

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081420\
 Data File : VW016195.D
 Acq On : 14 Aug 2020 16:33
 Operator : SY/VA
 Sample : L3662-09
 Misc : 5.53G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 N48765

Quant Time: Aug 17 08:50:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081420S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 17 08:01:41 2020
 Response via : Initial Calibration

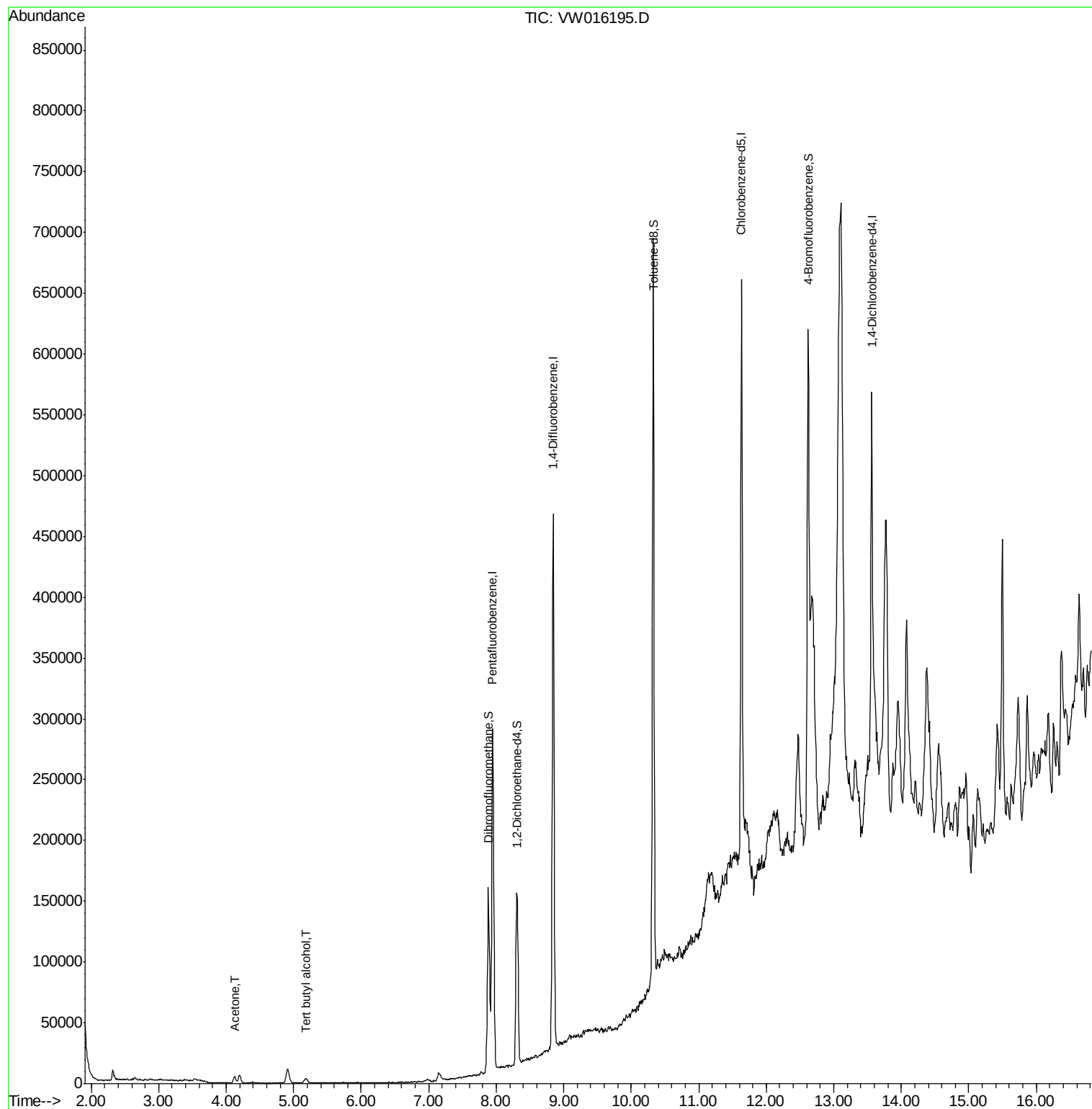
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	210073	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	378731	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	277921	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	80241	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	114471	55.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.76%	
35) Dibromofluoromethane	7.88	113	112722	48.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.48%	
50) Toluene-d8	10.32	98	414774	45.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.70%	
62) 4-Bromofluorobenzene	12.62	95	136423	42.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.38%	
Target Compounds						
11) Tert butyl alcohol	5.18	59	7232	66.330	ug/l	100
16) Acetone	4.12	43	9764	24.879	ug/l	90

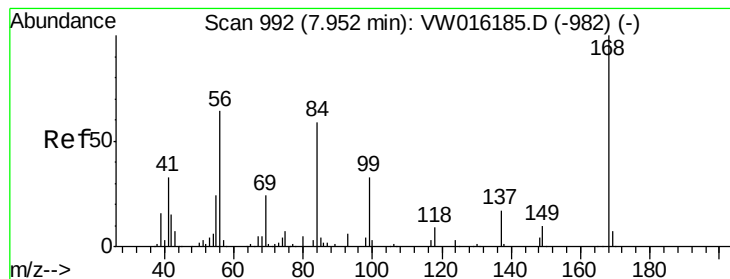
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW016195.D

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Instrument :

MSVOA_W

ClientSampleId :

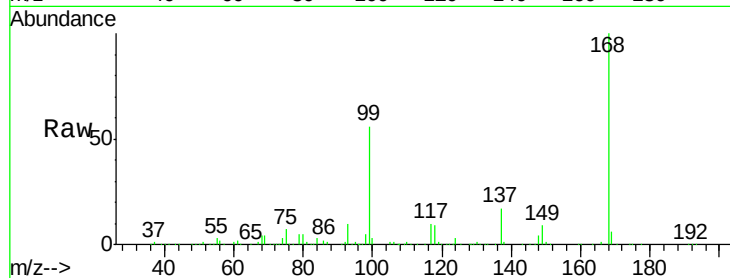
N48765

Tot Ion:168 Resp: 210073

Ion Ratio Lower Upper

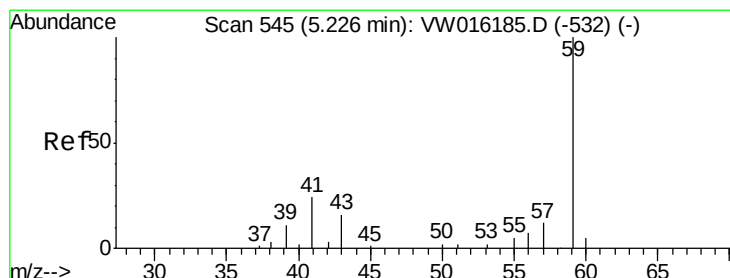
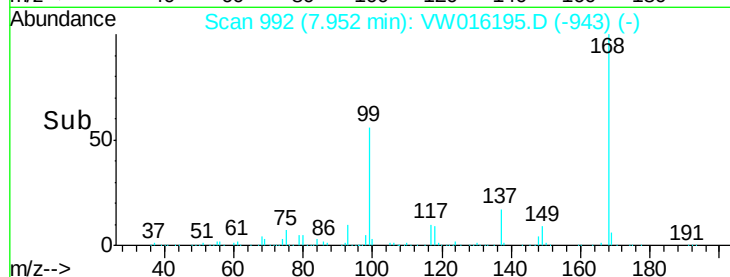
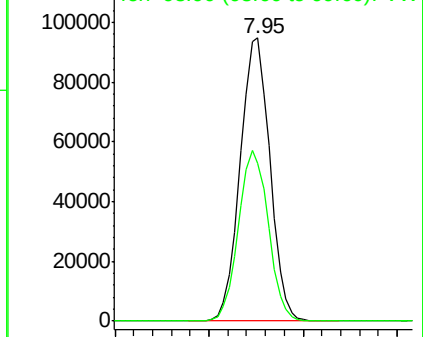
168 100

99 55.9 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 66.330 ug/l

RT: 5.18 min Scan# 537

Delta R.T. -0.05 min

Lab File: VW016195.D

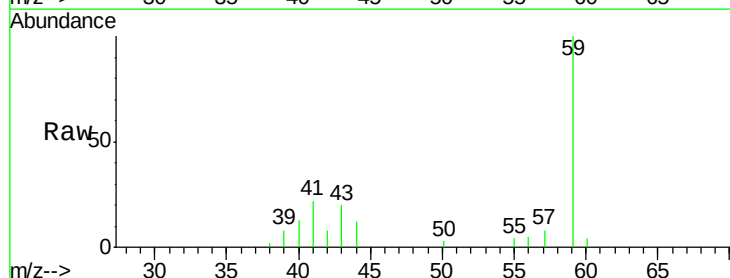
Acq: 14 Aug 2020 16:33

Tgt Ion: 59 Resp: 7232

Ion Ratio Lower Upper

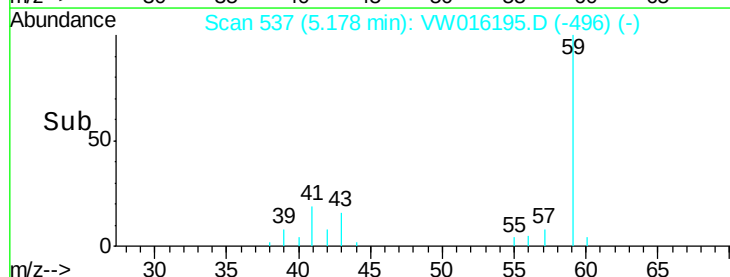
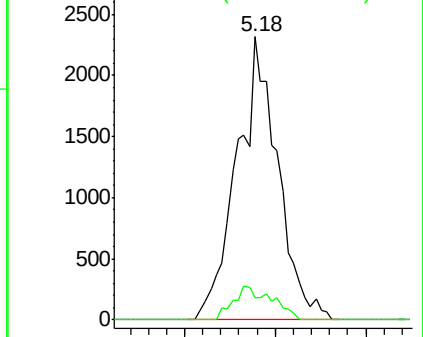
59 100

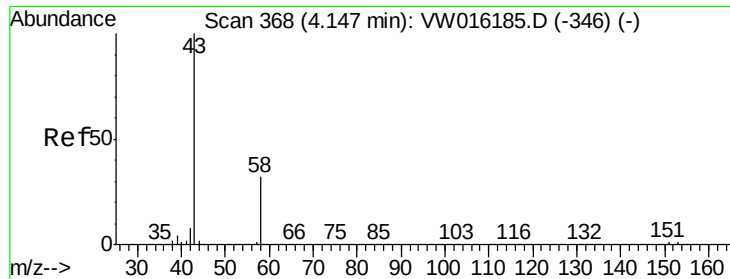
57 11.2 9.0 13.6



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 24.879 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.02 min

Lab File: VW016195.D

Acq: 14 Aug 2020 16:33

Instrument :

MSVOA_W

ClientSampleId :

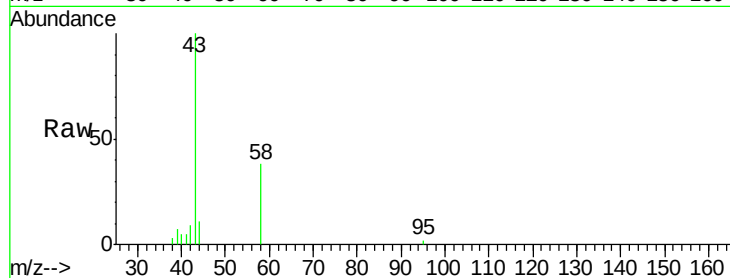
N48765

Tot Ion: 43 Resp: 9764

Ion Ratio Lower Upper

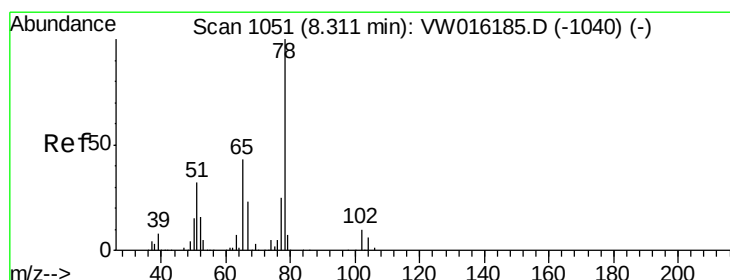
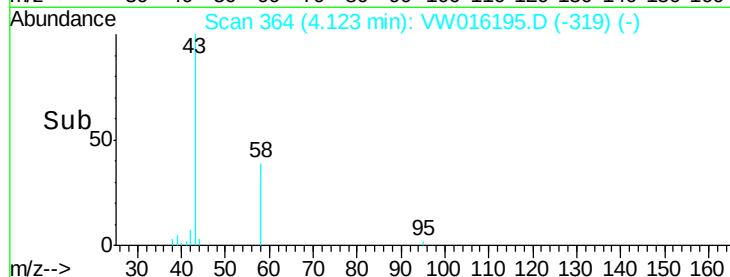
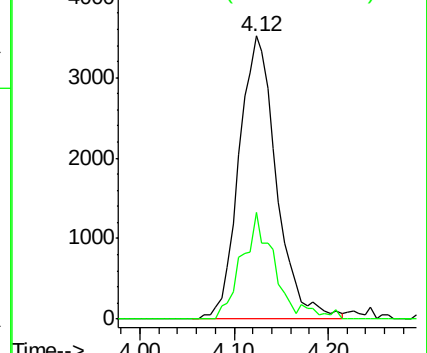
43 100

58 37.8 25.8 38.6



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: 55.877 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW016195.D

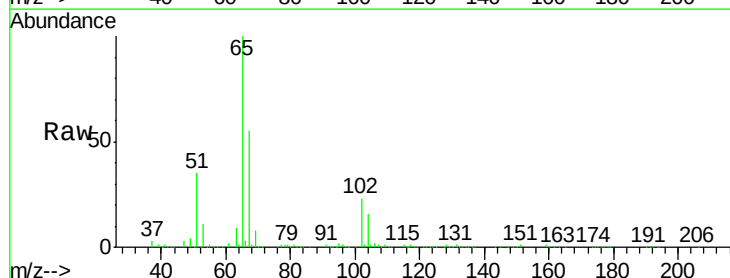
Acq: 14 Aug 2020 16:33

Tgt Ion: 65 Resp: 114471

Ion Ratio Lower Upper

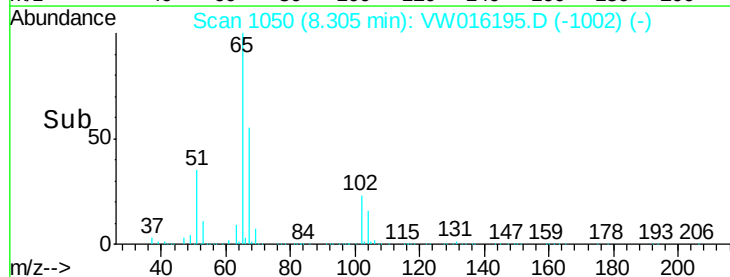
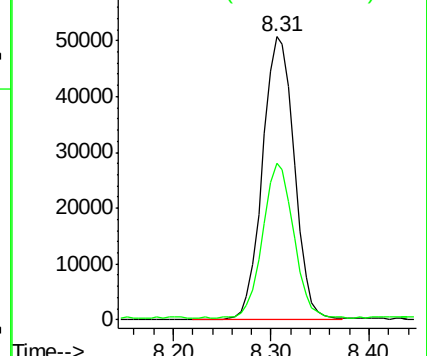
65 100

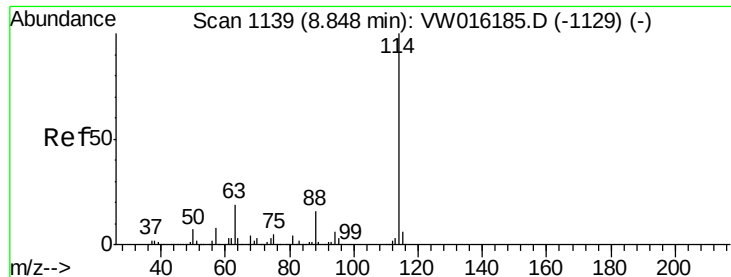
67 53.9 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.01 min

Lab File: VW016195.D

Acq: 14 Aug 2020 16:33

Instrument :

MSVOA_W

ClientSampleId :

N48765

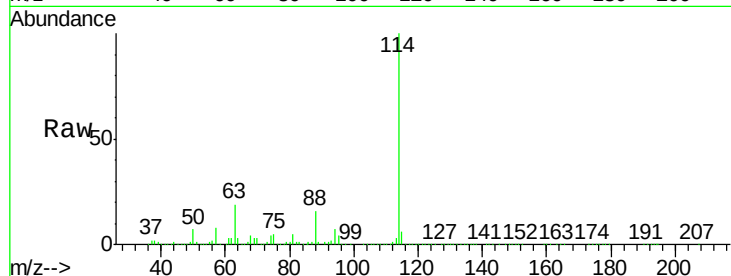
Tot Ion:114 Resp: 378731

Ion Ratio Lower Upper

114 100

63 19.0 0.0 38.4

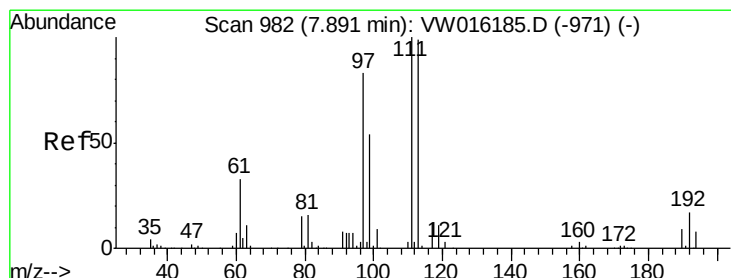
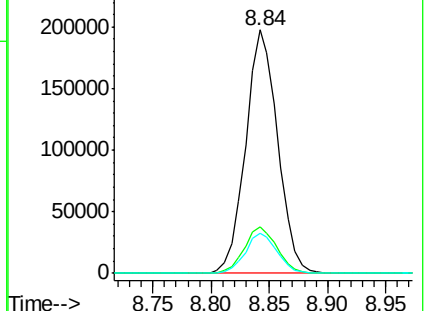
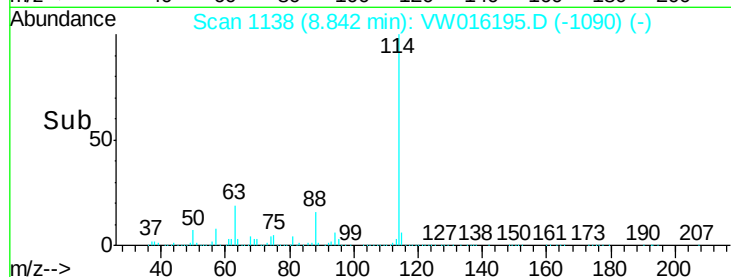
88 16.5 0.0 32.8



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: 48.238 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW016195.D

Acq: 14 Aug 2020 16:33

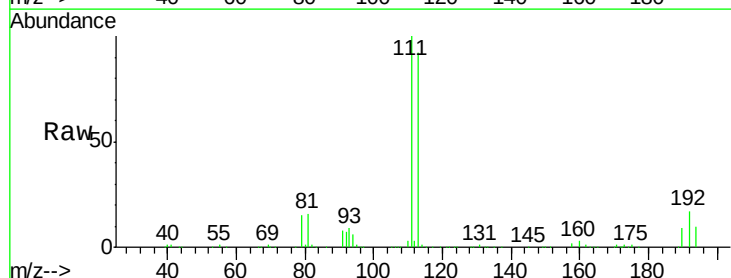
Tgt Ion:113 Resp: 112722

Ion Ratio Lower Upper

113 100

111 105.2 83.5 125.3

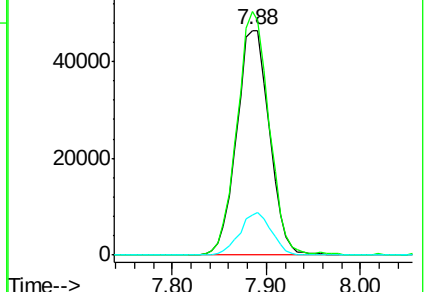
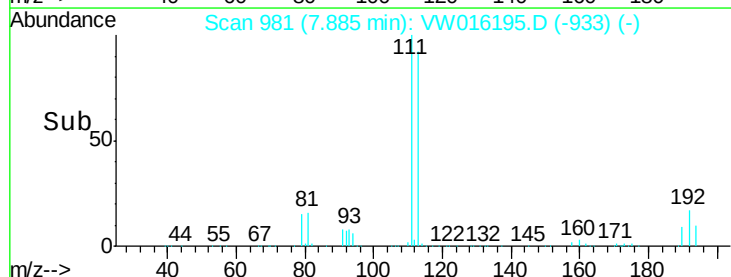
192 18.1 14.3 21.5

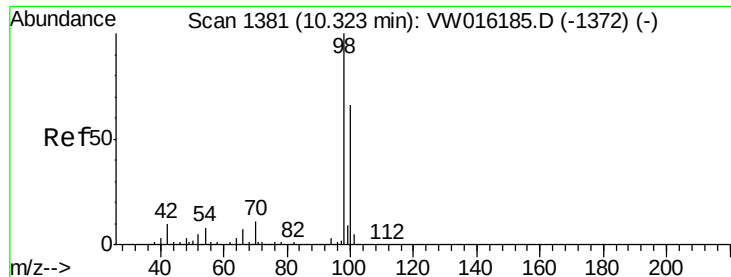


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

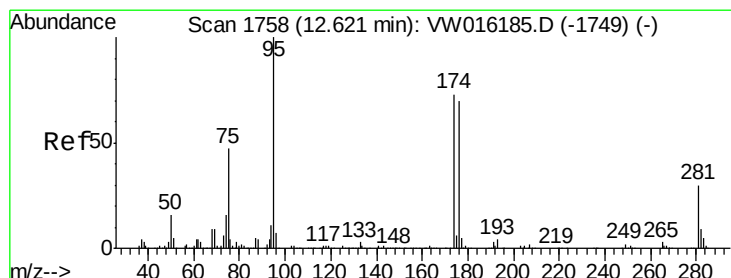
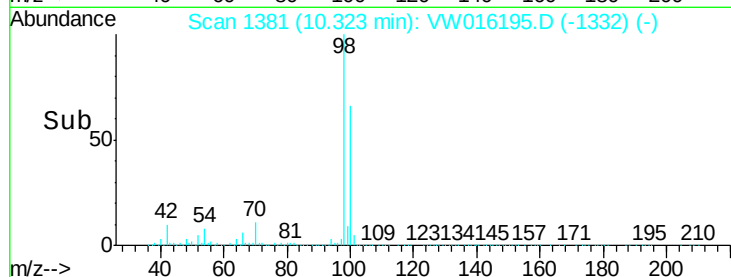
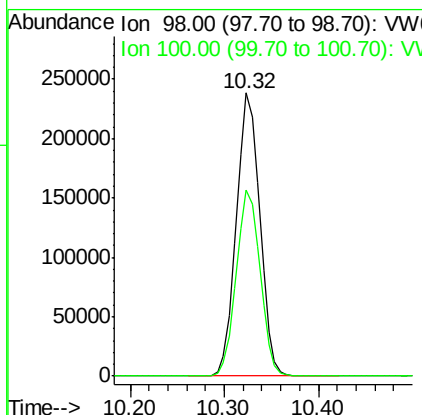
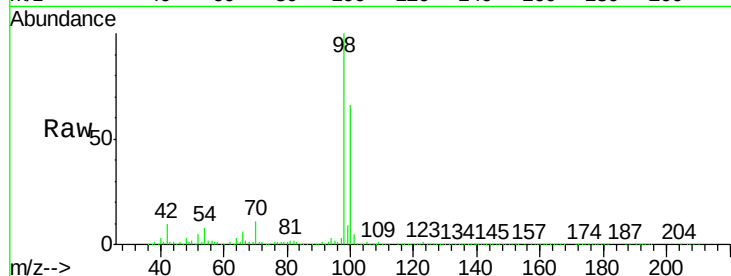




#50
Toluene-d8
Concen: 45.855 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW016195.D
Acq: 14 Aug 2020 16:33

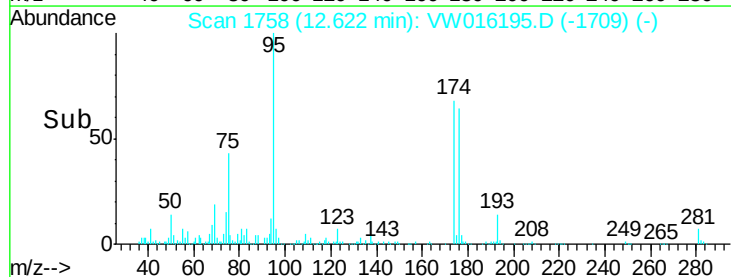
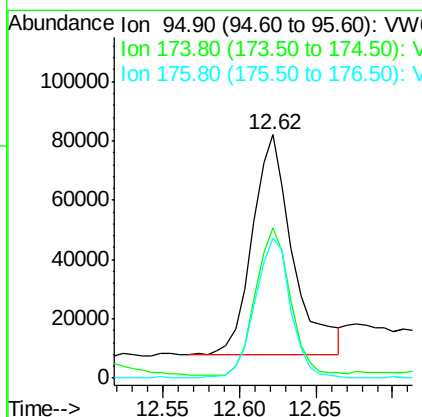
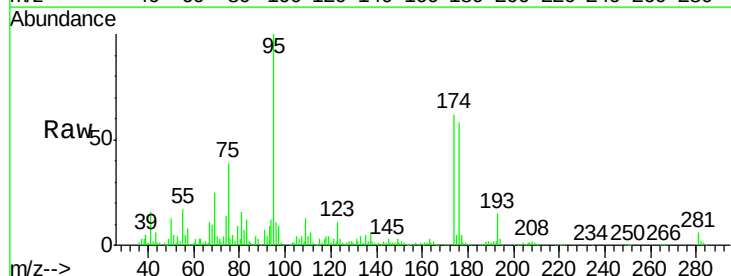
Instrument :
MSVOA_W
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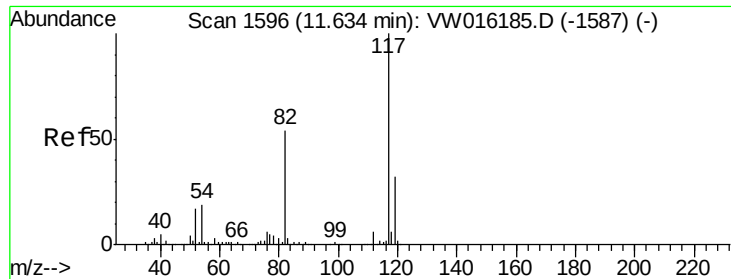
Tot Ion: 98 Resp: 414774
Ion Ratio Lower Upper
98 100
100 66.9 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 42.193 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW016195.D
Acq: 14 Aug 2020 16:33

Tgt Ion: 95 Resp: 136423
Ion Ratio Lower Upper
95 100
174 57.3 0.0 145.6
176 55.5 0.0 137.8

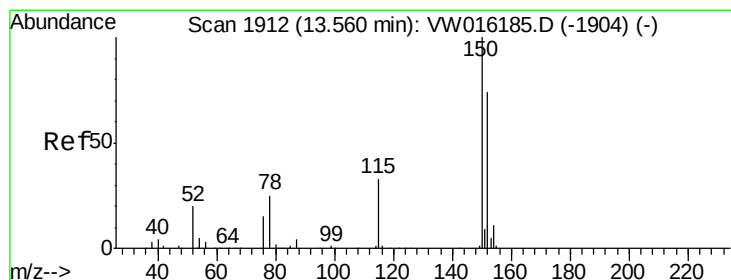
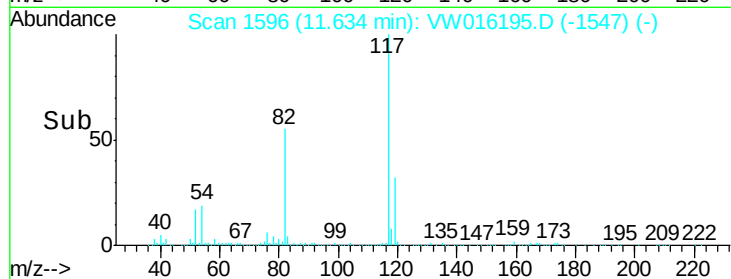
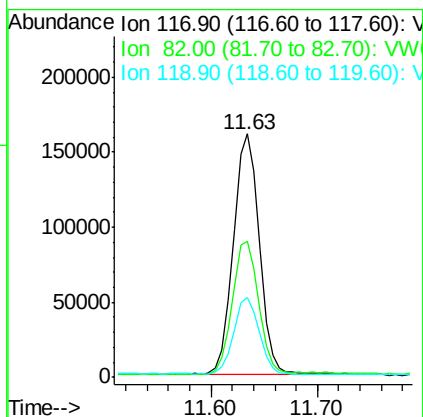
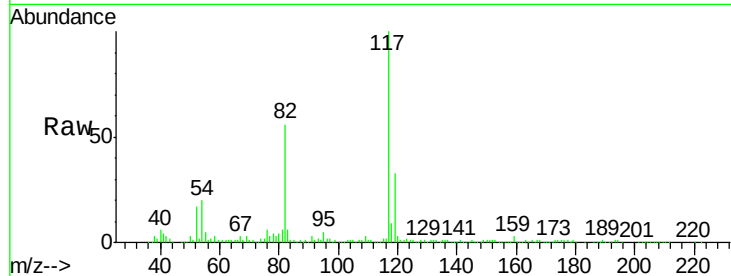




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW016195.D
Acq: 14 Aug 2020 16:33

Instrument :
MSVOA_W
ClientSampleId :
N48765

Tot Ion:117 Resp: 277921
Ion Ratio Lower Upper
117 100
82 55.4 43.6 65.4
119 31.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW016195.D
Acq: 14 Aug 2020 16:33

Tgt Ion:152 Resp: 80241
Ion Ratio Lower Upper
152 100
115 56.8 30.9 92.5
150 148.5 0.0 337.8

