

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111319\
 Data File : VW014006.D
 Acq On : 13 Nov 2019 14:58
 Operator : SY/VA
 Sample : K5742-08
 Misc : 5.96G/5.0ML/MSVOA_W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-26-(6-8)

Quant Time: Nov 21 04:10:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 23 14:11:46 2019
 Response via : Initial Calibration

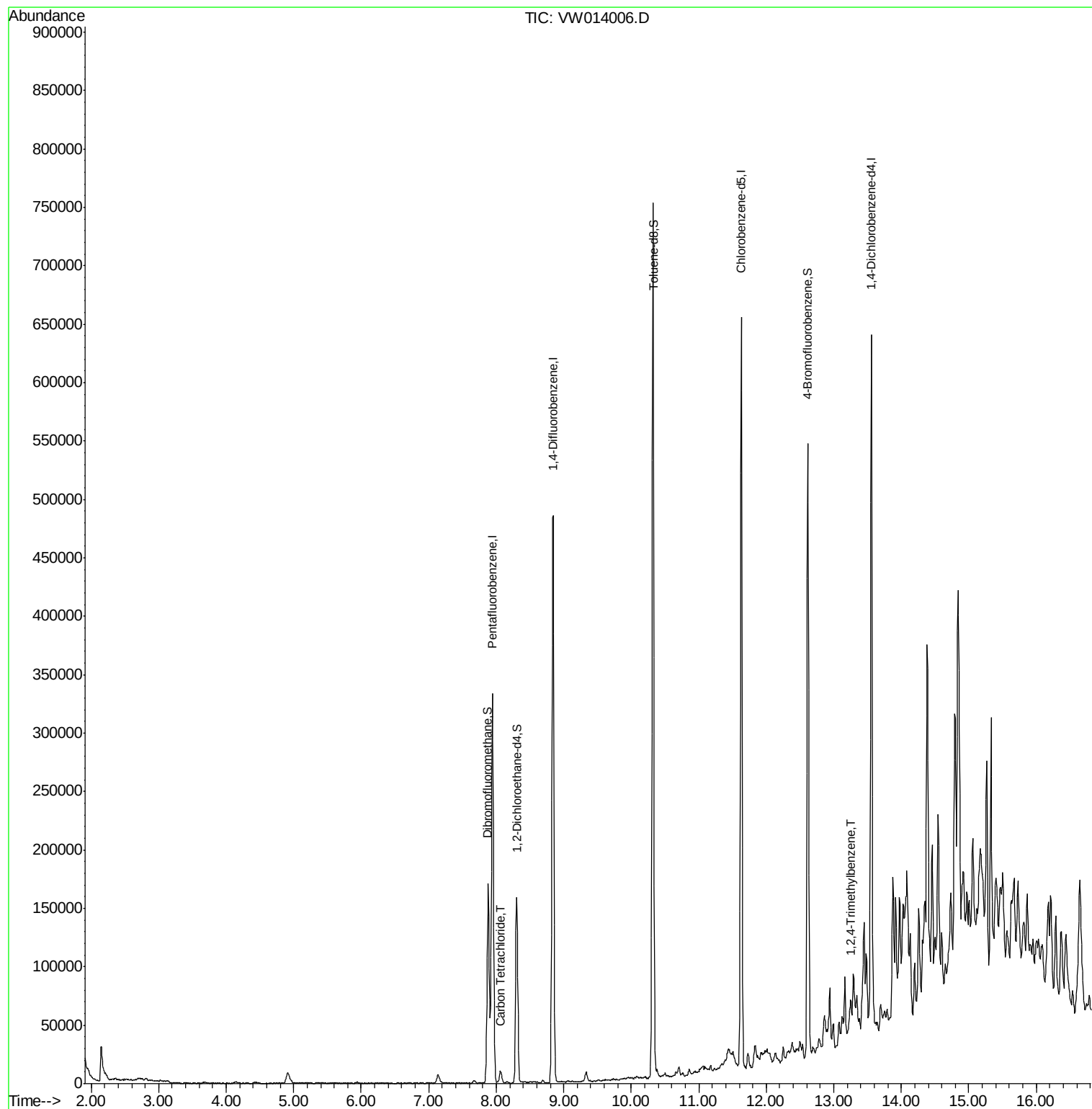
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	278909	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	436078	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	378032	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	173540	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	124447	59.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.96%	
35) Dibromofluoromethane	7.88	113	124445	51.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.72%	
50) Toluene-d8	10.32	98	513557	52.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.02%	
62) 4-Bromofluorobenzene	12.62	95	168303	50.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.68%	
Target Compounds						
38) Carbon Tetrachloride	8.06	117	7796	2.132	ug/l #	82
84) 1,2,4-Trimethylbenzene	13.25	105	16557	1.595	ug/l	91

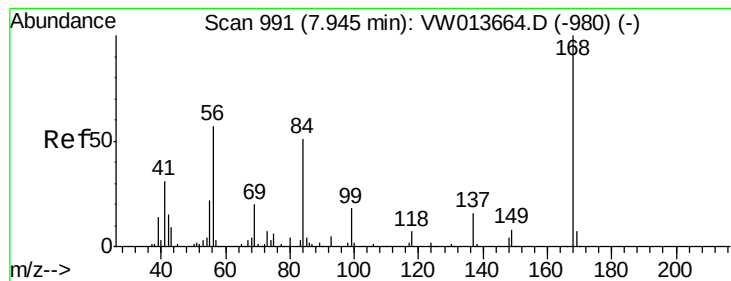
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 23 14:11:46 2019
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: VW014006.D

Acq: 13 Nov 2019 14:58

Instrument :

MSVOA_W

ClientSampleId :

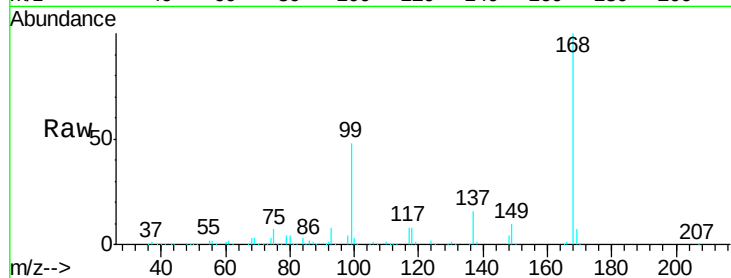
SB-26-(6-8)

Tgt Ion:168 Resp: 278909

Ion Ratio Lower Upper

168 100

99 48.1 39.0 58.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

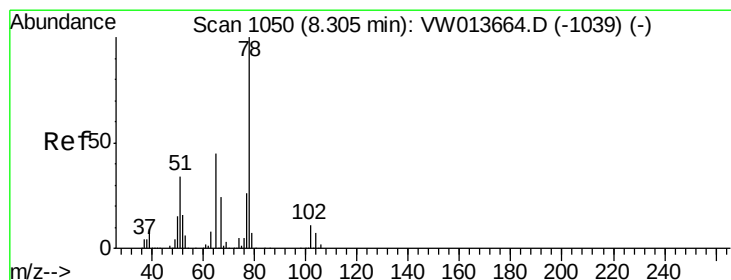
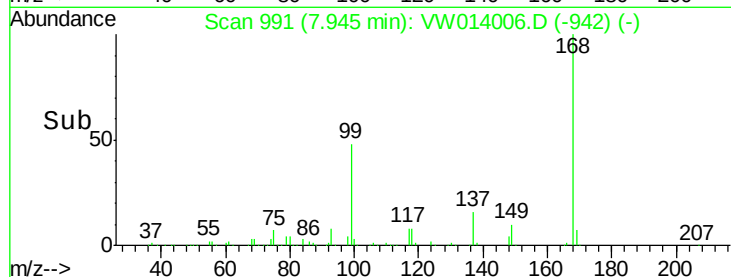
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#33

1,2-Dichloroethane-d4

Concen: 59.479 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW014006.D

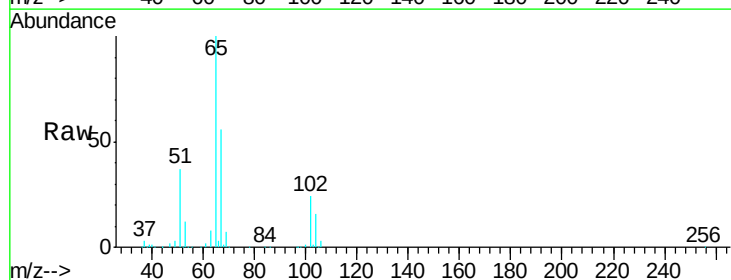
Acq: 13 Nov 2019 14:58

Tgt Ion: 65 Resp: 124447

Ion Ratio Lower Upper

65 100

67 53.4 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

60000

50000

40000

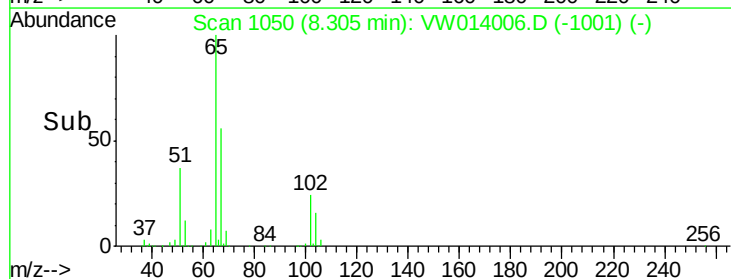
30000

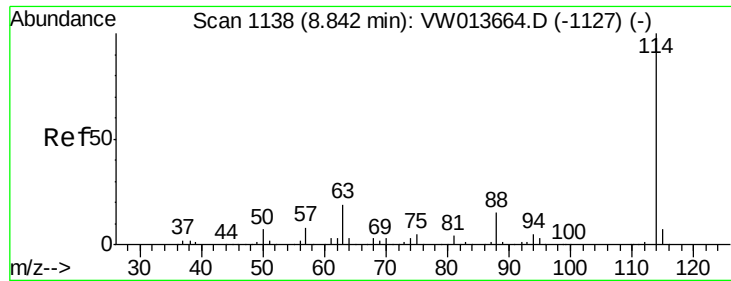
20000

10000

0

Time--> 8.20 8.30 8.40

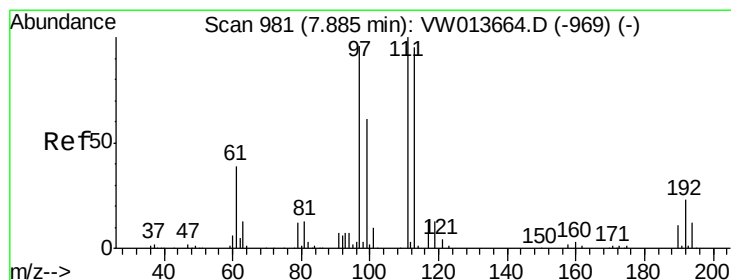
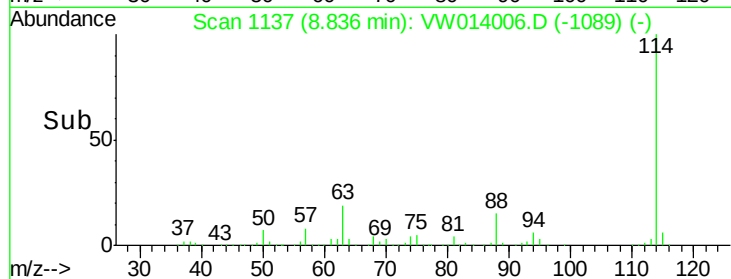
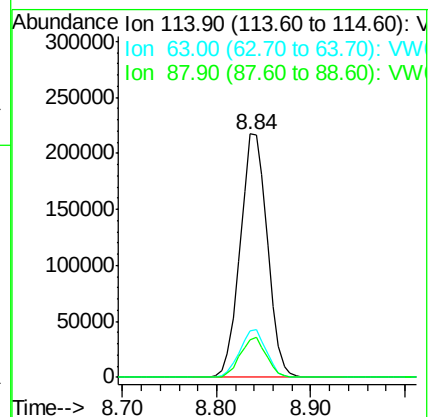
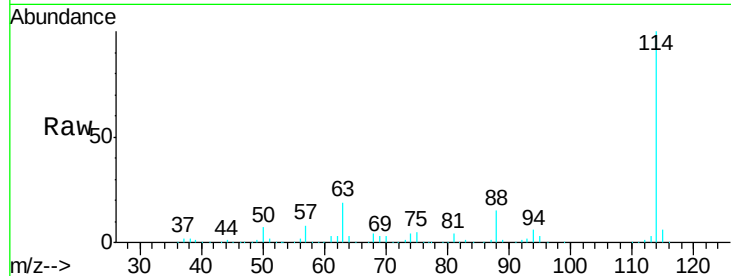




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VW014006.D
 Acq: 13 Nov 2019 14:58

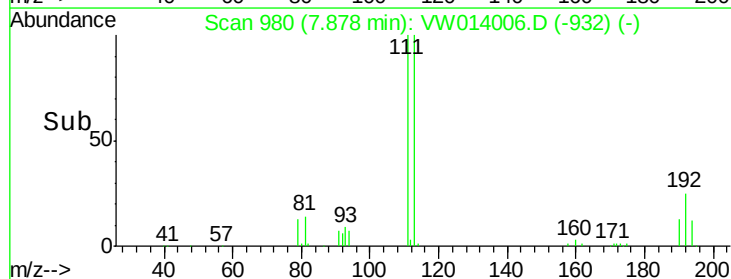
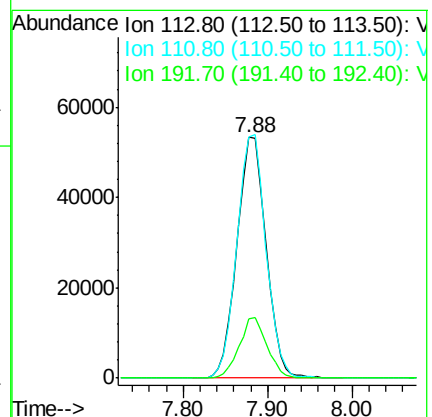
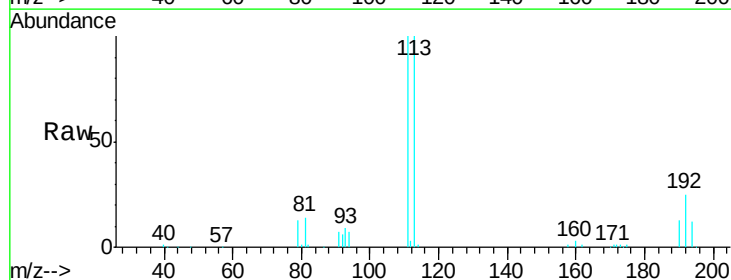
Instrument :
 MSVOA_W
 ClientSampleID :
 SB-26-(6-8)

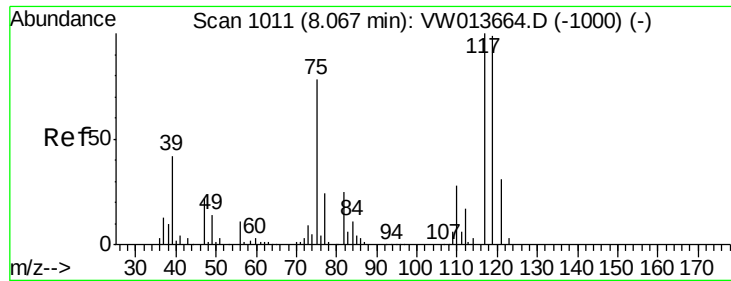
Tgt Ion:114 Resp: 436078
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 37.6
 88 15.5 0.0 30.2



#35
 Dibromofluoromethane
 Concen: 51.358 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW014006.D
 Acq: 13 Nov 2019 14:58

Tgt Ion:113 Resp: 124445
 Ion Ratio Lower Upper
 113 100
 111 101.0 83.0 124.6
 192 23.8 19.4 29.2





#38

Carbon Tetrachloride

Concen: 2.132 ug/l

RT: 8.06 min Scan# 1010

Delta R.T. -0.01 min

Lab File: VW014006.D

Acq: 13 Nov 2019 14:58

Instrument :

MSVOA_W

ClientSampled :

SB-26-(6-8)

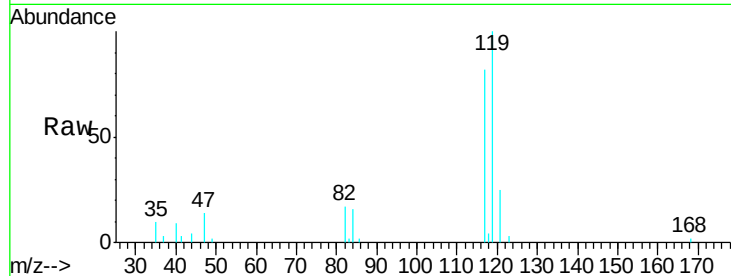
Tgt Ion: 117 Resp: 7796

Ion Ratio Lower Upper

117 100

119 121.9 79.0 118.4#

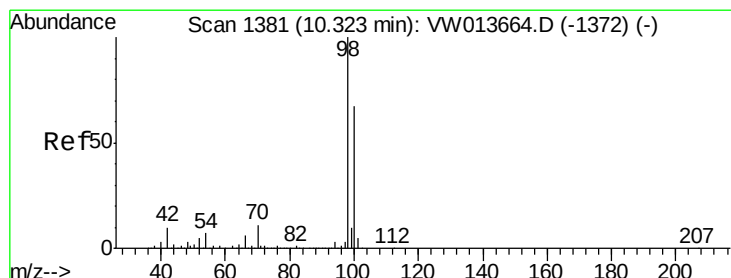
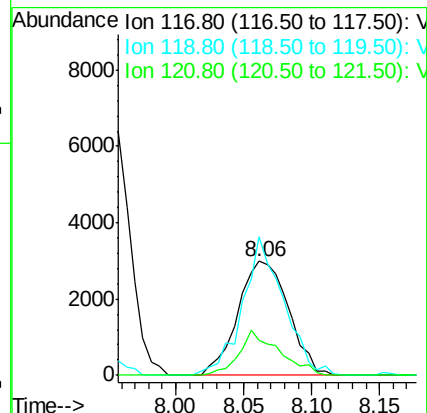
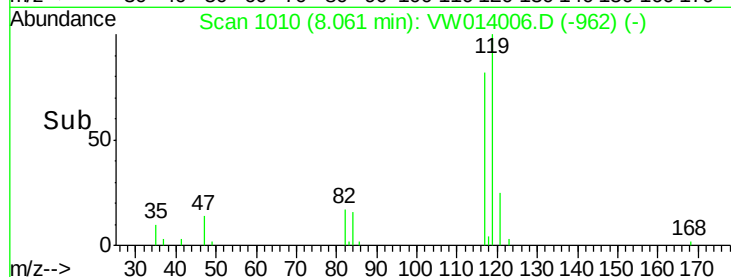
121 30.9 24.5 36.7



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 52.014 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW014006.D

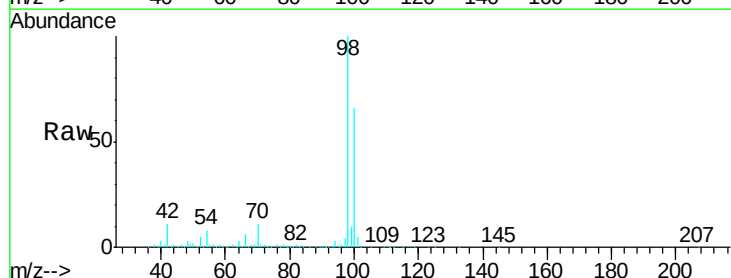
Acq: 13 Nov 2019 14:58

Tgt Ion: 98 Resp: 513557

Ion Ratio Lower Upper

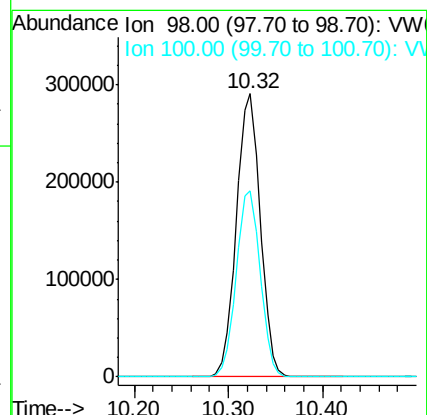
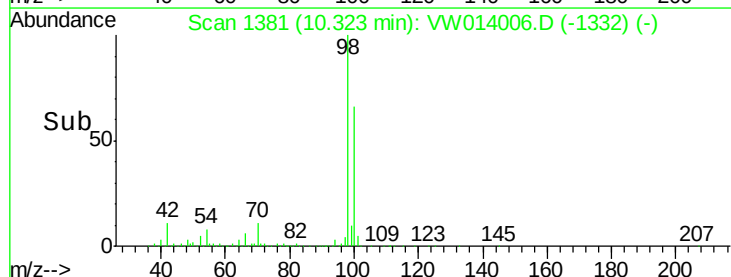
98 100

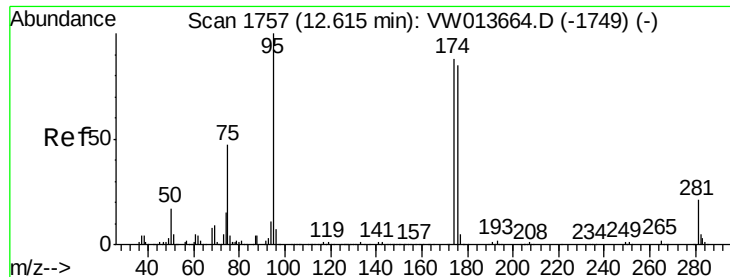
100 65.9 53.4 80.0



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

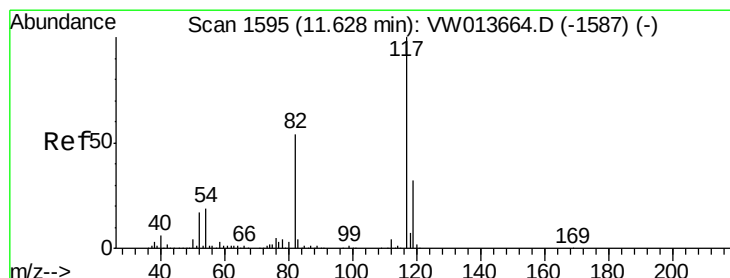
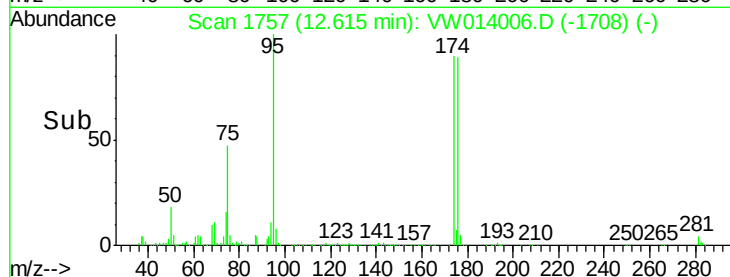
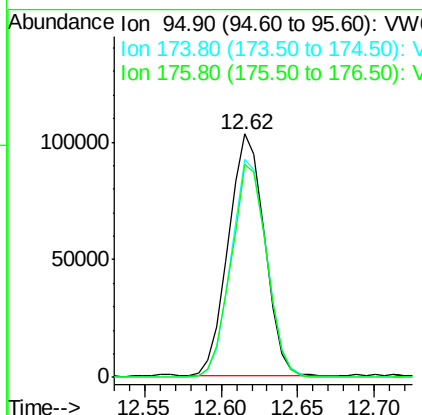
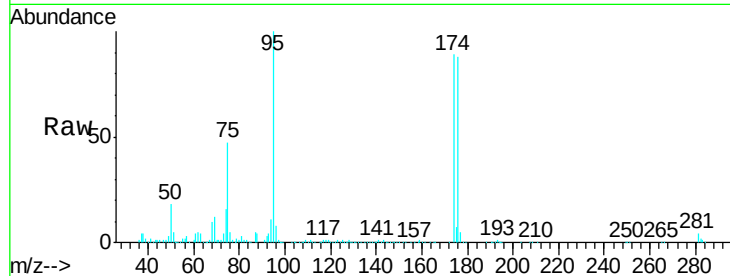




#62
4-Bromofluorobenzene
Concen: 50.342 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW014006.D
Acq: 13 Nov 2019 14:58

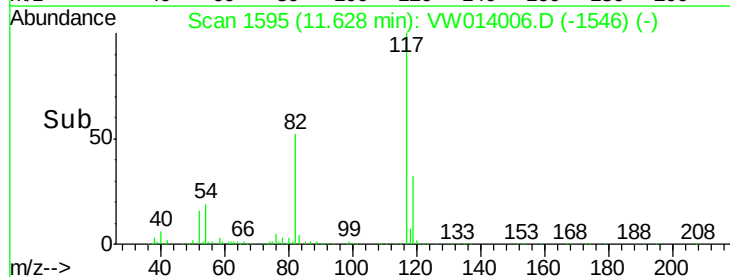
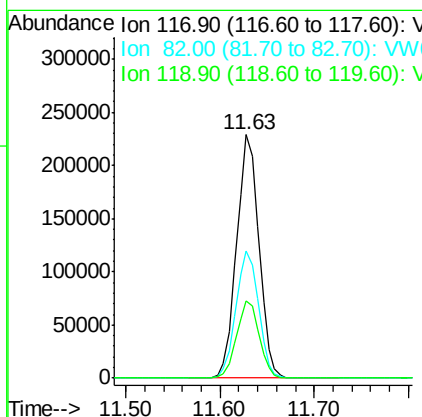
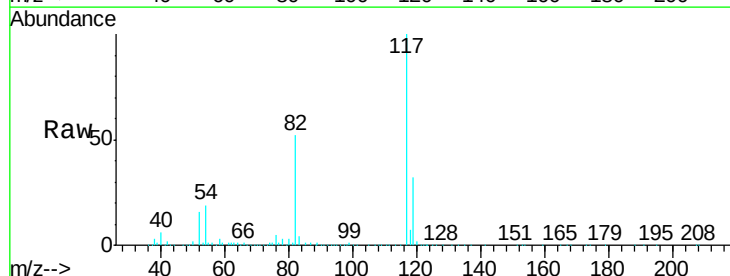
Instrument :
MSVOA_W
ClientSampled :
SB-26-(6-8)

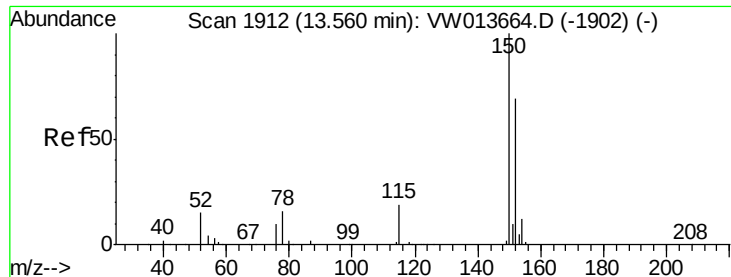
Tgt Ion: 95 Resp: 168303
Ion Ratio Lower Upper
95 100
174 89.3 0.0 183.6
176 87.6 0.0 178.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW014006.D
Acq: 13 Nov 2019 14:58

Tgt Ion: 117 Resp: 378032
Ion Ratio Lower Upper
117 100
82 52.3 43.6 65.4
119 31.8 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. -0.01 min

Lab File: VW014006.D

Acq: 13 Nov 2019 14:58

Instrument :

MSVOA_W

ClientSampled :

SB-26-(6-8)

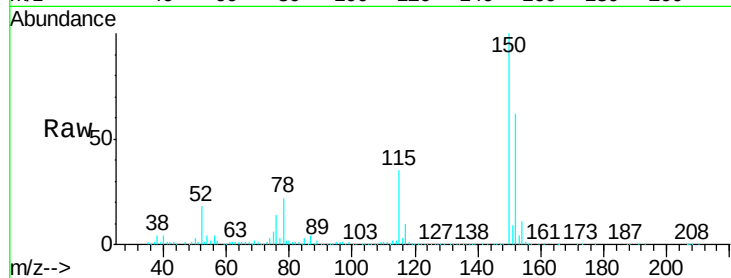
Tgt Ion:152 Resp: 173540

Ion Ratio Lower Upper

152 100

115 55.1 27.4 82.2

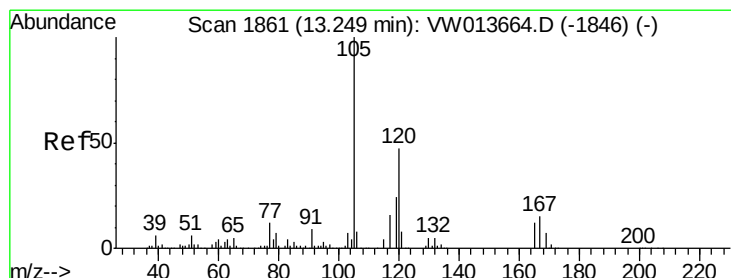
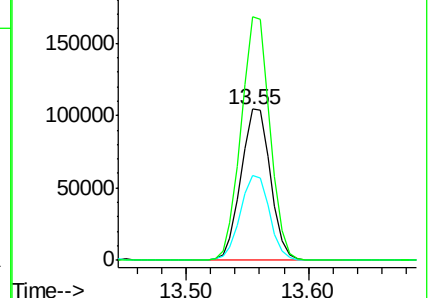
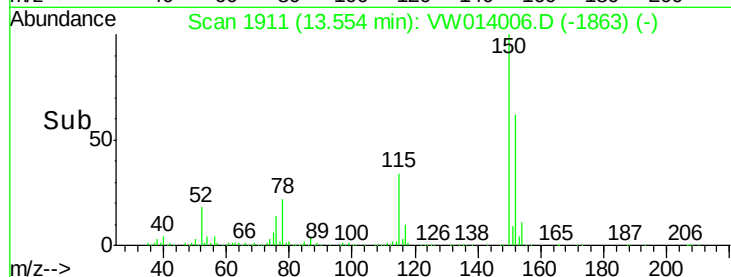
150 157.8 0.0 345.4



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: 1.595 ug/l

RT: 13.25 min Scan# 1861

Delta R.T. -0.00 min

Lab File: VW014006.D

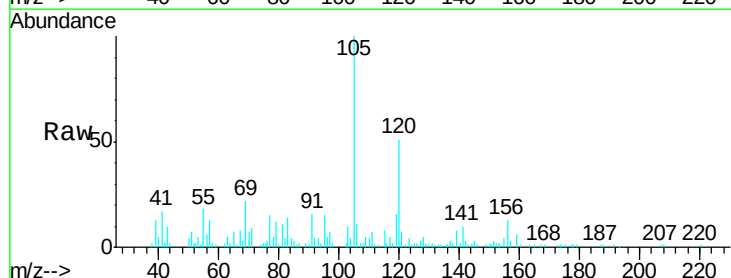
Acq: 13 Nov 2019 14:58

Tgt Ion:105 Resp: 16557

Ion Ratio Lower Upper

105 100

120 53.1 23.5 70.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

