

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091819\
 Data File : VW013122.D
 Acq On : 18 Sep 2019 19:03
 Operator : SY/VA
 Sample : K4942-01
 Misc : 4.45G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-1

Quant Time: Sep 19 09:07:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 13 17:26:01 2019
 Response via : Initial Calibration

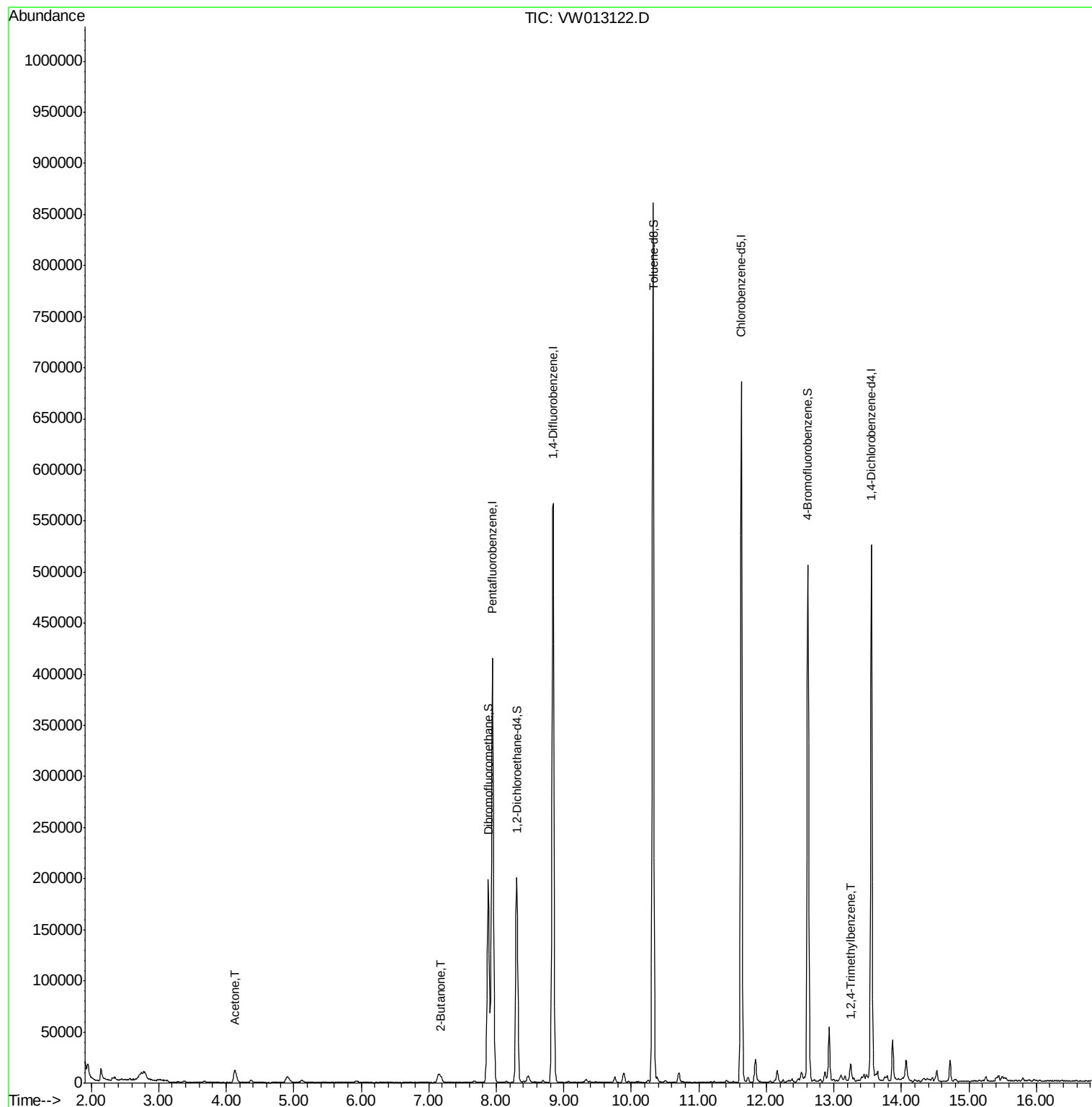
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	337479	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	510606	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	399150	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	148039	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	155804	49.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.98%	
35) Dibromofluoromethane	7.88	113	144322	52.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.18%	
50) Toluene-d8	10.32	98	578771	53.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.76%	
62) 4-Bromofluorobenzene	12.62	95	165097	42.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.70%	
Target Compounds						
16) Acetone	4.13	43	24251	17.692	ug/l	95
25) 2-Butanone	7.18	43	8277	8.351	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	10035	1.223	ug/l	98

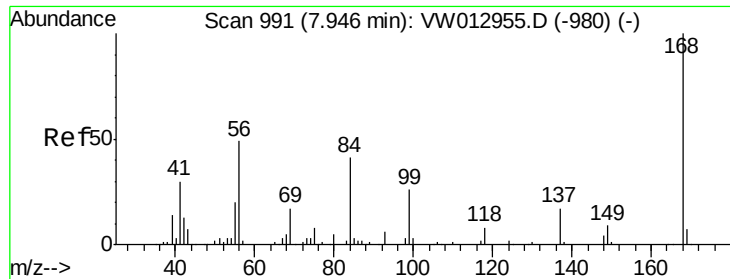
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VW013122.D

Acq: 18 Sep 2019 19:03

Instrument :

MSVOA_W

ClientSampleId :

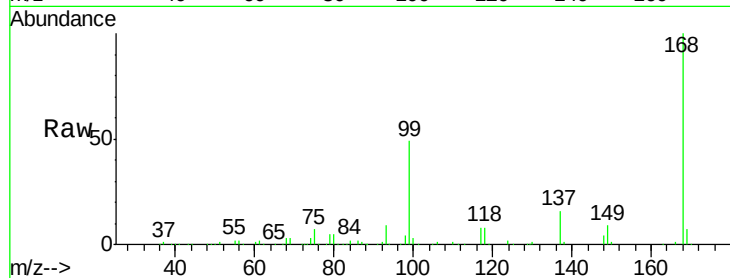
TP-1

Tot Ion:168 Resp: 337479

Ion Ratio Lower Upper

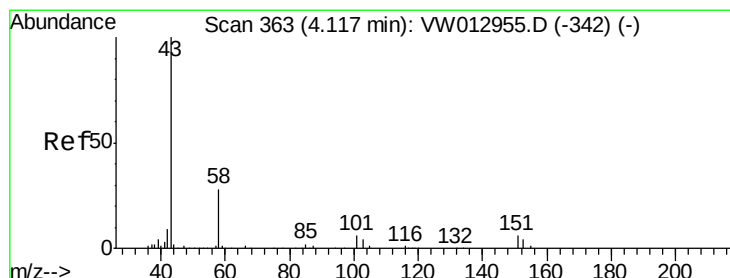
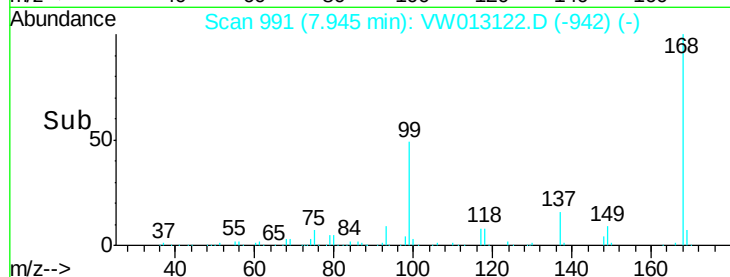
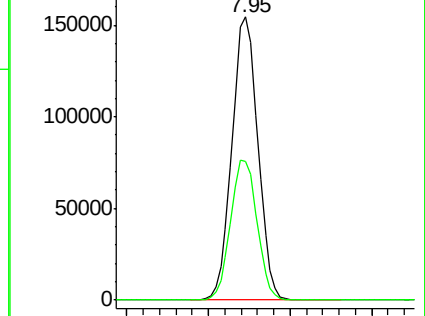
168 100

99 49.0 46.2 69.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 17.692 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW013122.D

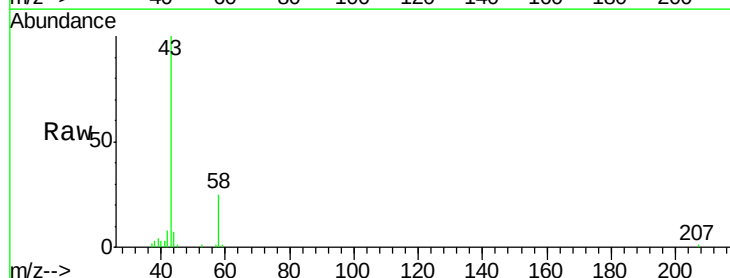
Acq: 18 Sep 2019 19:03

Tgt Ion: 43 Resp: 24251

Ion Ratio Lower Upper

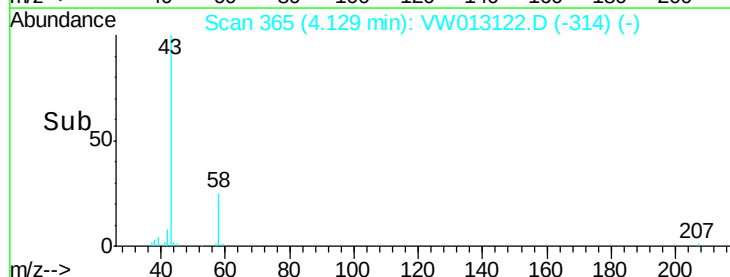
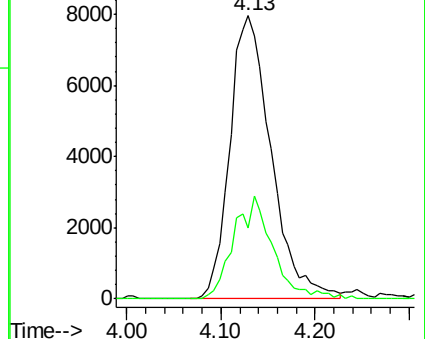
43 100

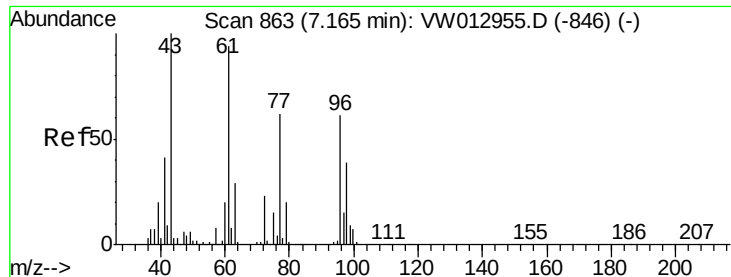
58 25.2 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#25

2-Butanone

Concen: 8.351 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW013122.D

Acq: 18 Sep 2019 19:03

Instrument :

MSVOA_W

ClientSampled :

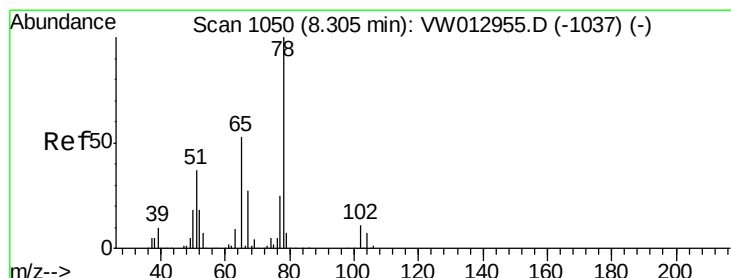
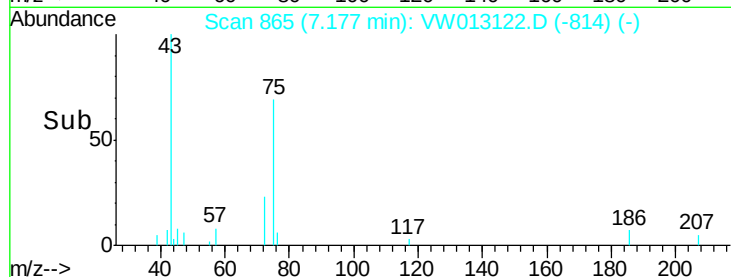
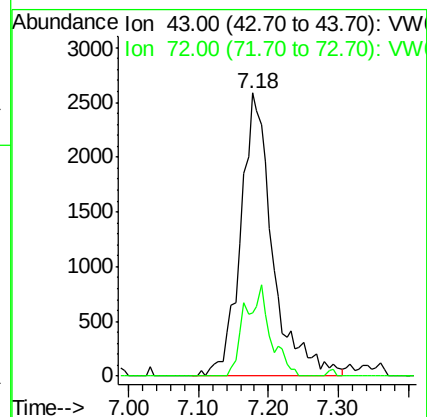
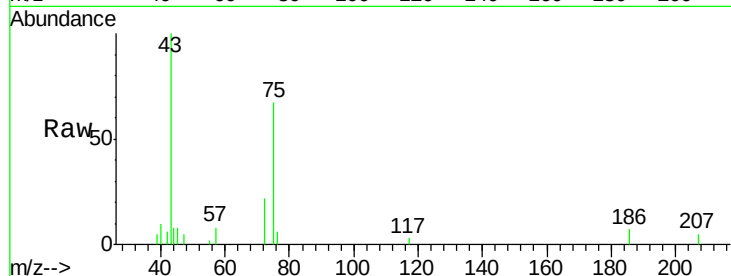
TP-1

Tot Ion: 43 Resp: 8277

Ion Ratio Lower Upper

43 100

72 22.2 18.2 27.4



#33

1,2-Dichloroethane-d4

Concen: 49.988 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW013122.D

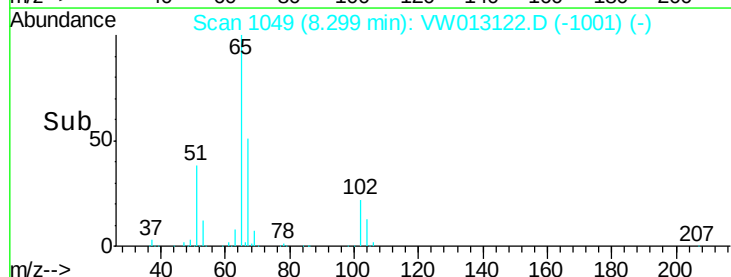
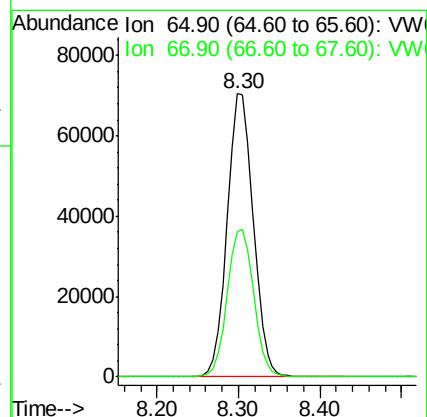
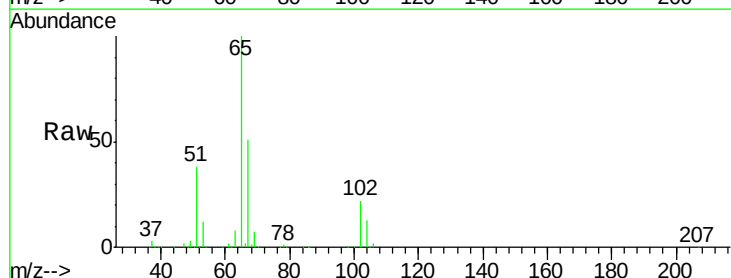
Acq: 18 Sep 2019 19:03

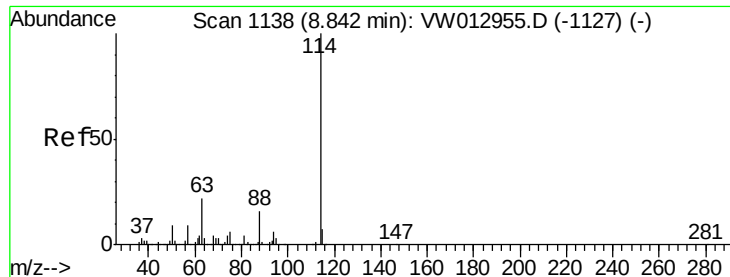
Tgt Ion: 65 Resp: 155804

Ion Ratio Lower Upper

65 100

67 52.7 0.0 101.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW013122.D

Acq: 18 Sep 2019 19:03

Instrument :

MSVOA_W

ClientSampleId :

TP-1

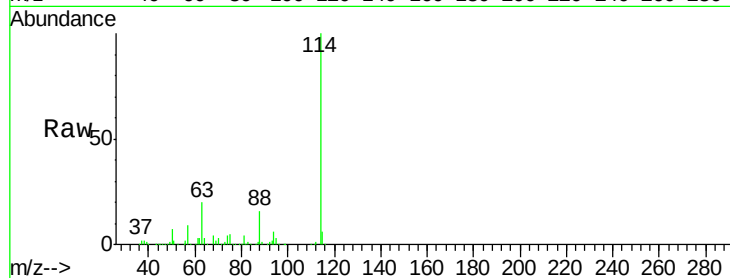
Tot Ion:114 Resp: 510606

Ion Ratio Lower Upper

114 100

63 20.2 0.0 43.4

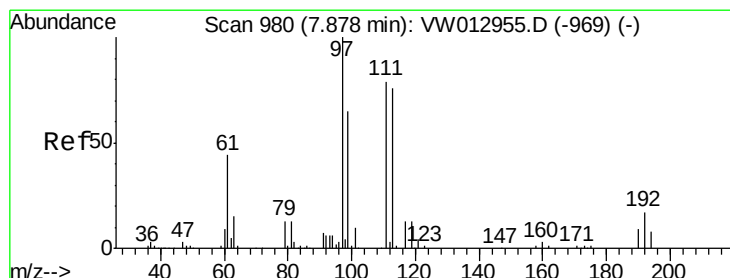
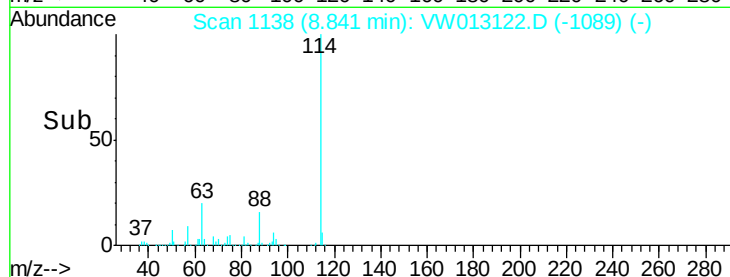
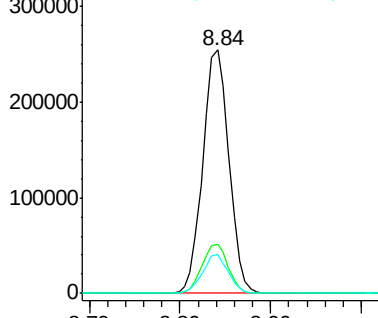
88 15.8 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35

Dibromofluoromethane

Concen: 52.090 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW013122.D

Acq: 18 Sep 2019 19:03

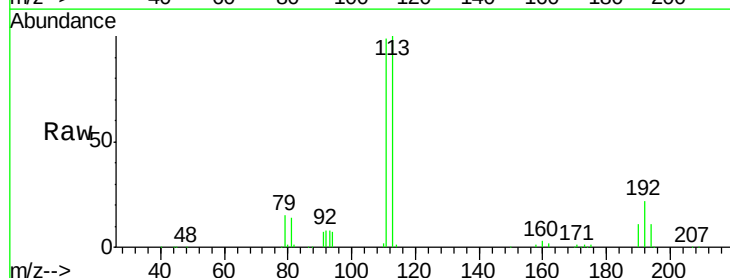
Tgt Ion:113 Resp: 144322

Ion Ratio Lower Upper

113 100

111 103.9 82.8 124.2

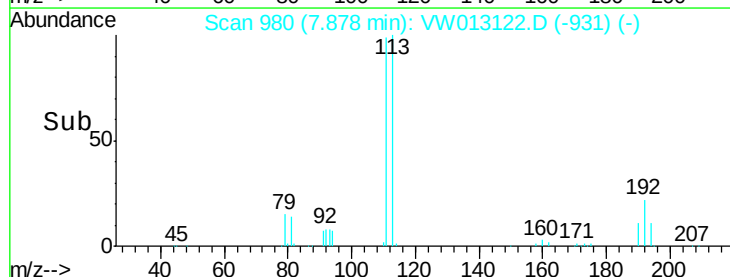
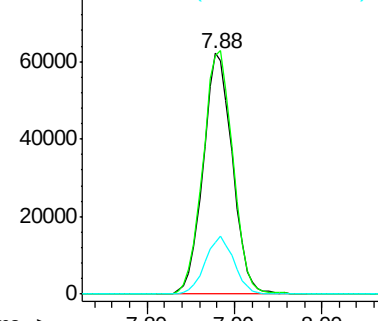
192 23.6 17.8 26.8

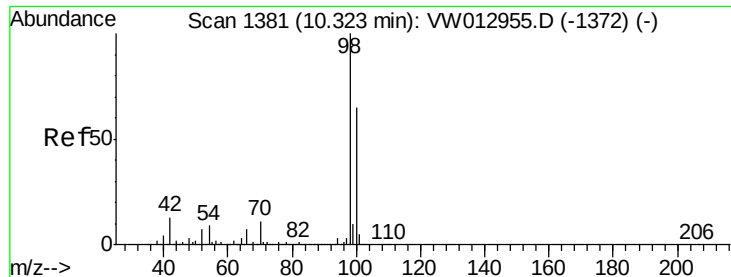


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

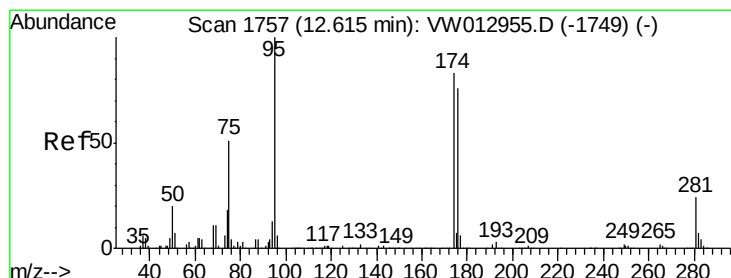
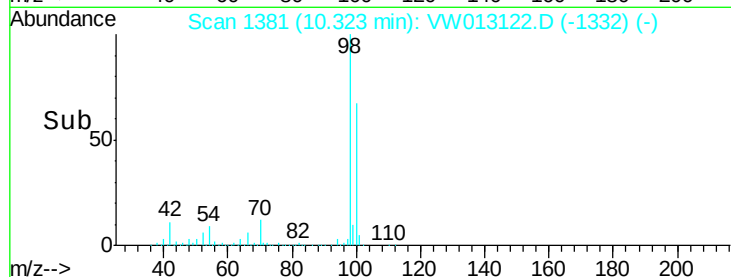
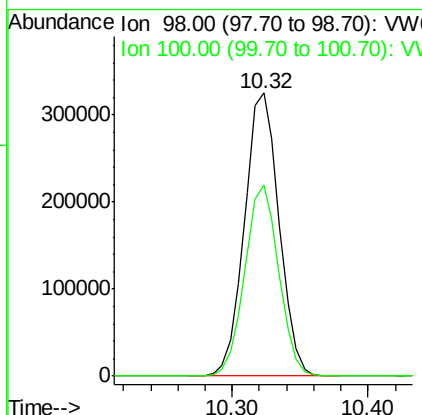
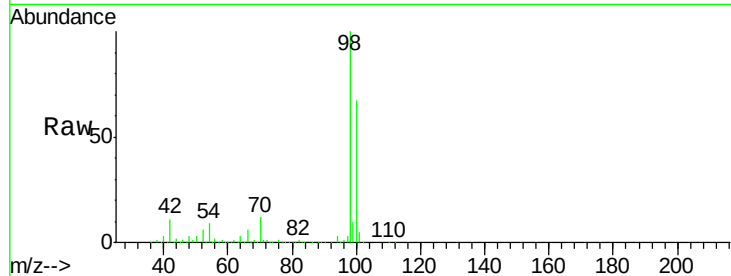




#50
Toluene-d8
Concen: 53.384 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013122.D
Acq: 18 Sep 2019 19:03

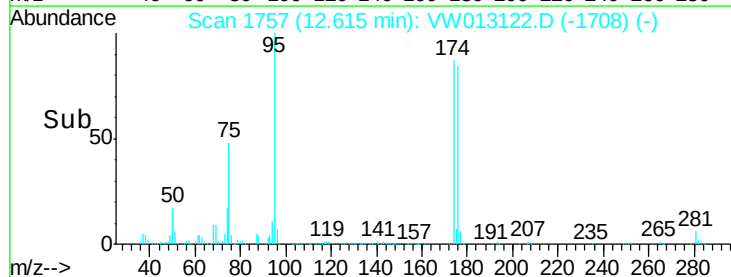
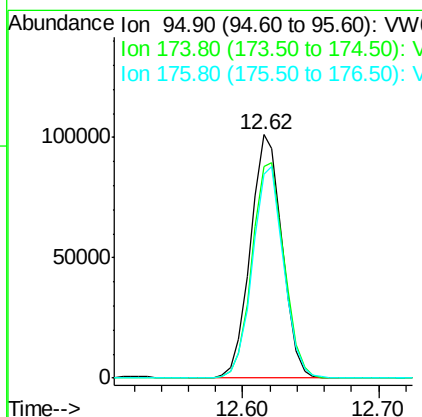
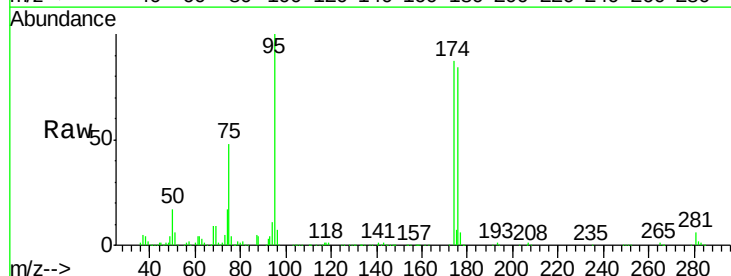
Instrument :
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ClientSampleId :
TP-1

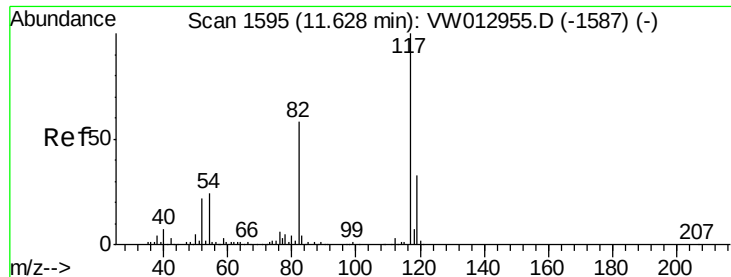
Tot Ion: 98 Resp: 578771
Ion Ratio Lower Upper
98 100
100 66.4 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 42.349 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW013122.D
Acq: 18 Sep 2019 19:03

Tgt Ion: 95 Resp: 165097
Ion Ratio Lower Upper
95 100
174 90.0 0.0 170.4
176 85.5 0.0 164.6

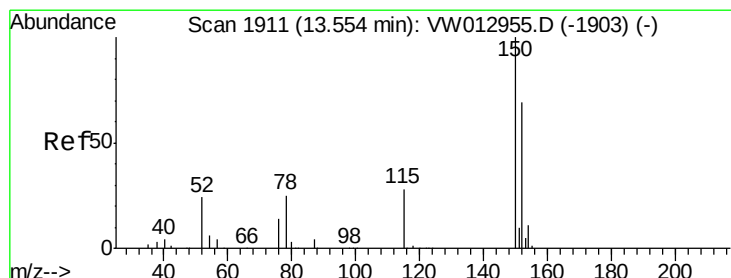
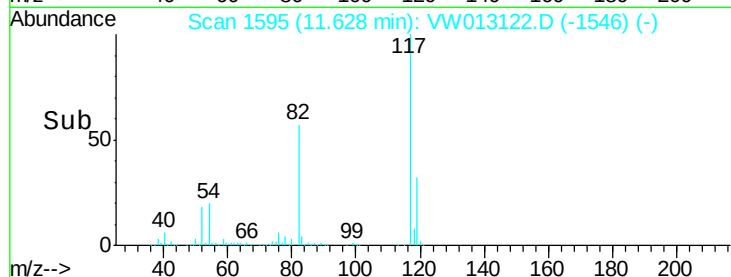
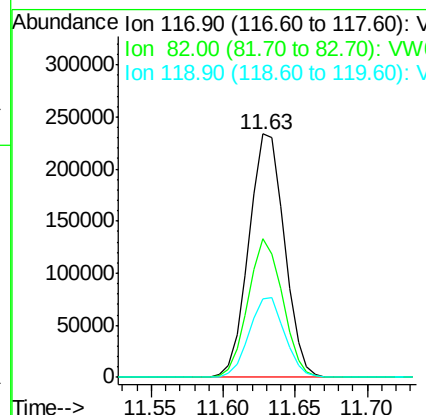
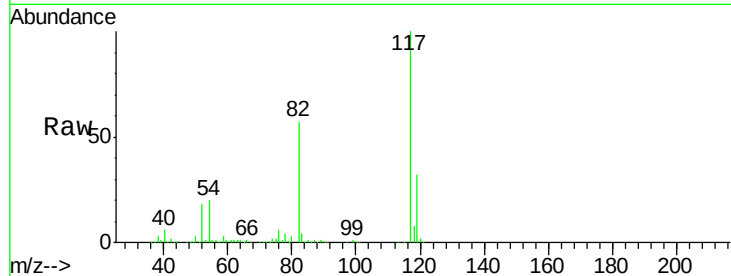




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013122.D
Acq: 18 Sep 2019 19:03

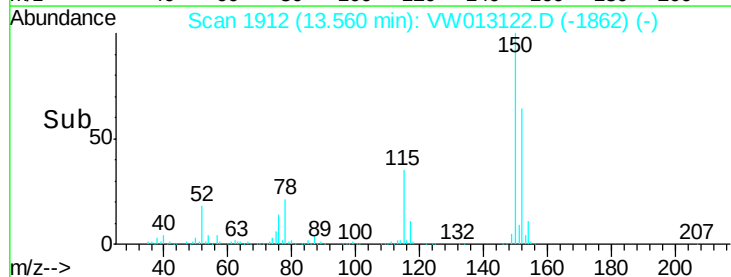
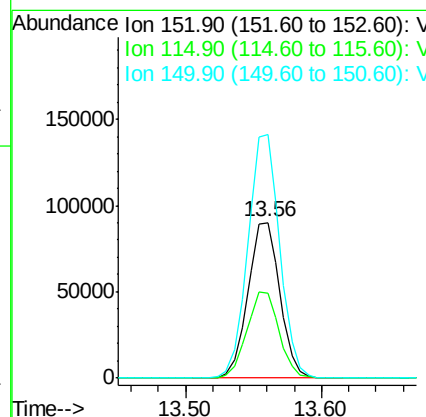
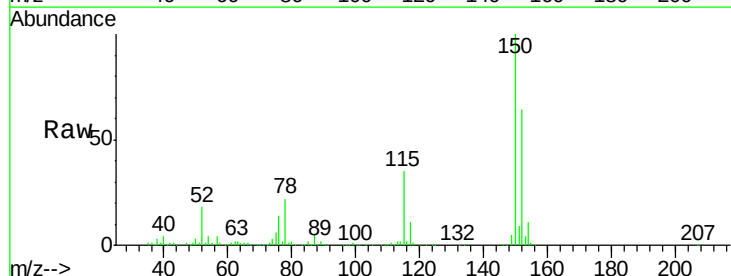
Instrument :
MSVOA_W
ClientSampleId :
TP-1

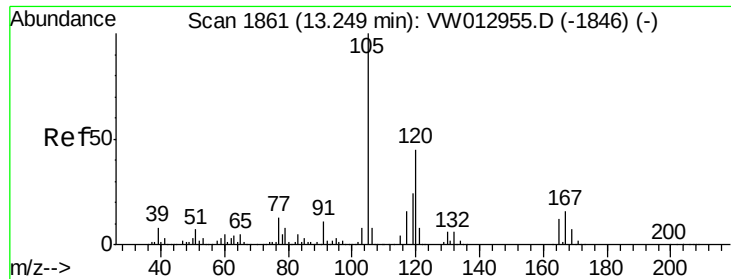
Tot Ion	Ratio	Lower	Upper
117	100		
82	57.2	46.3	69.5
119	32.1	26.2	39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.01 min
Lab File: VW013122.D
Acq: 18 Sep 2019 19:03

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.1	28.8	86.4
150	155.9	0.0	340.2





#84
 1,2,4-Trimethylbenzene
 Concen: 1.223 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW013122.D
 Acq: 18 Sep 2019 19:03

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-1

Tot Ion:105 Resp: 10035
 Ion Ratio Lower Upper
 105 100
 120 42.8 21.9 65.7

