

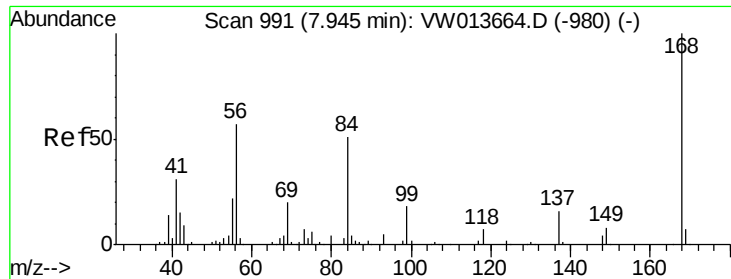
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110819\
 Data File : VW013949.D
 Acq On : 08 Nov 2019 17:12
 Operator : SY/VA
 Sample : K5742-10
 Misc : 3.42G/5ML/MSVOA_W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-38-(2-4)

Quant Time: Nov 21 06:33:26 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	298246	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	449547	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	385283	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	174038	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	121415	54.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.54%	
35) Dibromofluoromethane	7.88	113	123251	49.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.68%	
50) Toluene-d8	10.32	98	525280	51.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.22%	
62) 4-Bromofluorobenzene	12.62	95	170365	49.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.86%	
Target Compounds						
39) Methylcyclohexane	9.34	83	10232	1.892	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	29064	2.793	ug/l	97
95) Naphthalene	15.36	128	12606	2.203	ug/l #	90

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW013949.D

Acq: 08 Nov 2019 17:12

Instrument :

MSVOA_W

ClientSampleId :

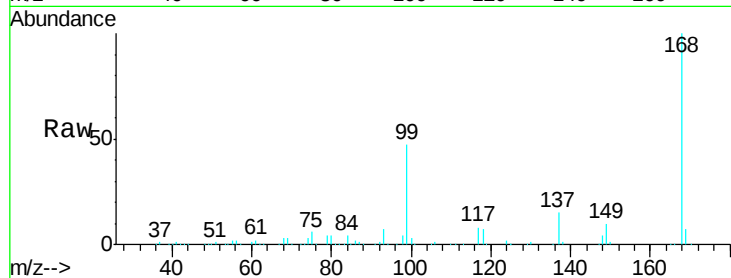
SB-38-(2-4)

Tgt Ion: 168 Resp: 298246

Ion Ratio Lower Upper

168 100

99 47.5 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

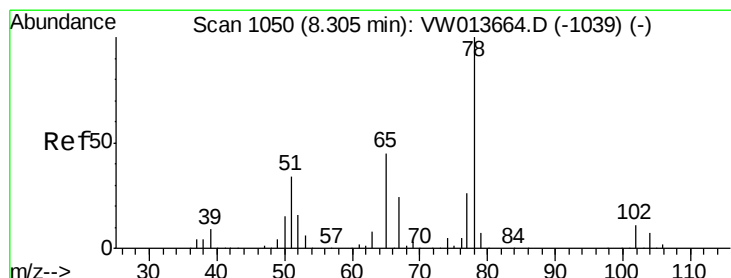
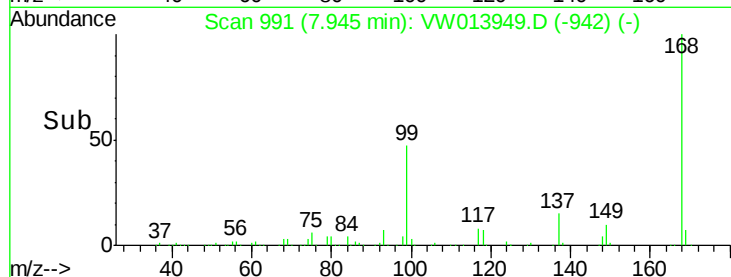
100000

50000

0

7.90 8.00

Time-->



#33

1,2-Dichloroethane-d4

Concen: 54.268 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW013949.D

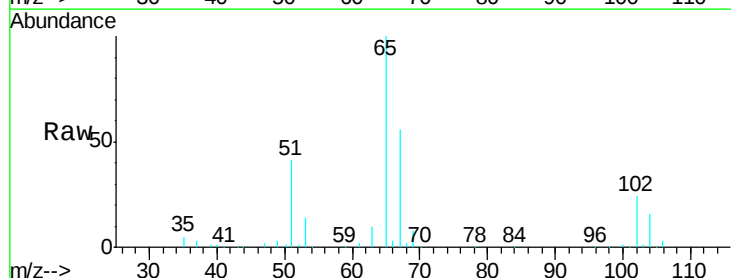
Acq: 08 Nov 2019 17:12

Tgt Ion: 65 Resp: 121415

Ion Ratio Lower Upper

65 100

67 54.9 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

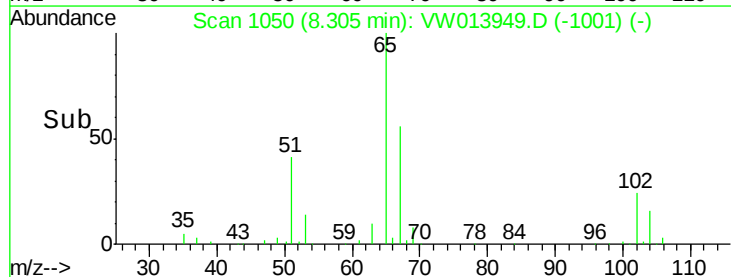
20000

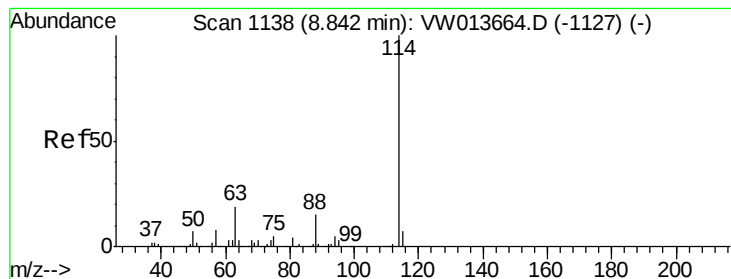
10000

0

8.20 8.30 8.40

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW013949.D

Acq: 08 Nov 2019 17:12

Instrument :

MSVOA_W

ClientSampleId :

SB-38-(2-4)

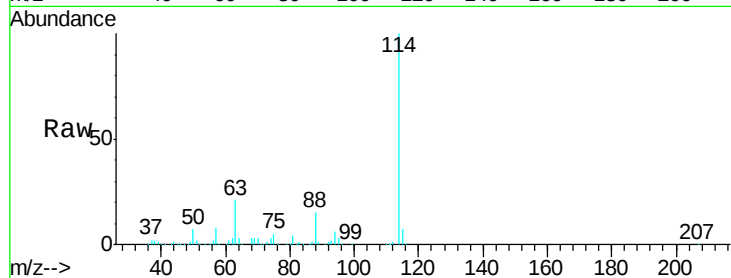
Tgt Ion:114 Resp: 449547

Ion Ratio Lower Upper

114 100

63 20.6 0.0 37.6

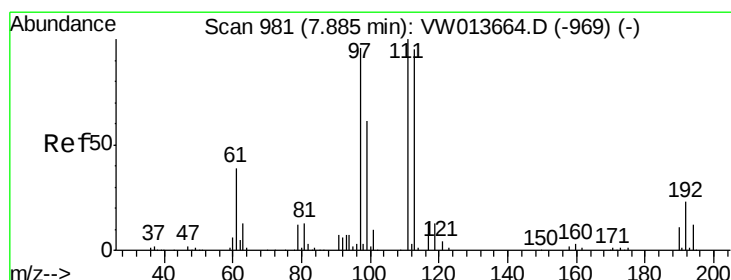
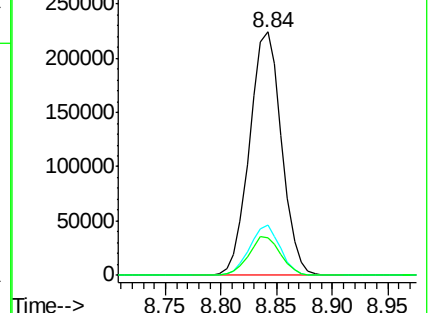
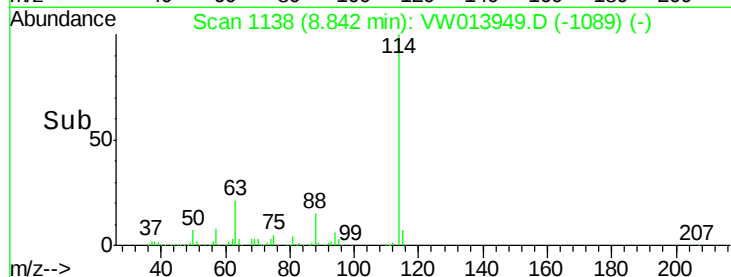
88 15.3 0.0 30.2



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: 49.341 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW013949.D

Acq: 08 Nov 2019 17:12

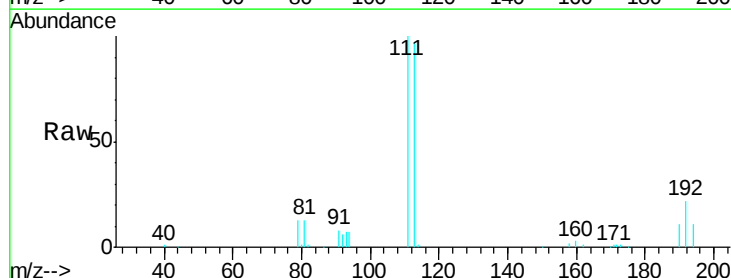
Tgt Ion:113 Resp: 123251

Ion Ratio Lower Upper

113 100

111 102.3 83.0 124.6

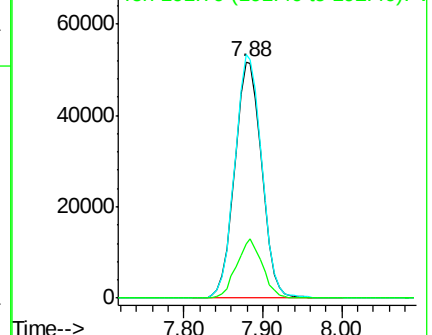
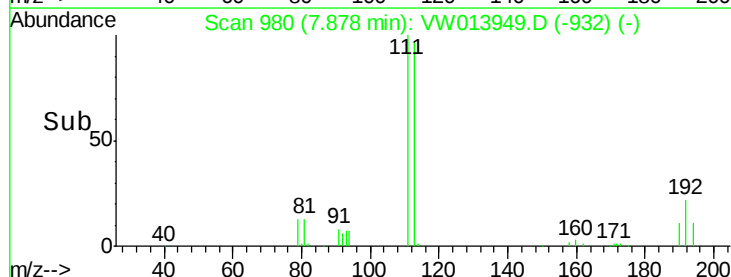
192 23.9 19.4 29.2

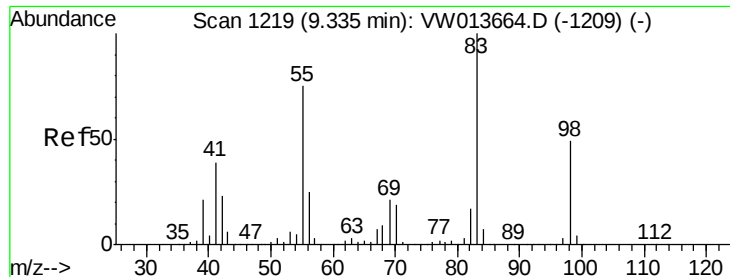


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

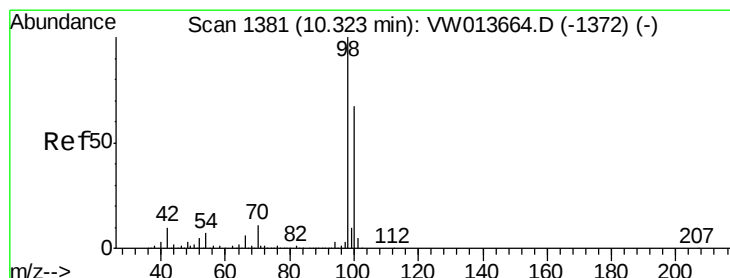
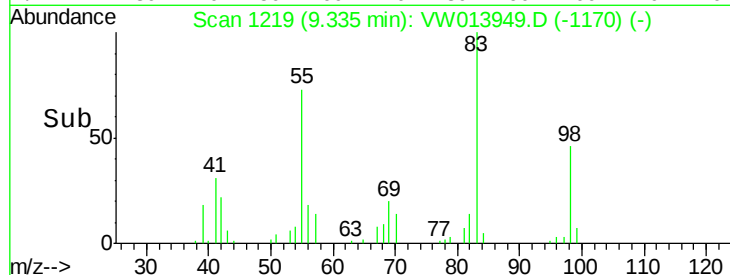
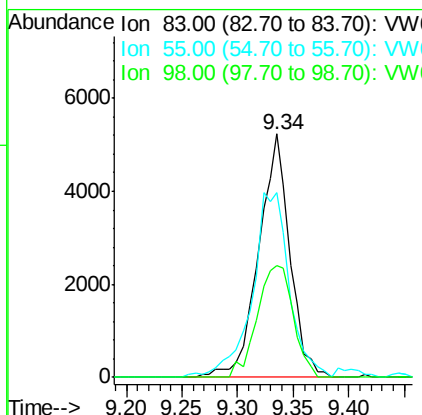
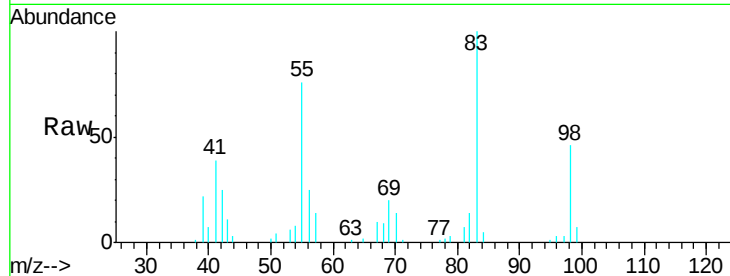




#39
Methylcyclohexane
Concen: 1.892 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW013949.D
Acq: 08 Nov 2019 17:12

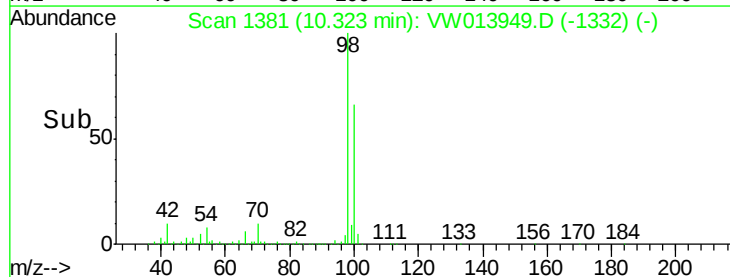
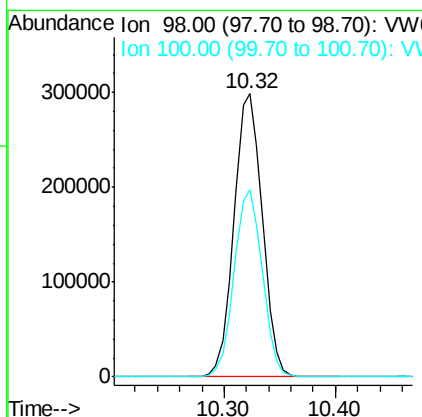
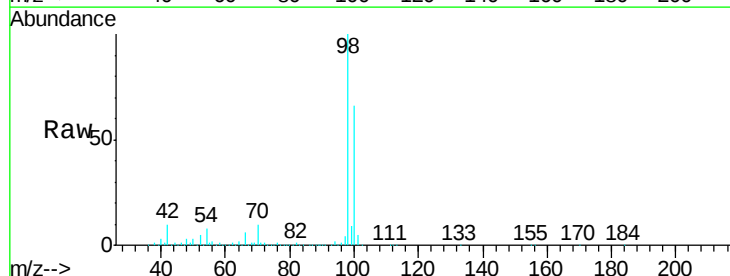
Instrument :
MSVOA_W
ClientSampled :
SB-38-(2-4)

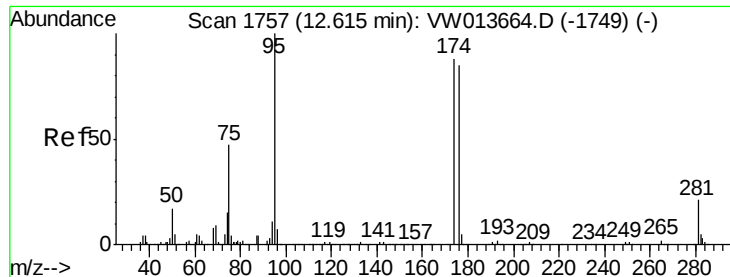
Tgt Ion: 83 Resp: 10232
Ion Ratio Lower Upper
83 100
55 74.4 59.9 89.9
98 45.7 39.4 59.2



#50
Toluene-d8
Concen: 51.607 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013949.D
Acq: 08 Nov 2019 17:12

Tgt Ion: 98 Resp: 525280
Ion Ratio Lower Upper
98 100
100 65.7 53.4 80.0

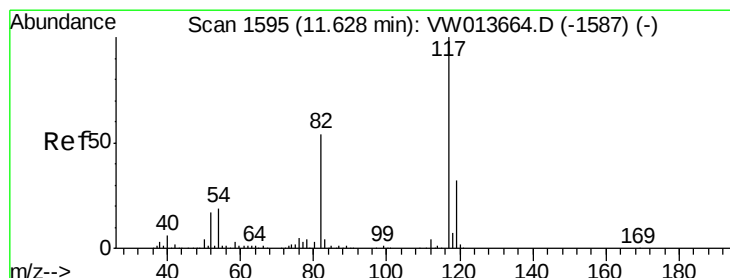
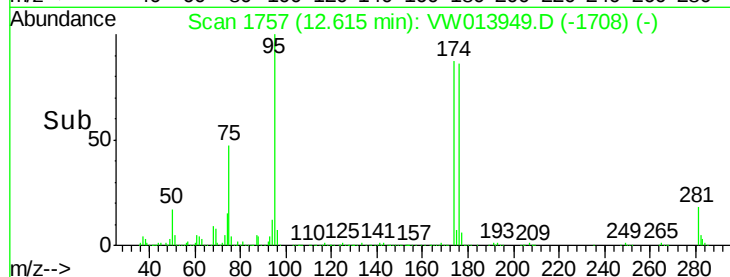
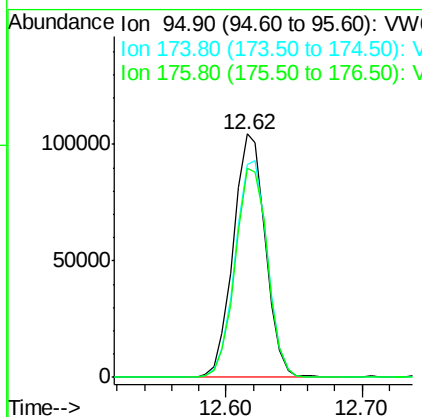
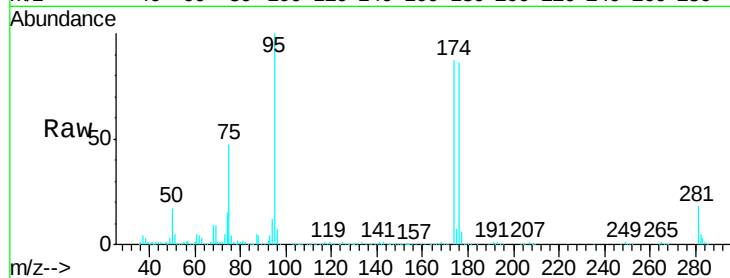




#62
4-Bromofluorobenzene
Concen: 49.432 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW013949.D
Acq: 08 Nov 2019 17:12

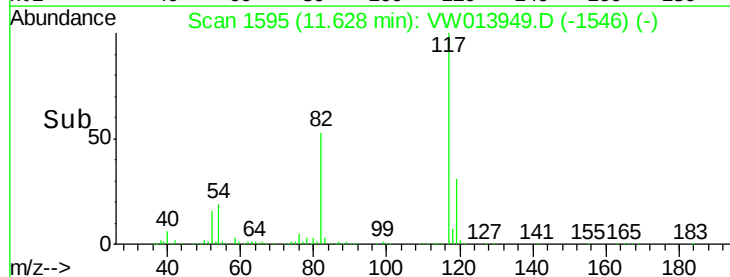
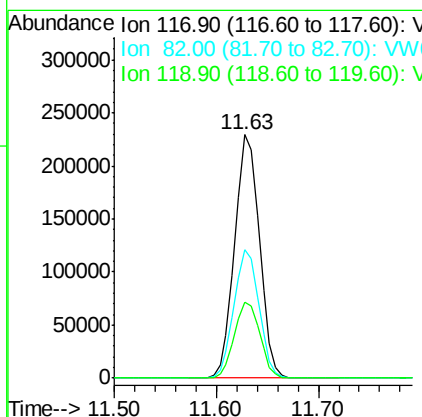
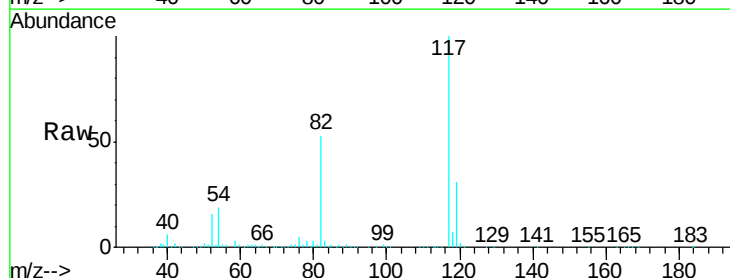
Instrument :
MSVOA_W
ClientSampled :
SB-38-(2-4)

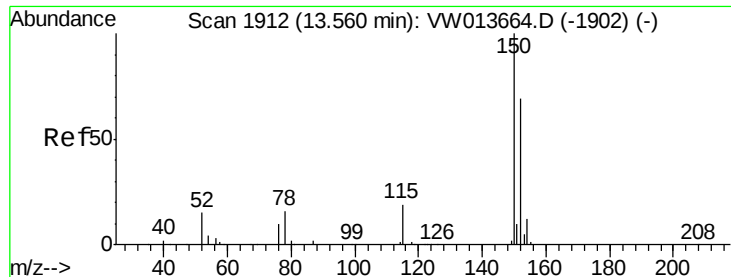
Tgt Ion: 95 Resp: 170365
Ion Ratio Lower Upper
95 100
174 90.1 0.0 183.6
176 87.4 0.0 178.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013949.D
Acq: 08 Nov 2019 17:12

Tgt Ion: 117 Resp: 385283
Ion Ratio Lower Upper
117 100
82 52.7 43.6 65.4
119 31.2 25.4 38.2



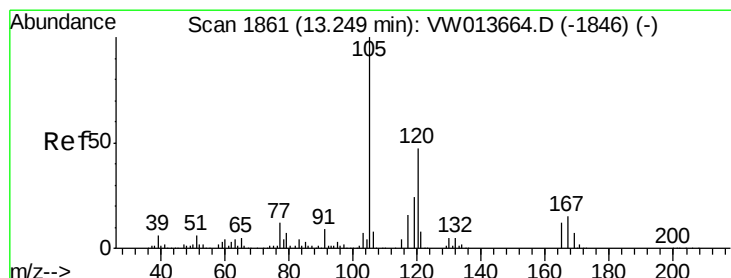
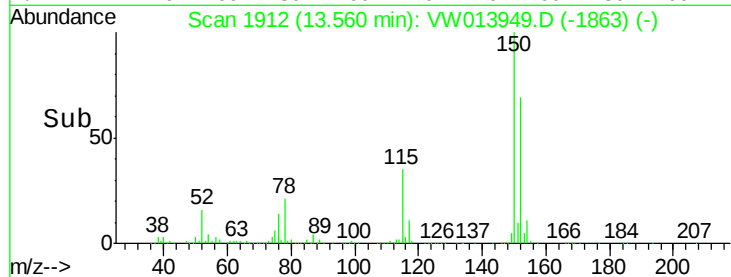
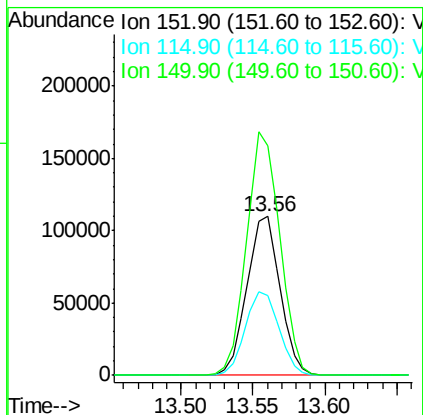
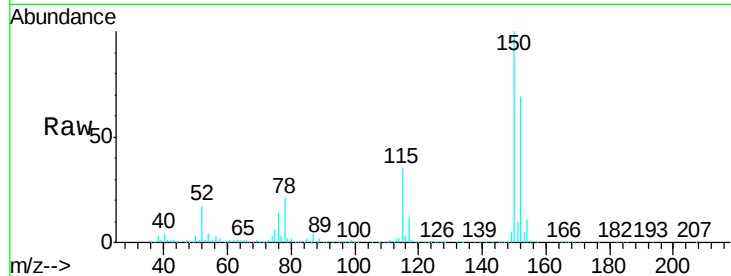


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW013949.D
Acq: 08 Nov 2019 17:12

Instrument :
MSVOA_W
ClientSampleId :
SB-38-(2-4)

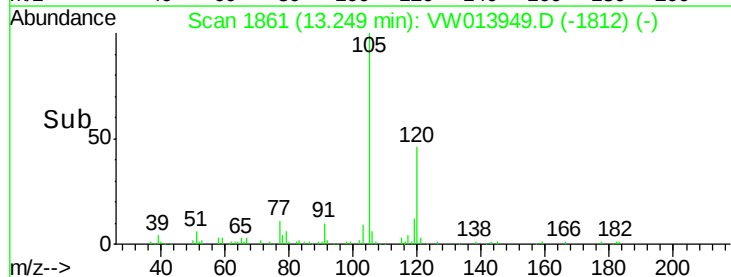
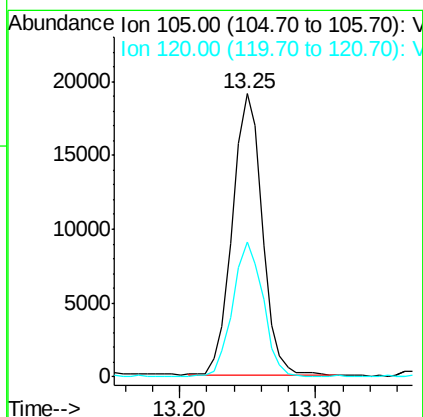
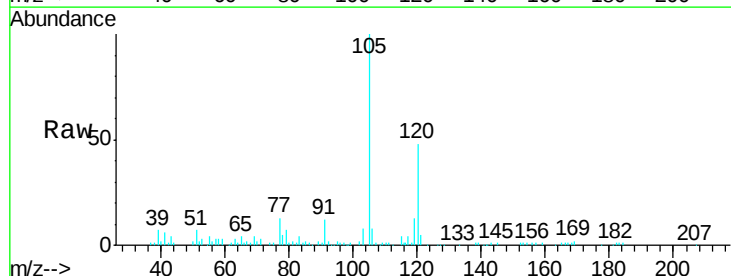
Tgt Ion:152 Resp: 174038
Ion Ratio Lower Upper
152 100
115 54.0 27.4 82.2
150 154.3 0.0 345.4

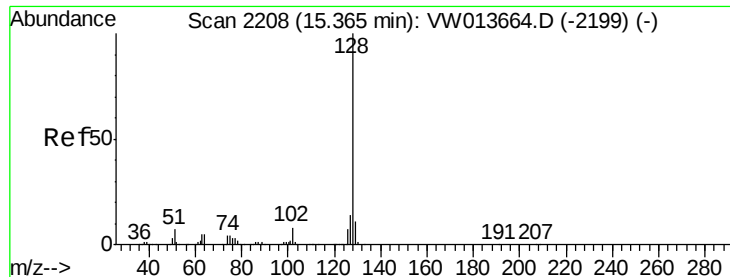


#84

1,2,4-Trimethylbenzene
Concen: 2.793 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VW013949.D
Acq: 08 Nov 2019 17:12

Tgt Ion:105 Resp: 29064
Ion Ratio Lower Upper
105 100
120 48.9 23.5 70.5





#95

Naphthalene

Concen: 2.203 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. -0.00 min

Lab File: VW013949.D

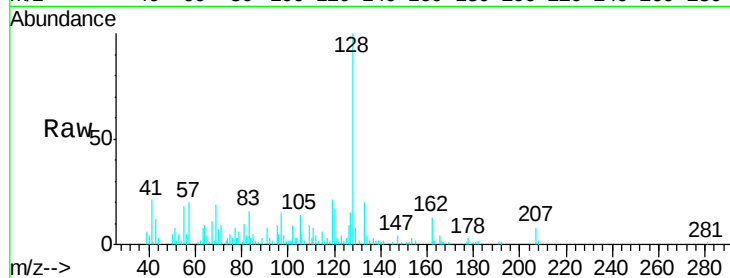
Acq: 08 Nov 2019 17:12

Instrument :

MSVOA_W

ClientSampleId :

SB-38-(2-4)



Tgt Ion:	128	Resp:	12606
Ion	Ratio	Lower	Upper
128	100		
127	19.4	10.6	15.8#
129	12.6	8.7	13.1

