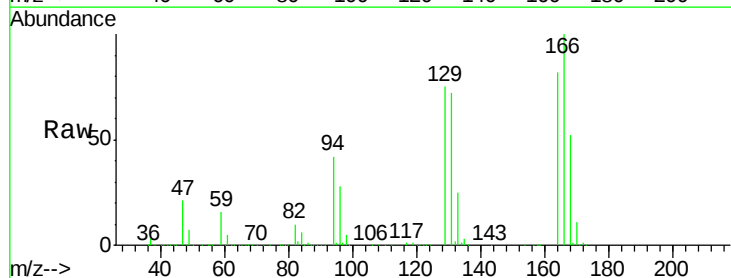
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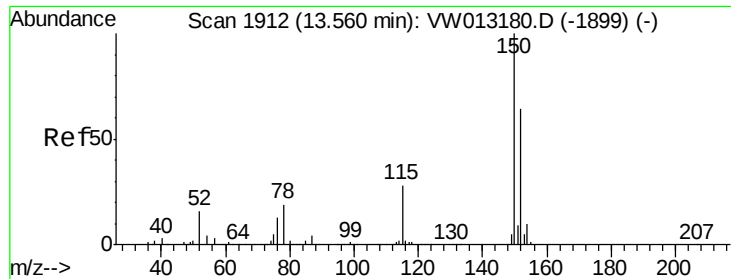
Tot Ion:117 Resp: 467016
Ion Ratio Lower Upper
117 100
82 56.2 45.9 68.9
119 33.1 26.2 39.2



#64
Tetrachloroethene
Concen: 2984.020 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW013207.D
Acq: 21 Sep 2019 02:38

Tgt Ion:164 Resp:10573618
Ion Ratio Lower Upper
164 100
166 122.4 101.2 151.8
129 91.6 68.8 103.2
131 87.6 65.2 97.8

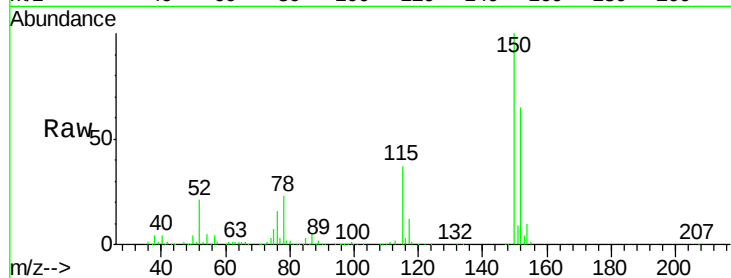




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.55 min Scan# 1911
 Delta R.T. -0.01 min
 Lab File: VW013207.D
 Acq: 21 Sep 2019 02:38

Instrument :
 MSVOA_W
 ClientSampleId :
 982-S-3-(19)

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.3	27.3	81.9
150	156.8	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

