

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091619\
 Data File : VW013060.D
 Acq On : 17 Sep 2019 01:03
 Operator : SY/VA
 Sample : K4664-06
 Misc : 6.24G/5ML/MSVOA W/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 OR-02-091319

Quant Time: Sep 17 08:14:39 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

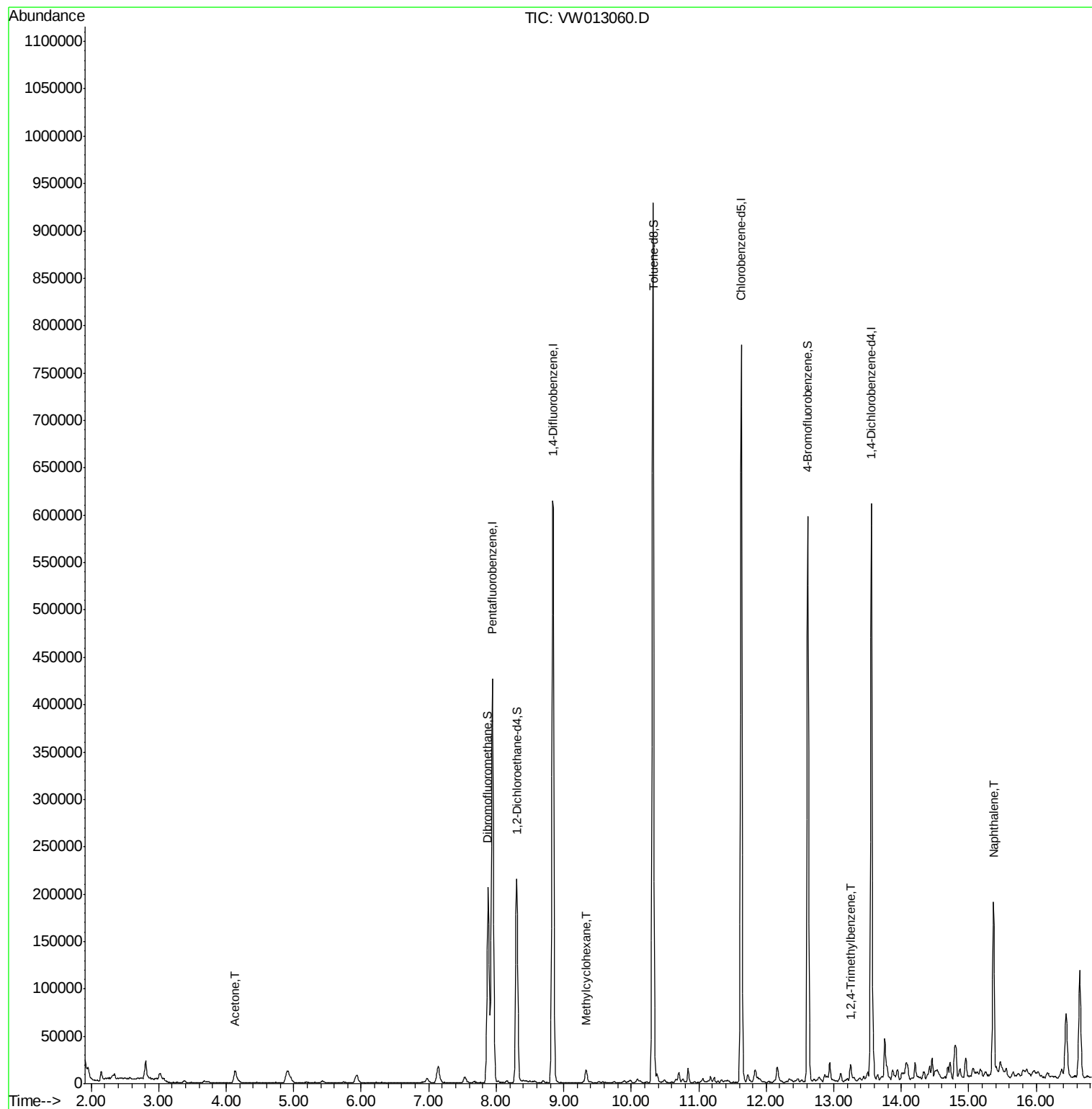
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	338477	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	521068	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	430328	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	164965	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	172821	55.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.56%	
35) Dibromofluoromethane	7.88	113	150261	53.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.30%	
50) Toluene-d8	10.32	98	620449	56.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.16%	
62) 4-Bromofluorobenzene	12.62	95	186907	46.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.96%	
Target Compounds						
16) Acetone	4.13	43	26227	20.738	ug/l	98
39) Methylcyclohexane	9.33	83	4828	1.058	ug/l	95
84) 1,2,4-Trimethylbenzene	13.25	105	9856	1.078	ug/l	99
95) Naphthalene	15.36	128	156056	29.864	ug/l	99

(#) = 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: VW013060.D

Acq: 17 Sep 2019 01:03

Instrument :

MSVOA_W

ClientSampleId :

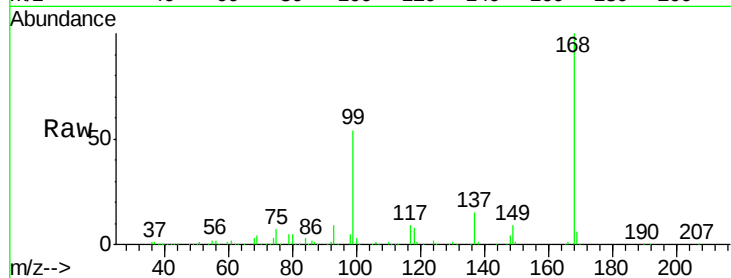
OR-02-091319

Tot Ion:168 Resp: 338477

Ion Ratio Lower Upper

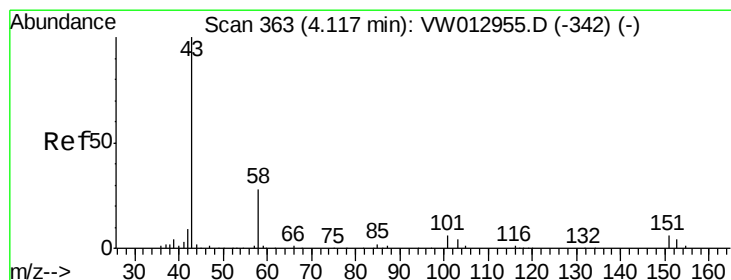
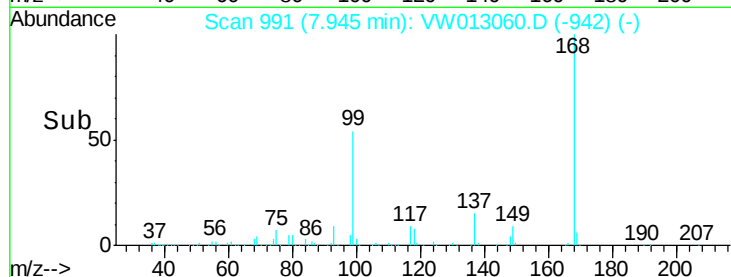
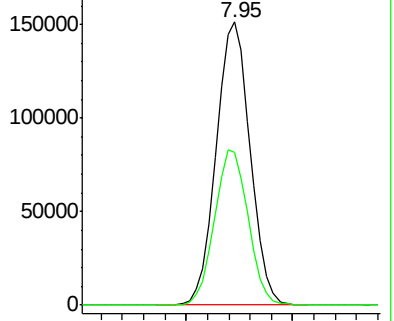
168 100

99 53.9 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: 20.738 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW013060.D

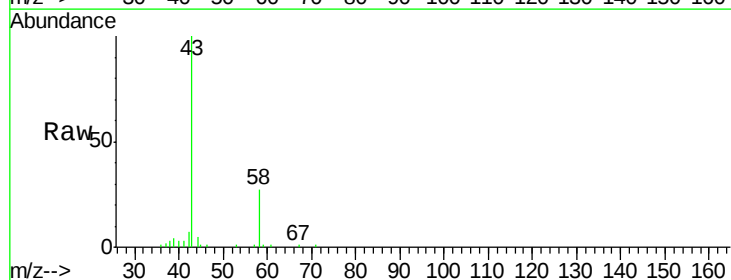
Acq: 17 Sep 2019 01:03

Tgt Ion: 43 Resp: 26227

Ion Ratio Lower Upper

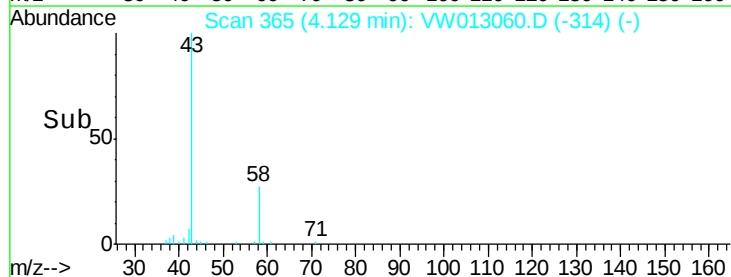
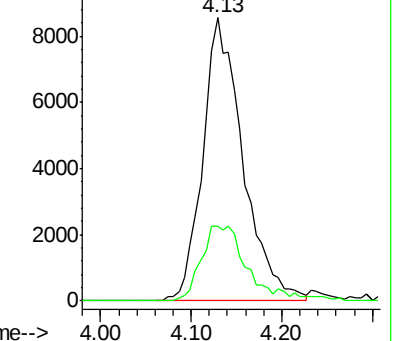
43 100

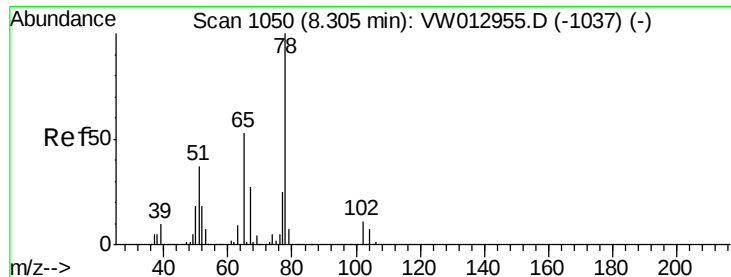
58 26.6 22.3 33.5



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: 55.284 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW013060.D

Acq: 17 Sep 2019 01:03

Instrument :

MSVOA_W

ClientSampleId :

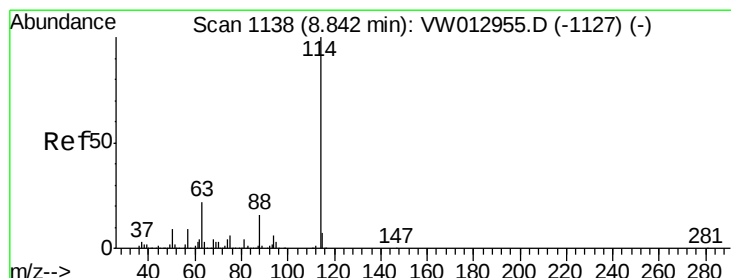
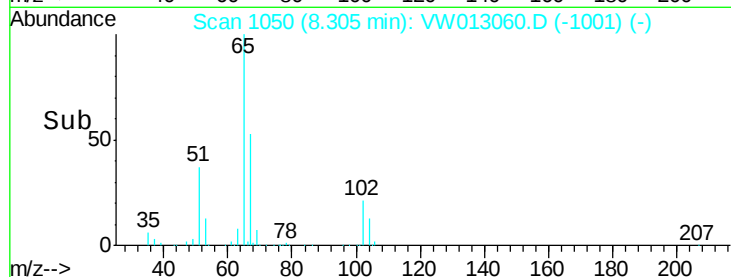
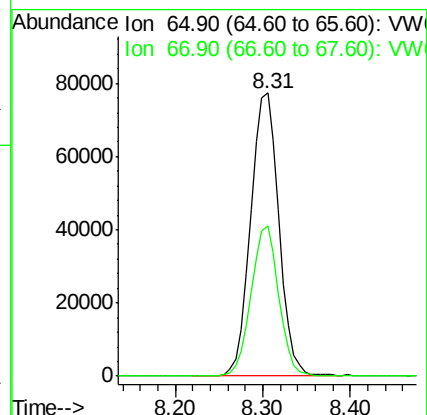
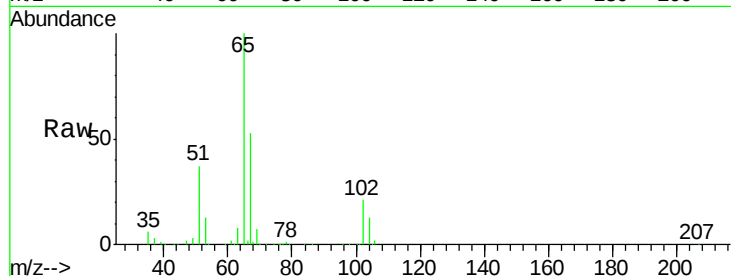
OR-02-091319

Tot Ion: 65 Resp: 172821

Ion Ratio Lower Upper

65 100

67 52.0 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: VW013060.D

Acq: 17 Sep 2019 01:03

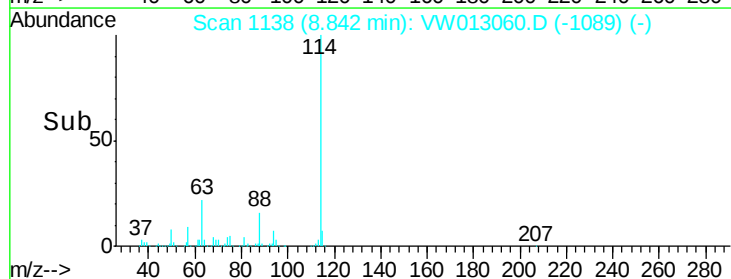
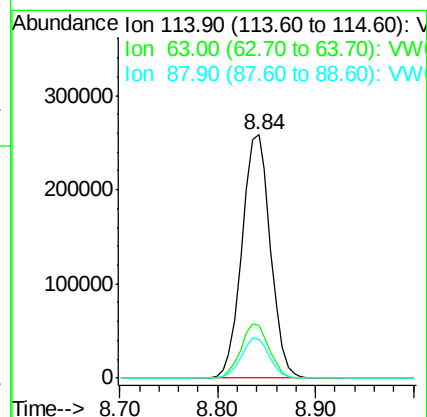
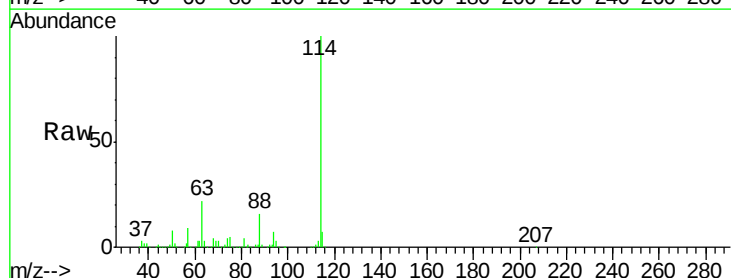
Tgt Ion: 114 Resp: 521068

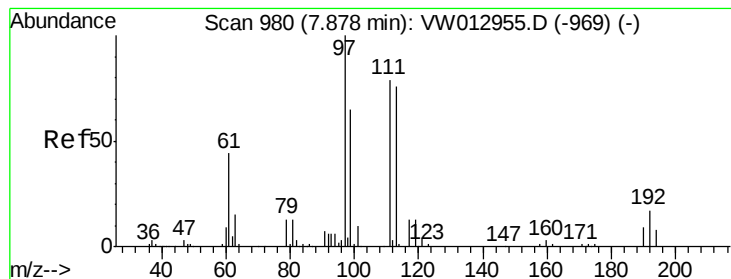
Ion Ratio Lower Upper

114 100

63 21.7 0.0 43.4

88 16.0 0.0 31.6





#35

Dibromofluoromethane

Concen: 53.145 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW013060.D

Acq: 17 Sep 2019 01:03

Instrument :

MSVOA_W

ClientSampleId :

OR-02-091319

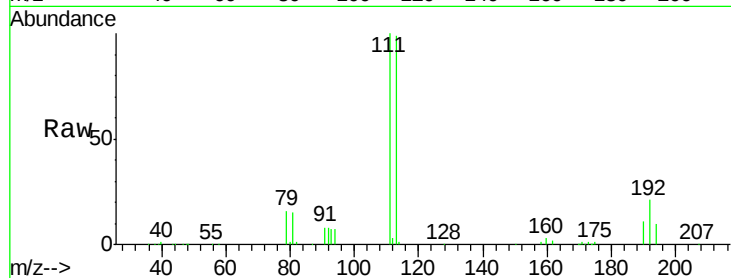
Tot Ion:113 Resp: 150261

Ion Ratio Lower Upper

113 100

111 102.7 82.8 124.2

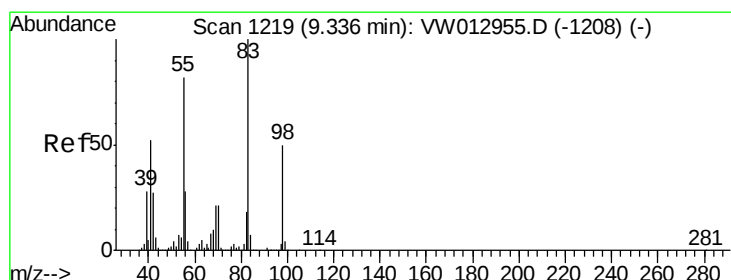
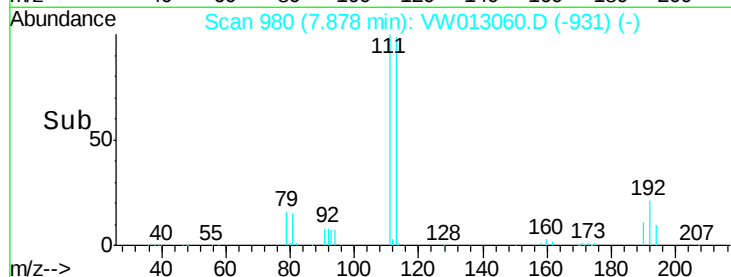
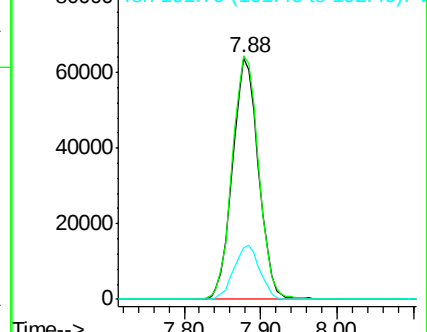
192 22.4 17.8 26.8



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



#39

Methylcyclohexane

Concen: 1.058 ug/l

RT: 9.33 min Scan# 1218

Delta R.T. -0.01 min

Lab File: VW013060.D

Acq: 17 Sep 2019 01:03

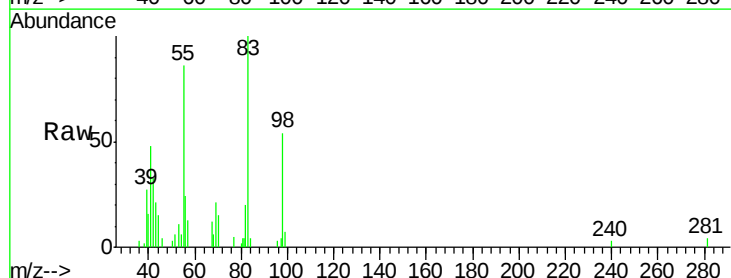
Tgt Ion: 83 Resp: 4828

Ion Ratio Lower Upper

83 100

55 86.1 65.9 98.9

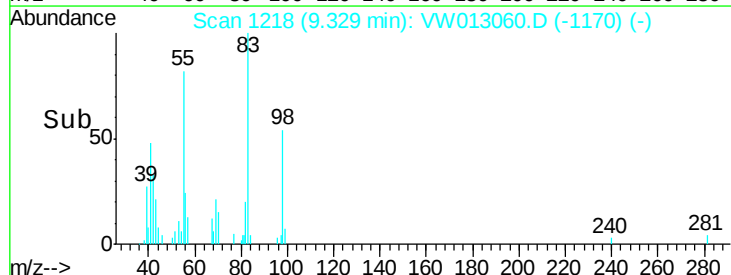
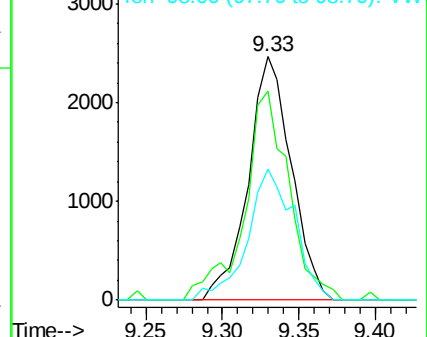
98 53.5 39.6 59.4

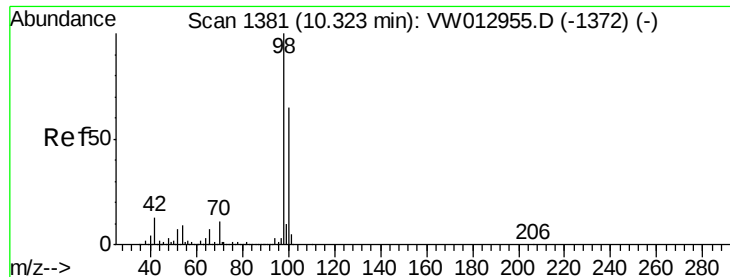


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#50

Toluene-d8

Concen: 56.079 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013060.D

Acq: 17 Sep 2019 01:03

Instrument :

MSVOA_W

ClientSampleId :

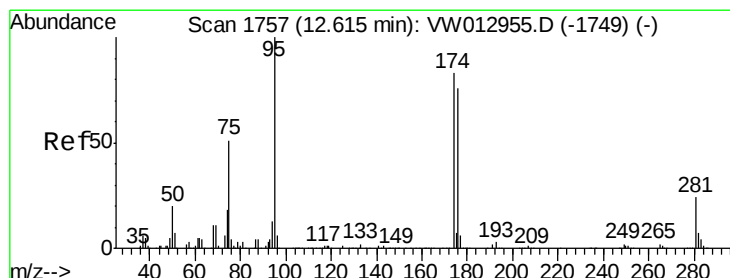
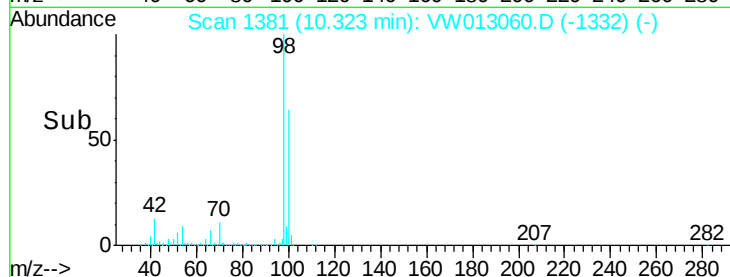
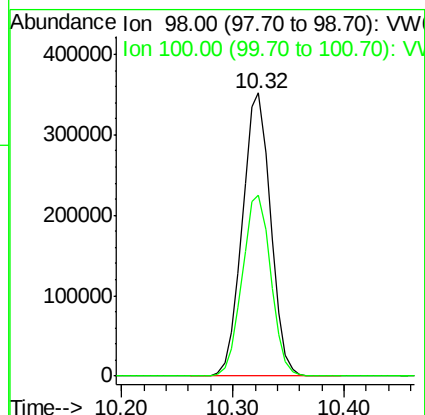
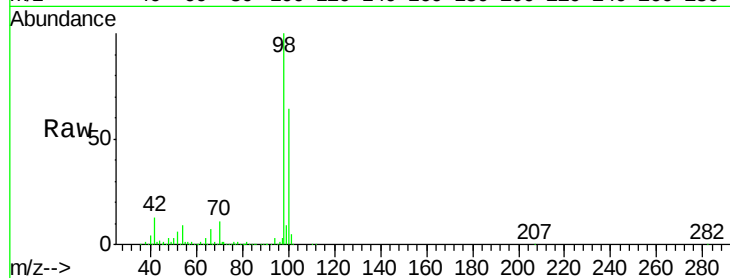
OR-02-091319

Tot Ion: 98 Resp: 620449

Ion Ratio Lower Upper

98 100

100 64.8 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 46.981 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013060.D

Acq: 17 Sep 2019 01:03

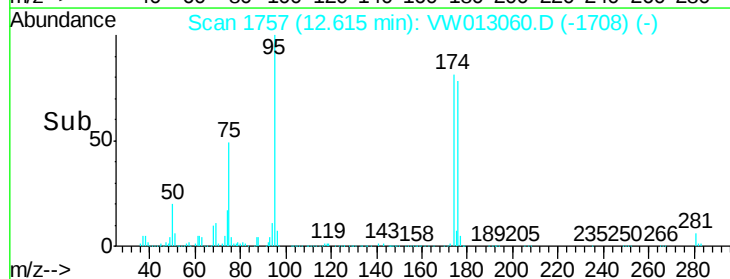
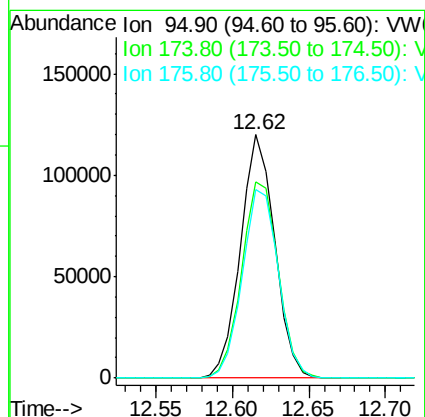
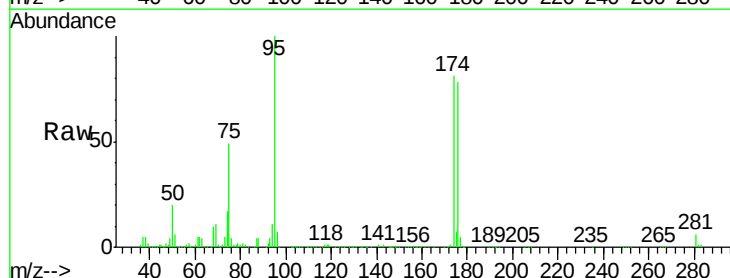
Tgt Ion: 95 Resp: 186907

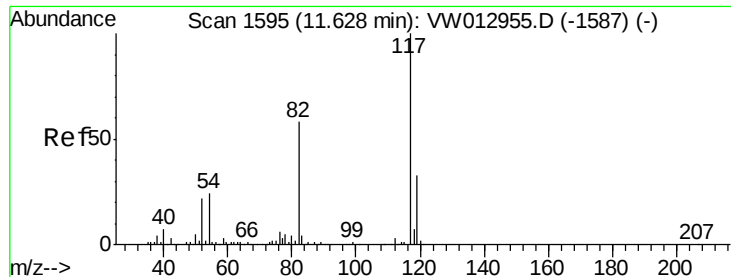
Ion Ratio Lower Upper

95 100

174 85.8 0.0 170.4

176 81.8 0.0 164.6

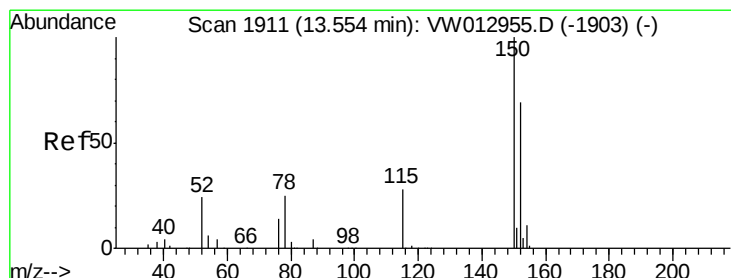
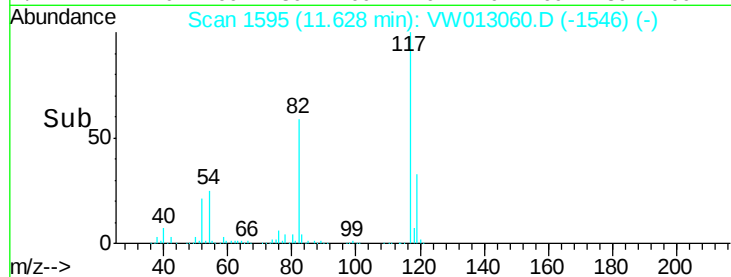
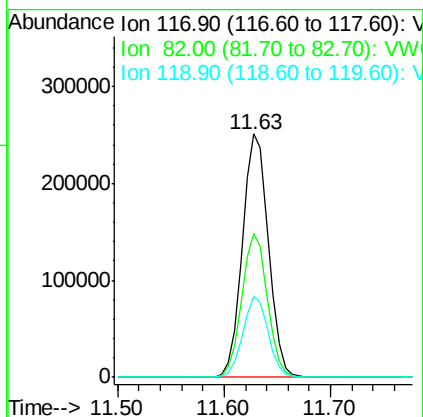
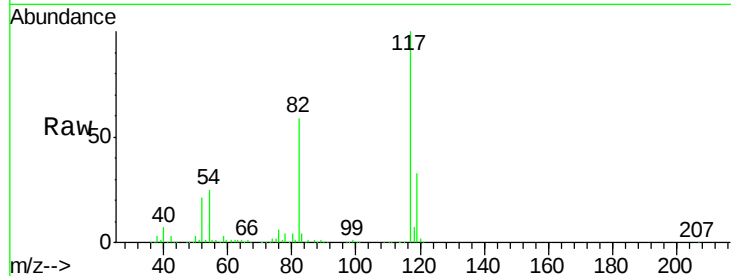




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013060.D
Acq: 17 Sep 2019 01:03

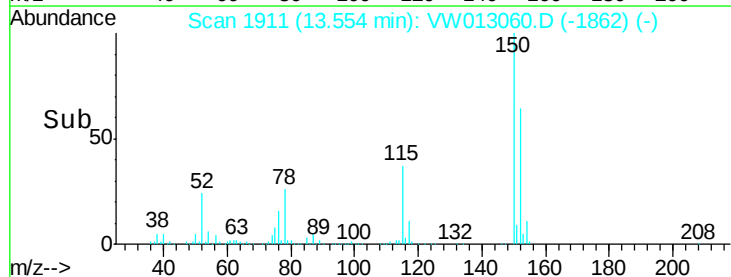
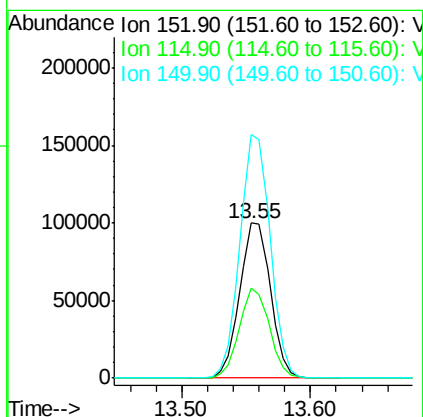
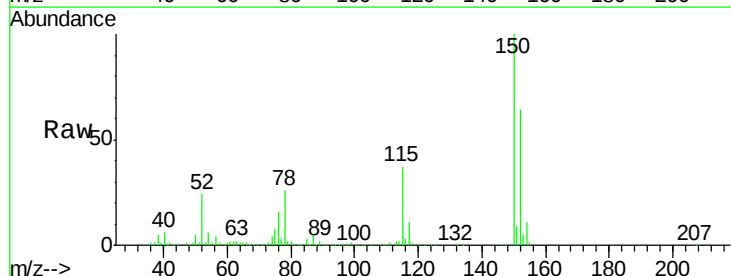
Instrument :
MSVOA_W
ClientSampleId :
OR-02-091319

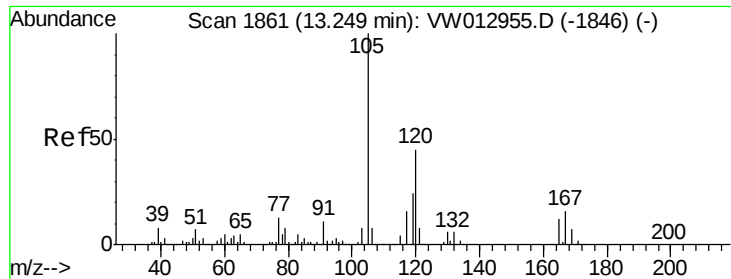
Tot Ion:117 Resp: 430328
Ion Ratio Lower Upper
117 100
82 58.8 46.3 69.5
119 33.2 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.00 min
Lab File: VW013060.D
Acq: 17 Sep 2019 01:03

Tgt Ion:152 Resp: 164965
Ion Ratio Lower Upper
152 100
115 56.7 28.8 86.4
150 155.3 0.0 340.2





#84

1,2,4-Trimethylbenzene

Concen: 1.078 ug/l

RT: 13.25 min Scan# 1861

Delta R.T. -0.00 min

Lab File: VW013060.D

Acq: 17 Sep 2019 01:03

Instrument :

MSVOA_W

ClientSampleId :

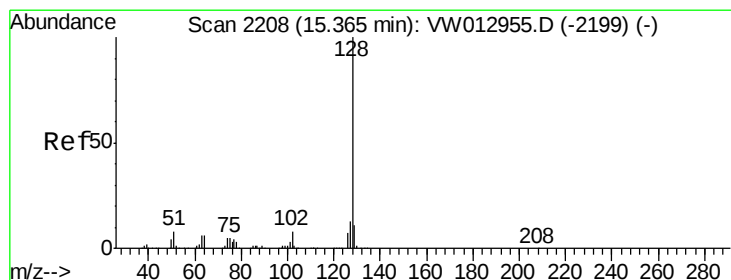
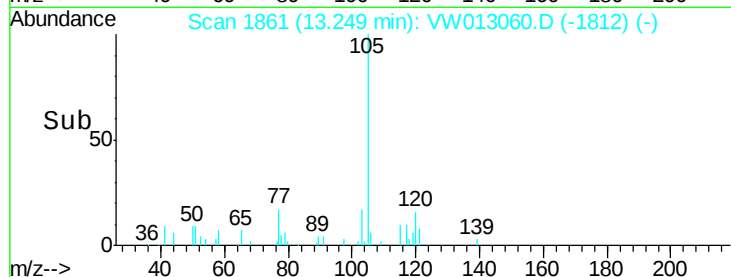
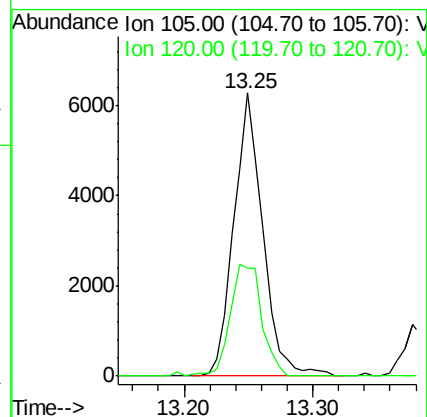
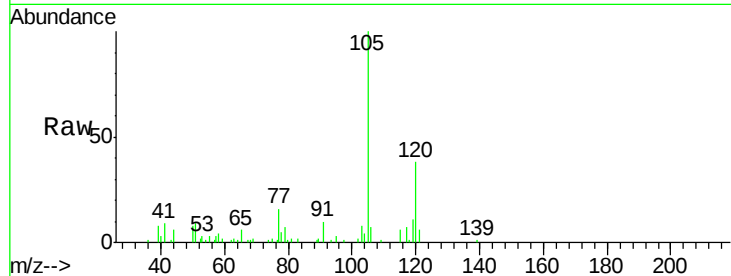
OR-02-091319

Tot Ion:105 Resp: 9856

Ion Ratio Lower Upper

105 100

120 43.3 21.9 65.7



#95

Naphthalene

Concen: 29.864 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. -0.00 min

Lab File: VW013060.D

Acq: 17 Sep 2019 01:03

Tgt Ion:128 Resp: 156056

Ion Ratio Lower Upper

128 100

127 13.7 11.0 16.6

129 11.3 8.6 12.8

