

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062520\
 Data File : VW015723.D
 Acq On : 25 Jun 2020 12:46
 Operator : SY/VA
 Sample : L2818-07
 Misc : 5.93G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TR-05-062320

Quant Time: Jun 26 02:59:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 23 13:20:19 2020
 Response via : Initial Calibration

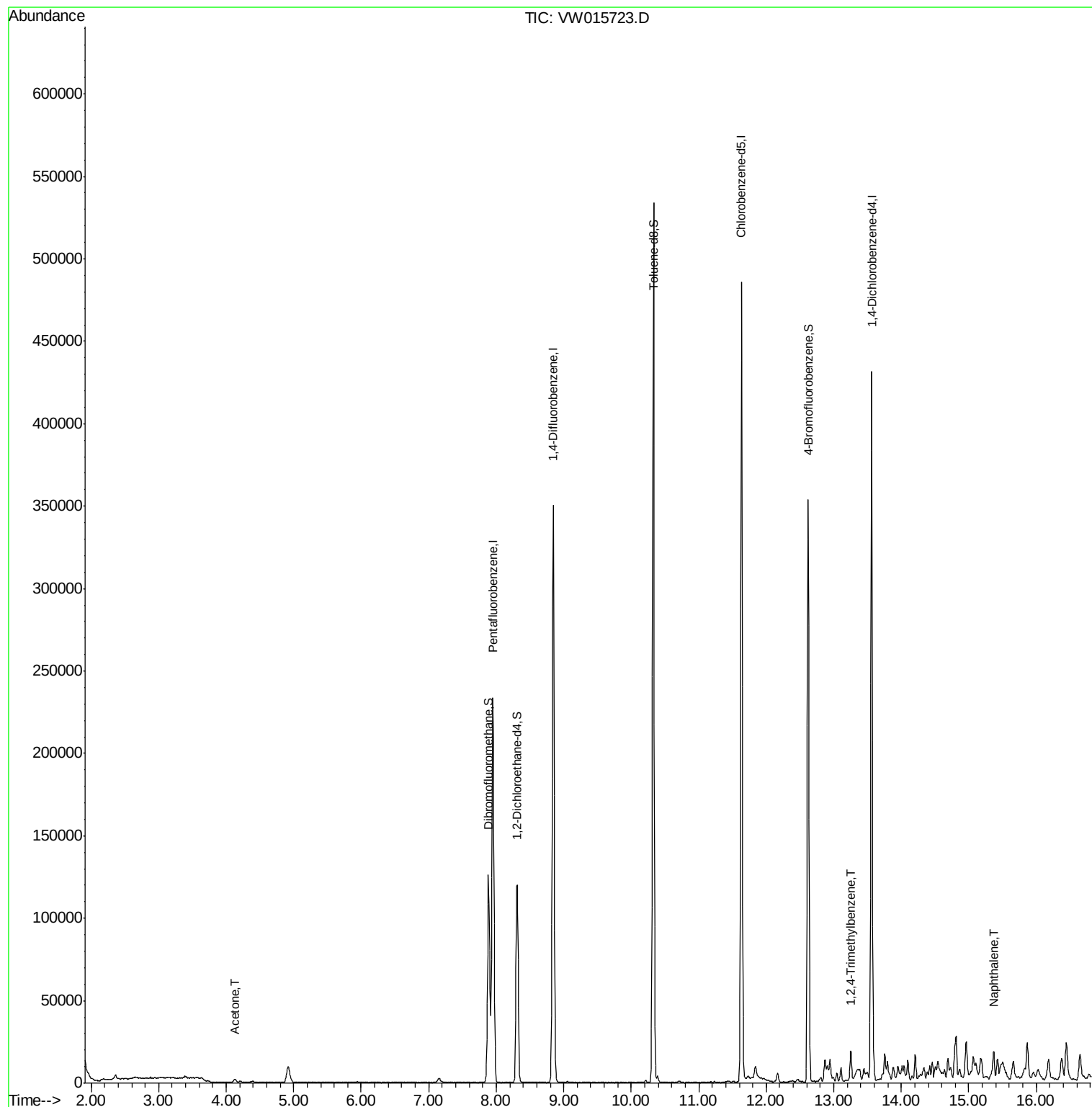
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	172054	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	292472	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	255277	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	108991	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	100347	52.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.84%	
35) Dibromofluoromethane	7.88	113	87909	47.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.56%	
50) Toluene-d8	10.33	98	352859	48.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.48%	
62) 4-Bromofluorobenzene	12.62	95	115381	43.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.54%	
Target Compounds						
16) Acetone	4.13	43	3790	10.414	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	9894	1.408	ug/l	97
95) Naphthalene	15.37	128	12962	3.729	ug/l #	97

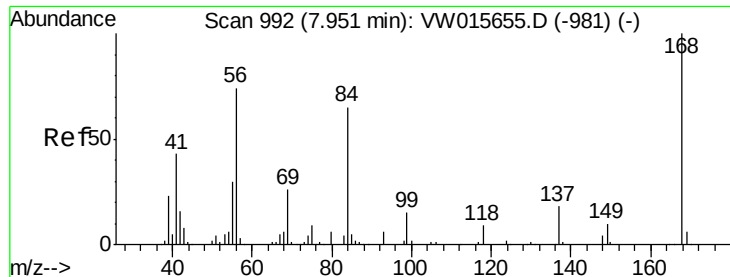
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW015723.D

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Instrument :

MSVOA_W

ClientSampleId :

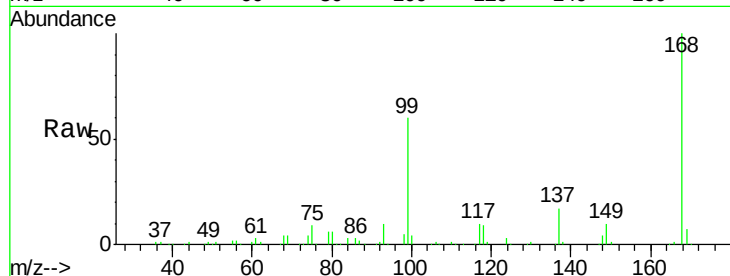
TR-05-062320

Tot Ion:168 Resp: 172054

Ion Ratio Lower Upper

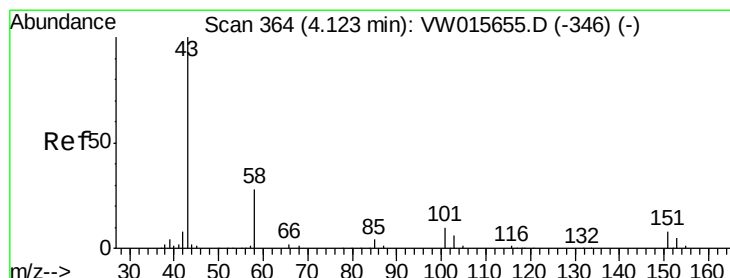
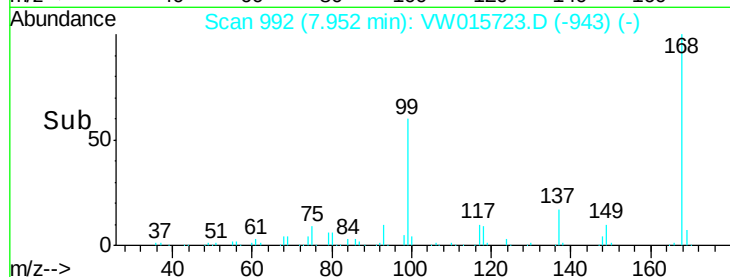
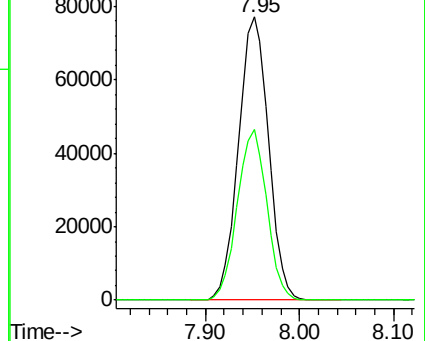
168 100

99 60.4 48.6 73.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 10.414 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW015723.D

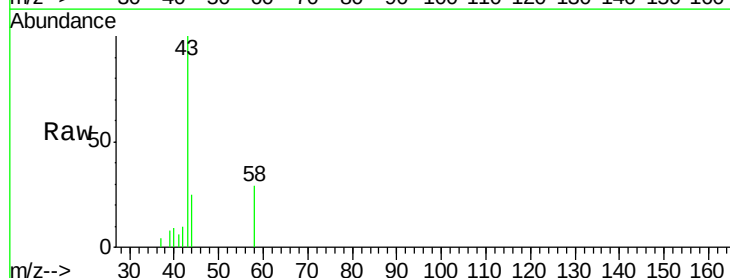
Acq: 25 Jun 2020 12:46

Tgt Ion: 43 Resp: 3790

Ion Ratio Lower Upper

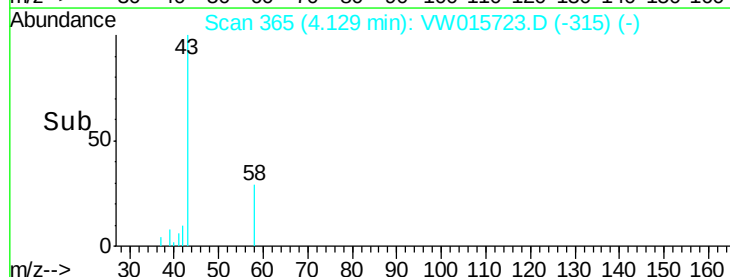
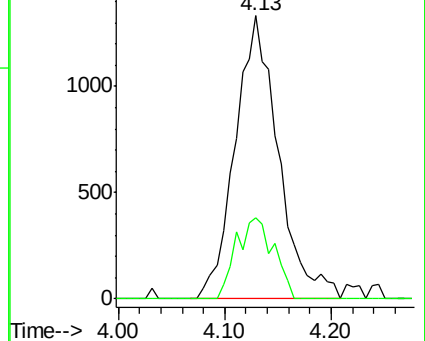
43 100

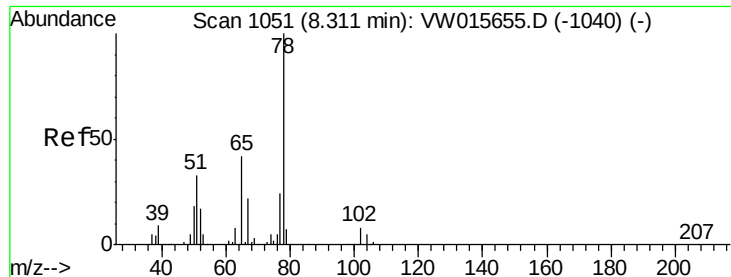
58 28.5 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

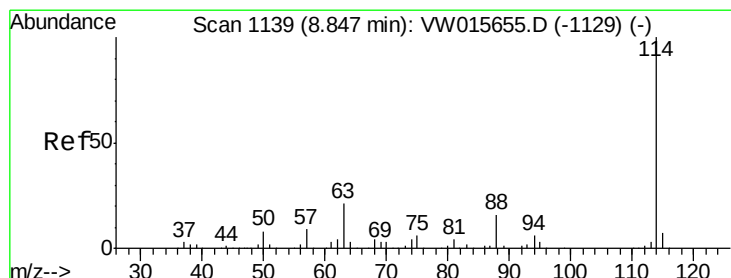
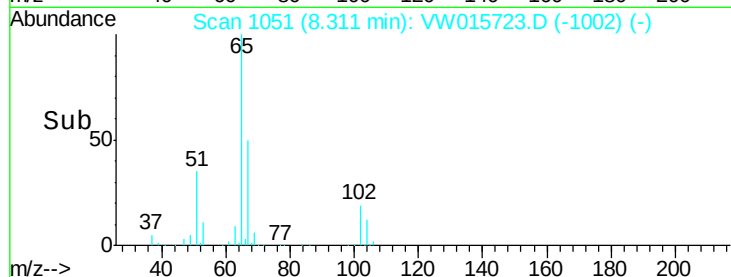
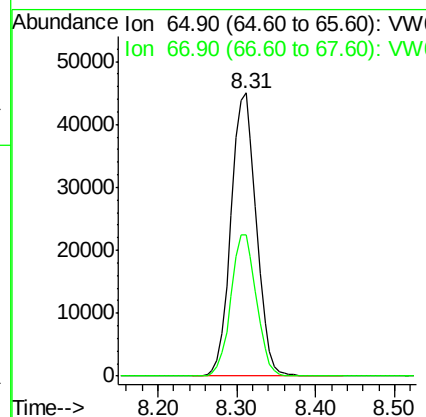
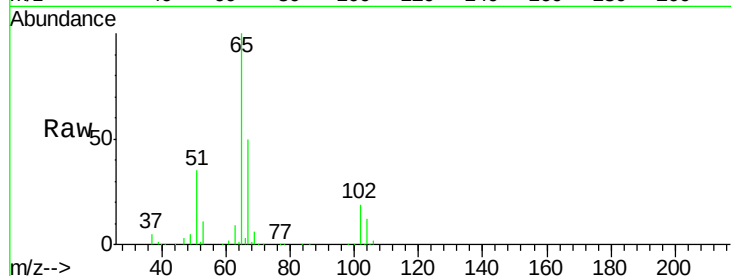




#33
 1,2-Dichloroethane-d4
 Concen: 52.419 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW015723.D
 Acq: 25 Jun 2020 12:46

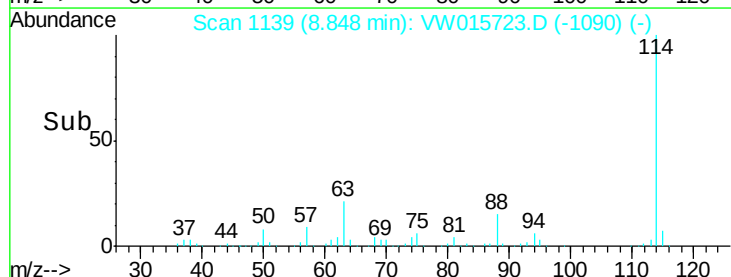
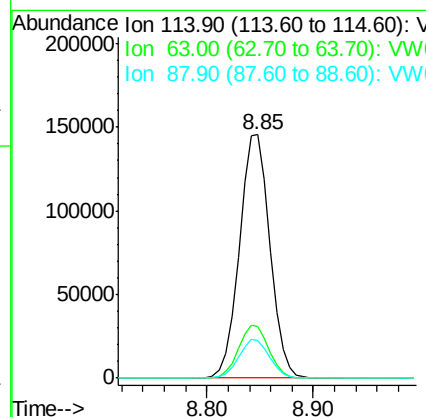
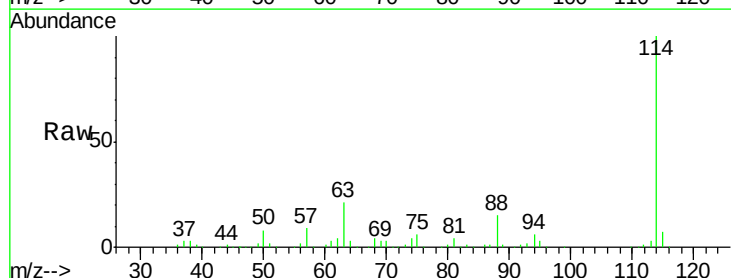
Instrument :
 MSVOA_W
 ClientSampleId :
 TR-05-062320

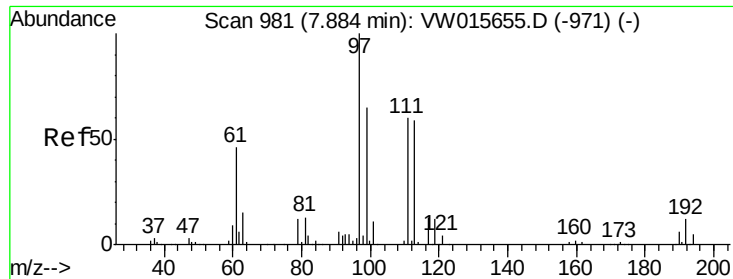
Tot Ion: 65 Resp: 100347
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW015723.D
 Acq: 25 Jun 2020 12:46

Tgt Ion: 114 Resp: 292472
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 42.4
 88 15.2 0.0 32.6

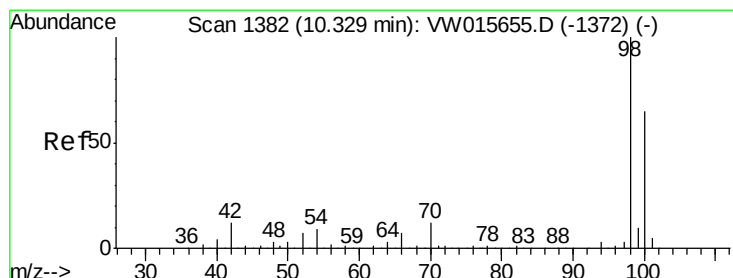
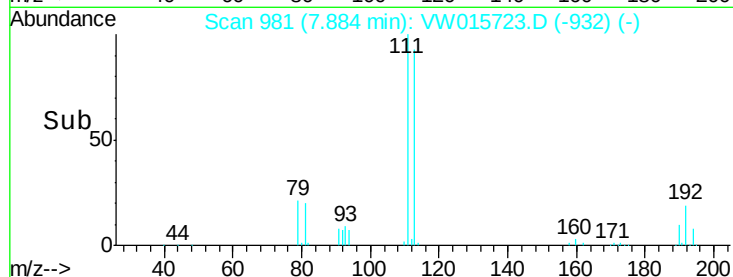
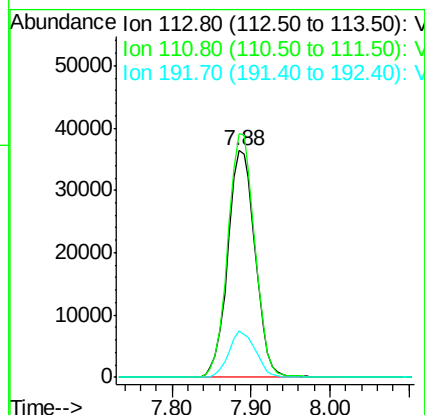
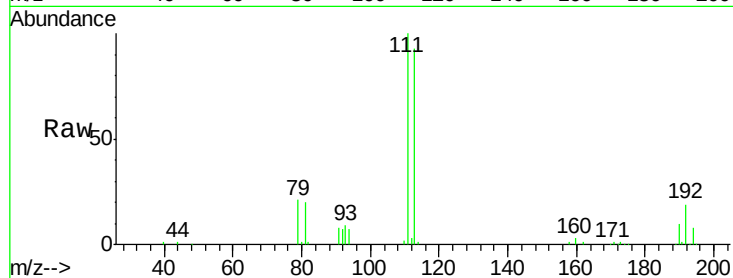




#35
 Dibromofluoromethane
 Concen: 47.783 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW015723.D
 Acq: 25 Jun 2020 12:46

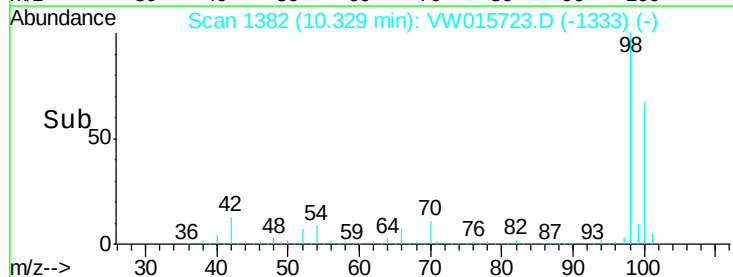
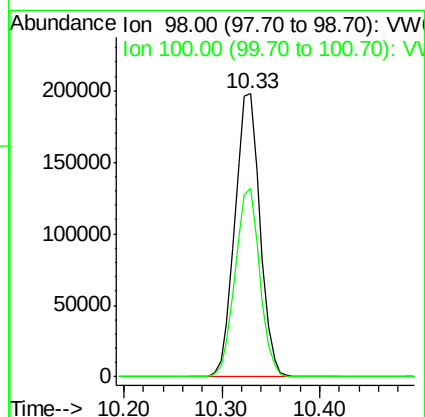
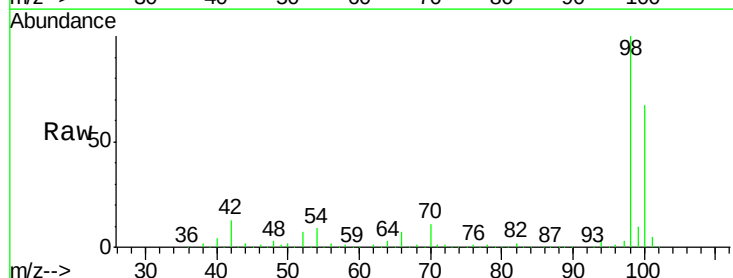
Instrument :
 MSVOA_W
 ClientSampleId :
 TR-05-062320

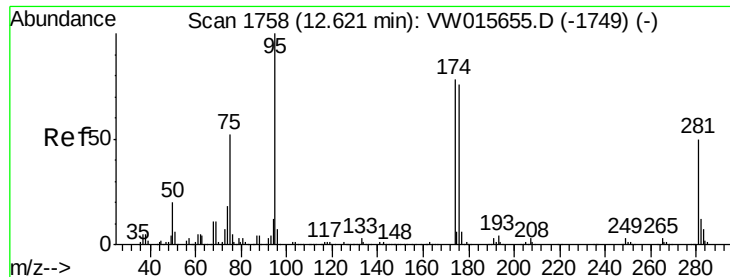
Tot Ion:113 Resp: 87909
 Ion Ratio Lower Upper
 113 100
 111 105.9 82.3 123.5
 192 19.8 16.4 24.6



#50
 Toluene-d8
 Concen: 48.737 ug/l
 RT: 10.33 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: VW015723.D
 Acq: 25 Jun 2020 12:46

Tgt Ion: 98 Resp: 352859
 Ion Ratio Lower Upper
 98 100
 100 65.3 52.8 79.2

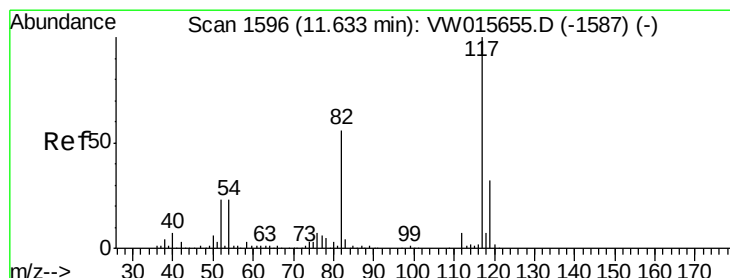
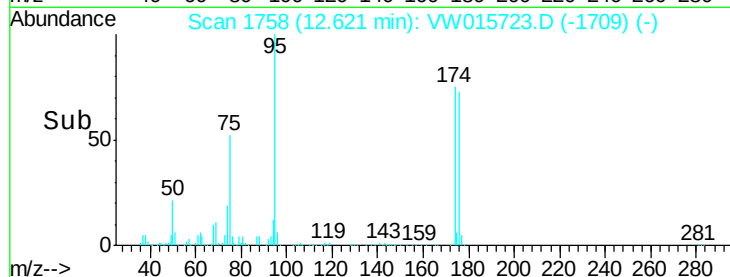
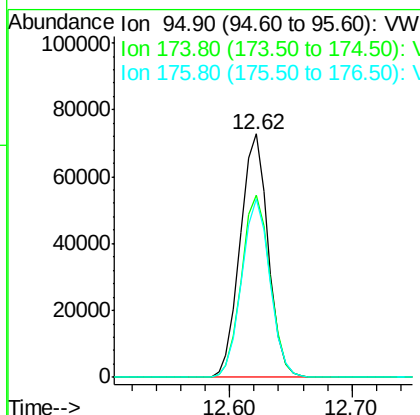
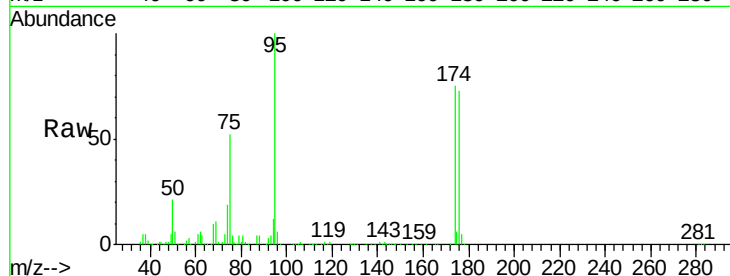




#62
4-Bromofluorobenzene
Concen: 43.273 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW015723.D
Acq: 25 Jun 2020 12:46

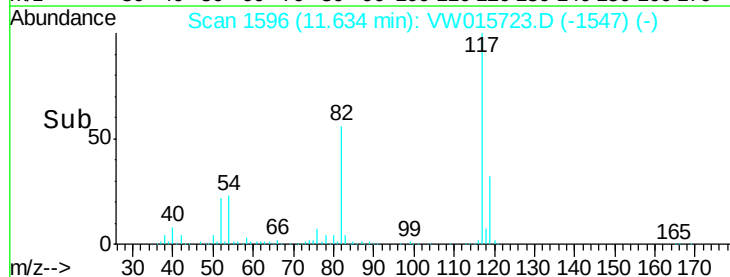
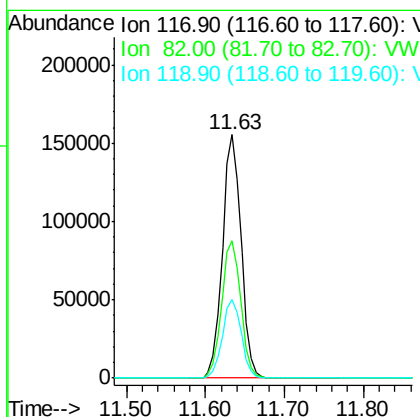
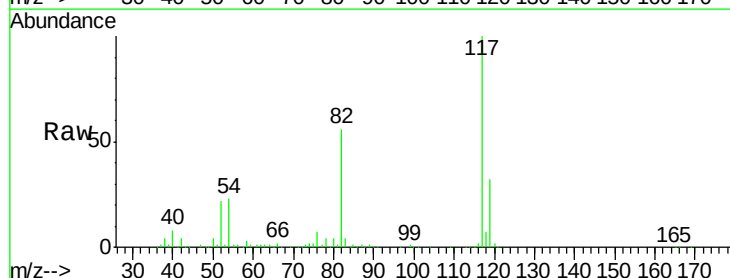
Instrument :
MSVOA_W
ClientSampleId :
TR-05-062320

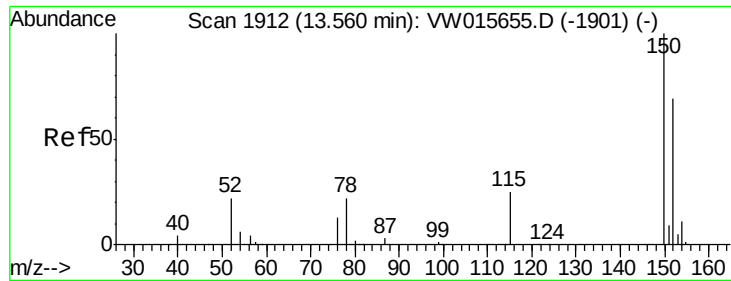
Tot Ion: 95 Resp: 115381
Ion Ratio Lower Upper
95 100
174 76.8 0.0 157.0
176 74.1 0.0 151.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW015723.D
Acq: 25 Jun 2020 12:46

Tgt Ion: 117 Resp: 255277
Ion Ratio Lower Upper
117 100
82 56.2 45.1 67.7
119 32.2 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW015723.D

Acq: 25 Jun 2020 12:46

Instrument :

MSVOA_W

ClientSampled :

TR-05-062320

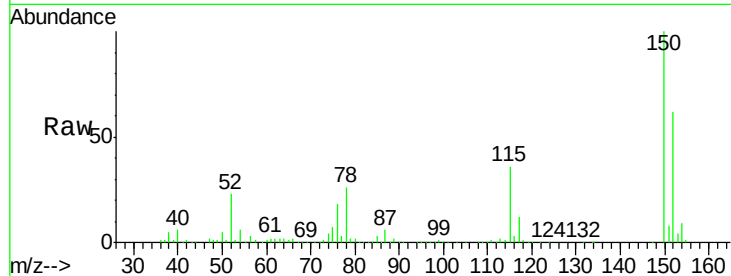
Tot Ion:152 Resp: 108991

Ion Ratio Lower Upper

152 100

115 59.4 30.1 90.5

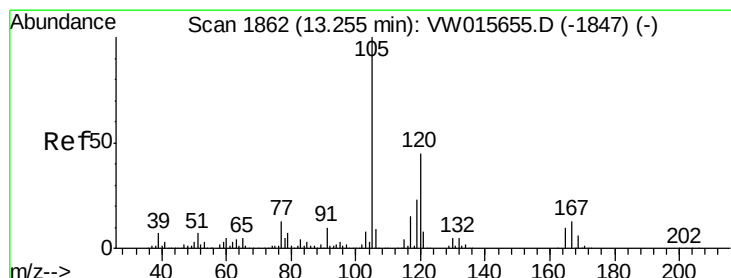
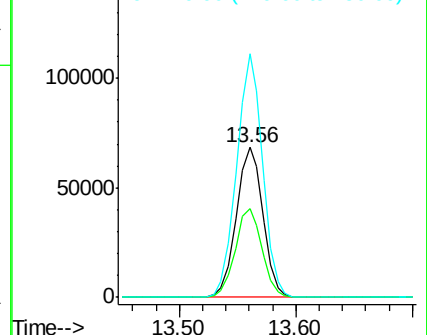
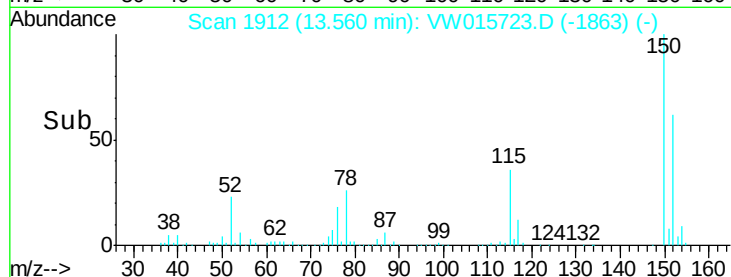
150 157.7 0.0 345.6



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



#84

1,2,4-Trimethylbenzene

Concen: 1.408 ug/l

RT: 13.25 min Scan# 1861

Delta R.T. -0.01 min

Lab File: VW015723.D

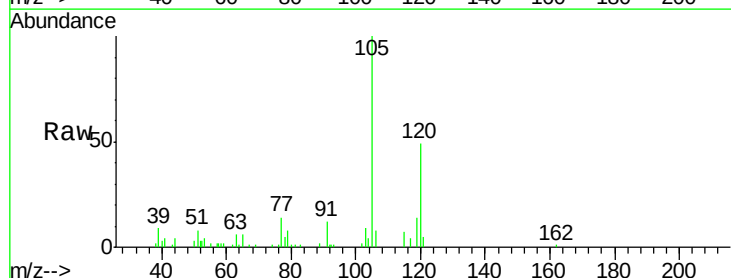
Acq: 25 Jun 2020 12:46

Tgt Ion:105 Resp: 9894

Ion Ratio Lower Upper

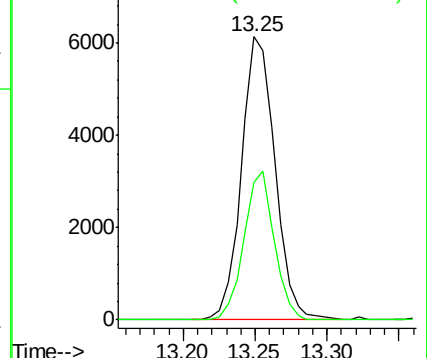
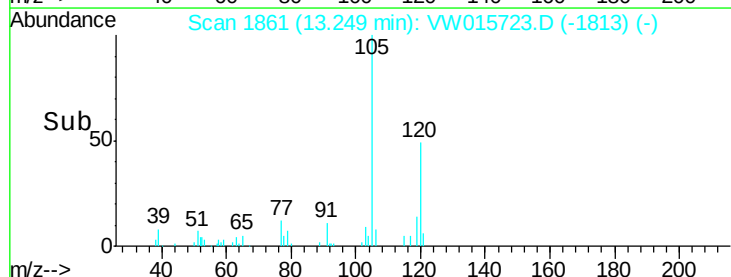
105 100

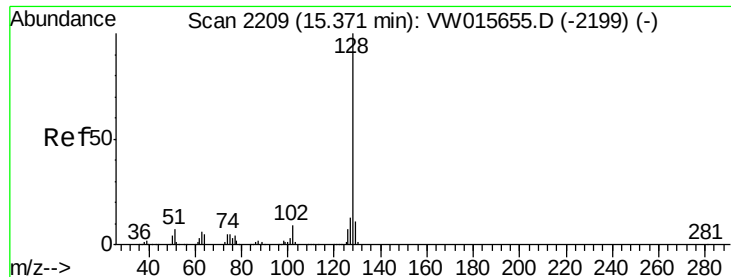
120 47.5 22.8 68.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

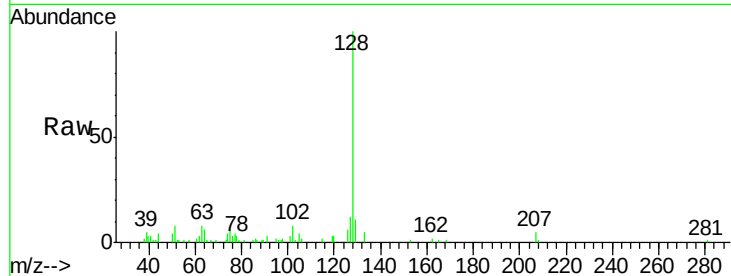




#95
Naphthalene
Concen: 3.729 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW015723.D
Acq: 25 Jun 2020 12:46

Instrument :
MSVOA_W
ClientSampleId :
TR-05-062320

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.5	15.7
129	13.5	8.8	13.2



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

