

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082819\
 Data File : VW012279.D
 Acq On : 29 Aug 2019 03:45
 Operator : SY/VA
 Sample : K4567-18
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-8-D2

Quant Time: Aug 29 07:41:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

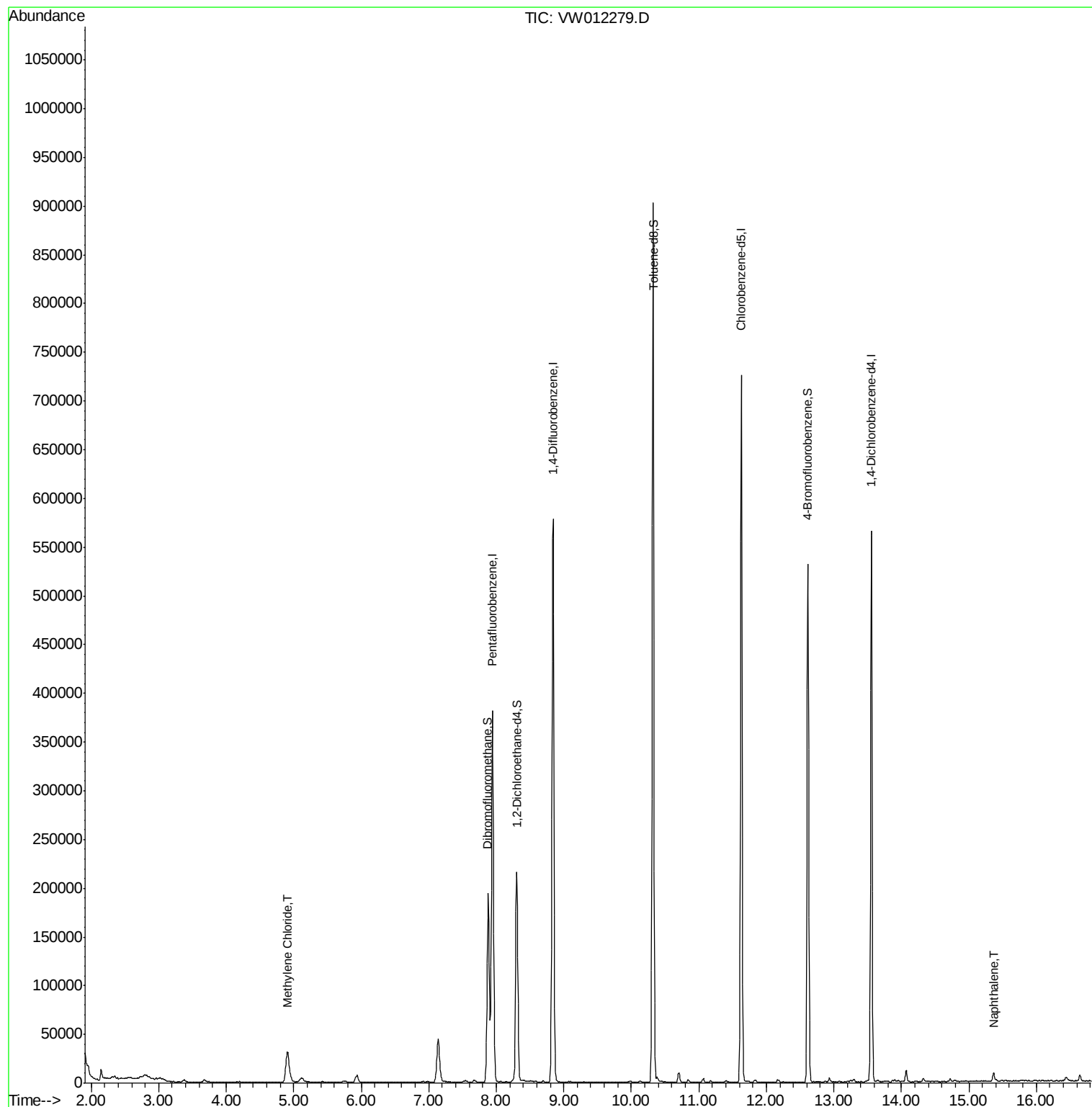
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	275672	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	458325	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	376329	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	140291	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	175113	53.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.88%	
35) Dibromofluoromethane	7.88	113	138235	50.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.06%	
50) Toluene-d8	10.32	98	561213	50.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.18%	
62) 4-Bromofluorobenzene	12.62	95	171697	43.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.82%	
Target Compounds						
20) Methylene Chloride	4.92	84	22773	7.191	ug/l	98
95) Naphthalene	15.36	128	6810	5.497	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082819\
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Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 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: VW012279.D

Acq: 29 Aug 2019 03:45

Instrument :

MSVOA_W

ClientSampleId :

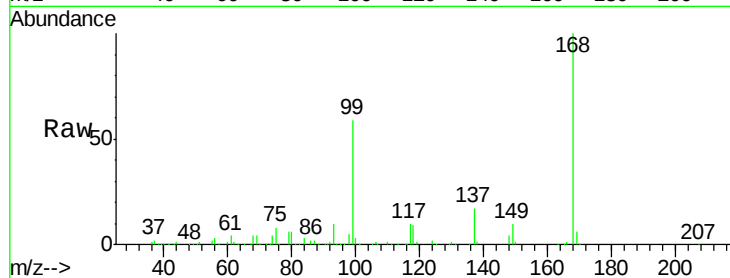
TP-8-D2

Tot Ion:168 Resp: 275672

Ion Ratio Lower Upper

168 100

99 59.0 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

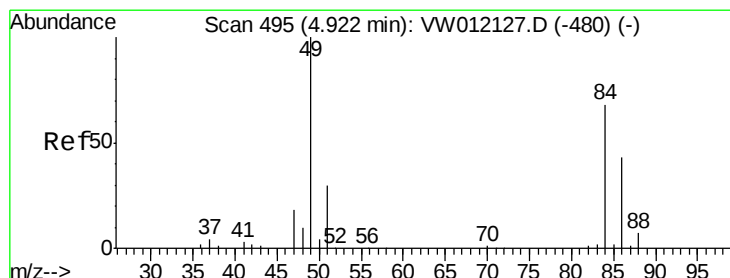
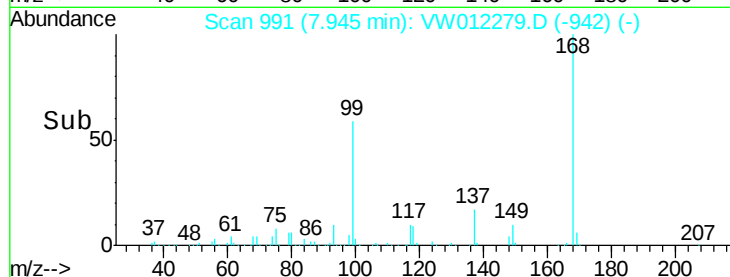
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 7.191 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW012279.D

Acq: 29 Aug 2019 03:45

Tgt Ion: 84 Resp: 22773

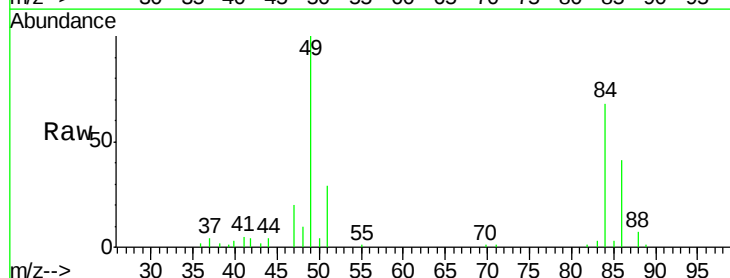
Ion Ratio Lower Upper

84 100

49 146.2 117.8 176.8

51 43.1 35.6 53.4

86 60.0 51.2 76.8



Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW

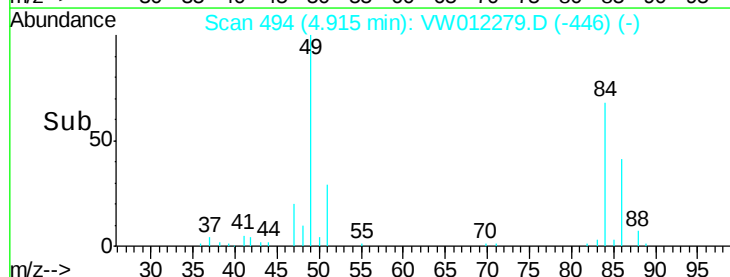
15000

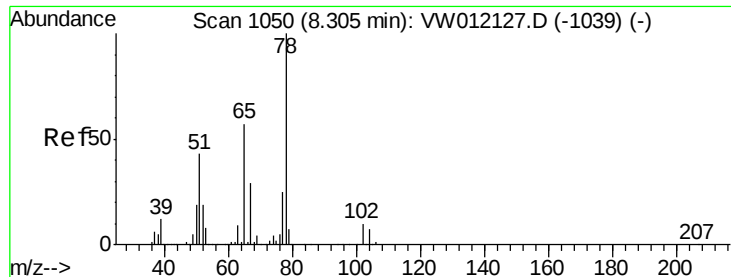
10000

5000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 53.436 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012279.D

Acq: 29 Aug 2019 03:45

Instrument :

MSVOA_W

ClientSampled :

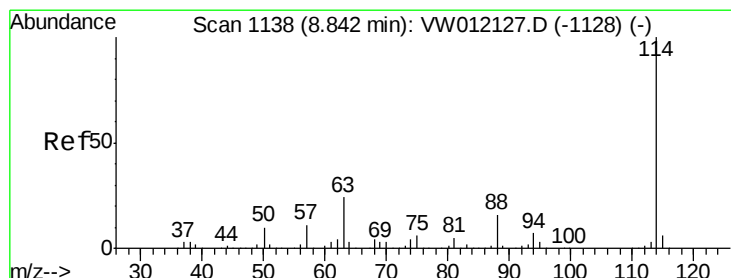
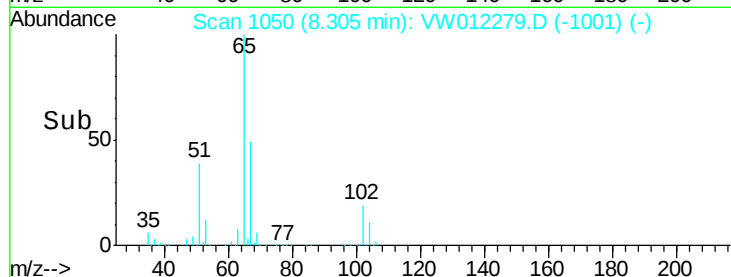
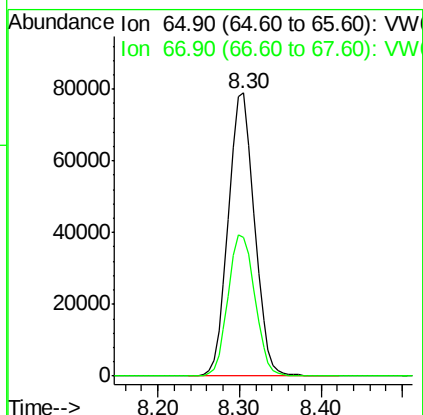
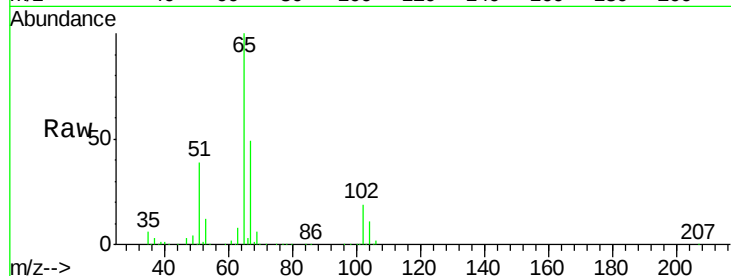
TP-8-D2

Tot Ion: 65 Resp: 175113

Ion Ratio Lower Upper

65 100

67 51.2 0.0 102.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW012279.D

Acq: 29 Aug 2019 03:45

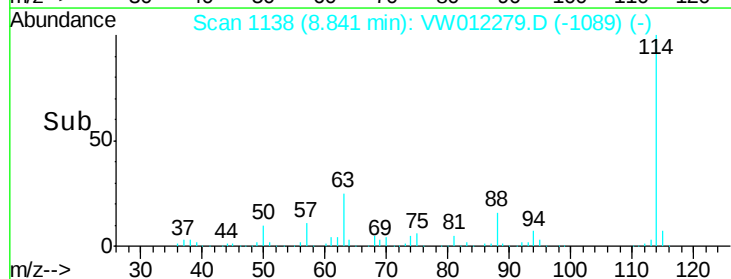
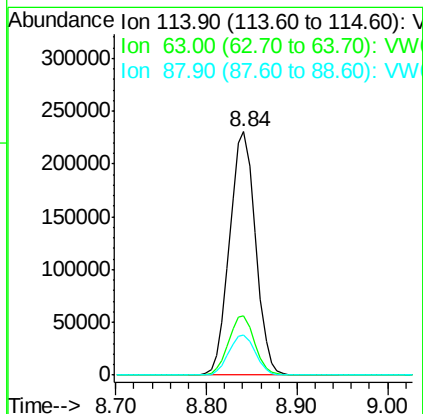
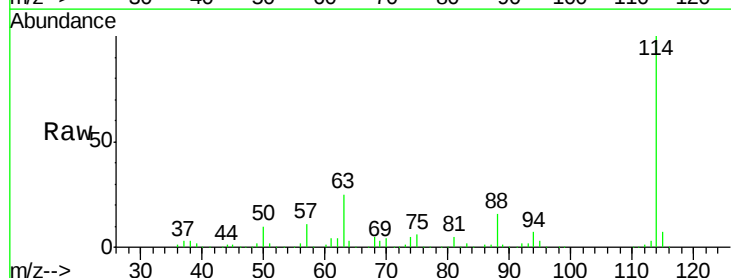
Tgt Ion: 114 Resp: 458325

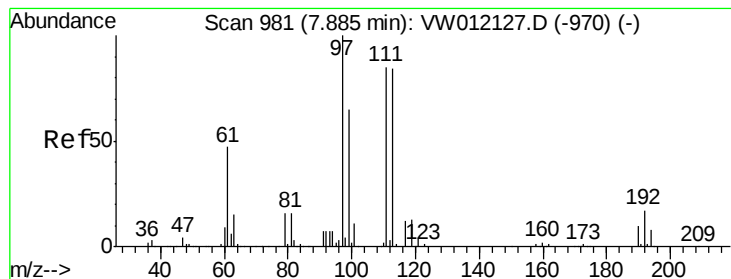
Ion Ratio Lower Upper

114 100

63 24.5 0.0 48.6

88 16.3 0.0 32.2





#35

Dibromofluoromethane

Concen: 50.529 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW012279.D

Acq: 29 Aug 2019 03:45

Instrument :

MSVOA_W

ClientSampleId :

TP-8-D2

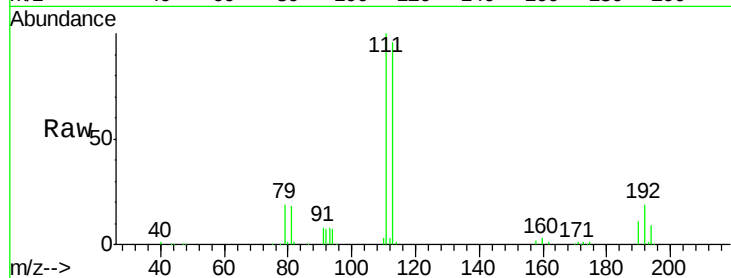
Tot Ion:113 Resp: 138235

Ion Ratio Lower Upper

113 100

111 103.4 82.7 124.1

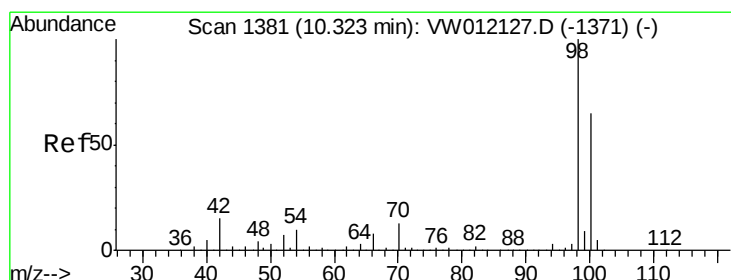
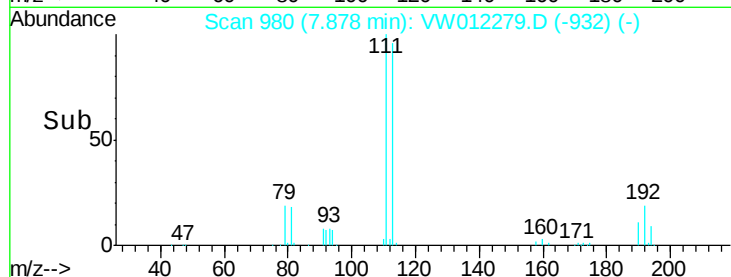
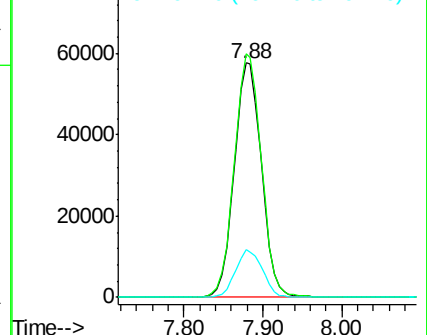
192 20.1 16.2 24.2



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



#50

Toluene-d8

Concen: 50.593 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012279.D

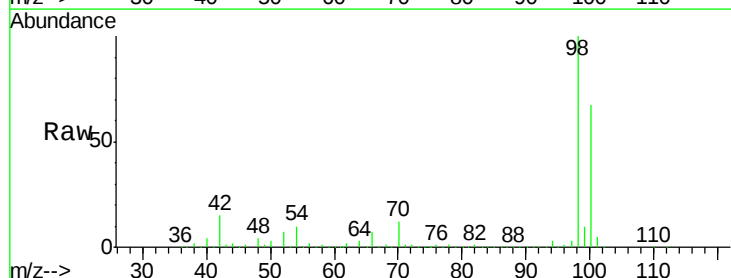
Acq: 29 Aug 2019 03:45

Tgt Ion: 98 Resp: 561213

Ion Ratio Lower Upper

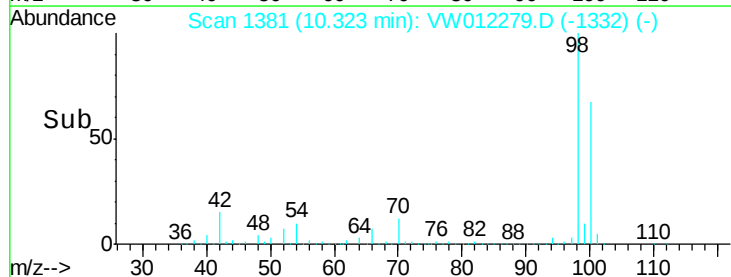
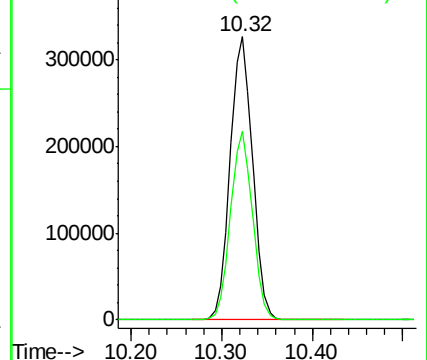
98 100

100 65.3 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 43.910 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012279.D

Acq: 29 Aug 2019 03:45

Instrument :

MSVOA_W

ClientSampleId :

TP-8-D2

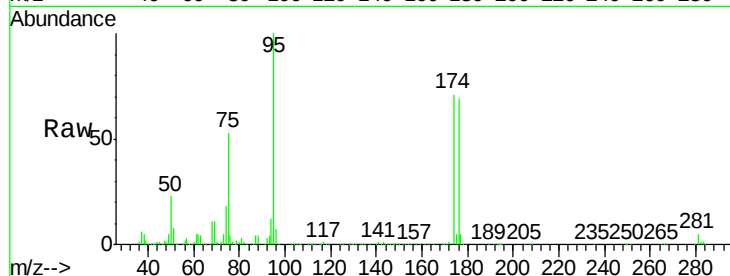
Tot Ion: 95 Resp: 171697

Ion Ratio Lower Upper

95 100

174 76.1 0.0 150.8

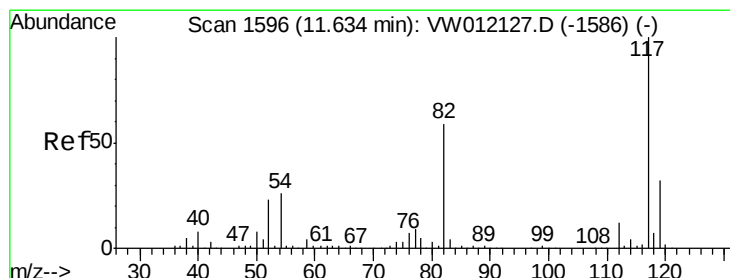
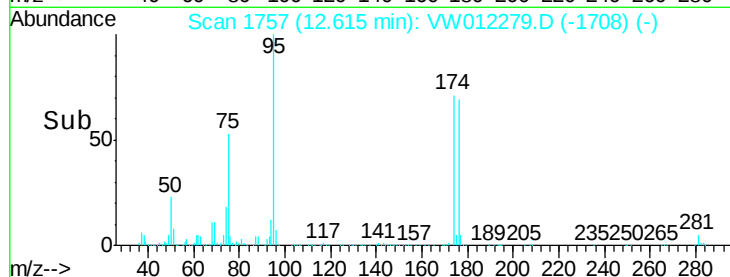
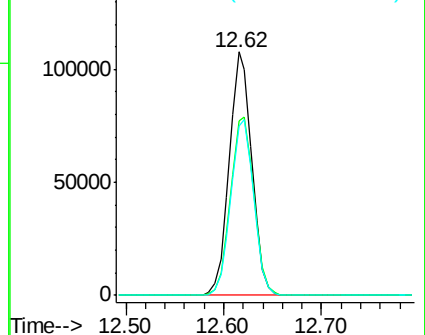
176 73.7 0.0 148.6



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.01 min

Lab File: VW012279.D

Acq: 29 Aug 2019 03:45

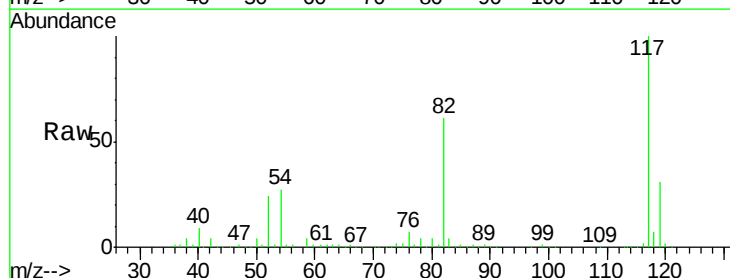
Tgt Ion: 117 Resp: 376329

Ion Ratio Lower Upper

117 100

82 60.9 47.4 71.2

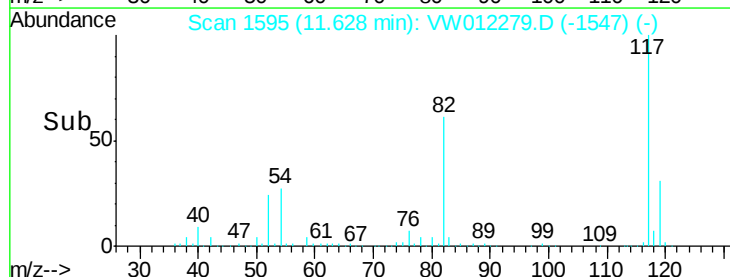
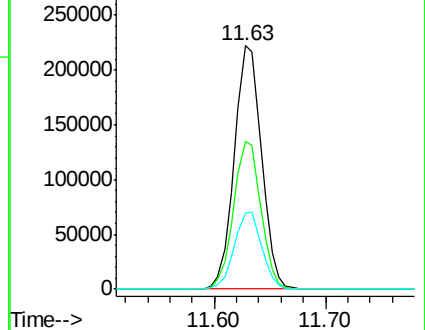
119 31.4 25.4 38.2

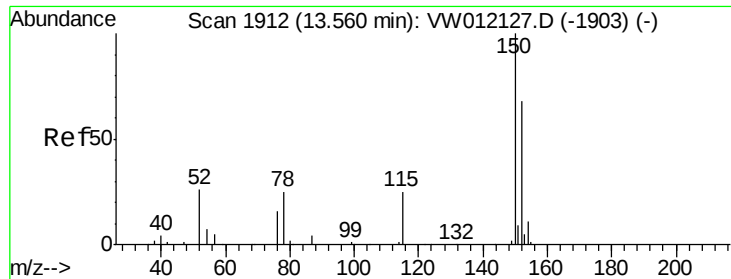


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

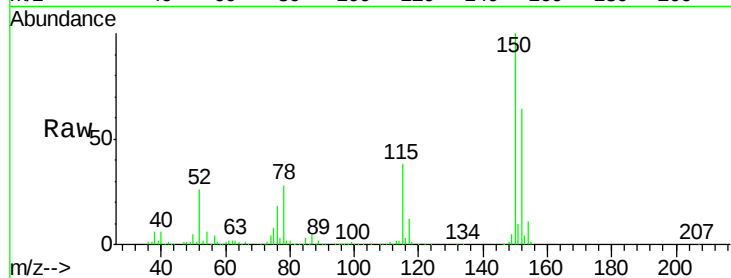




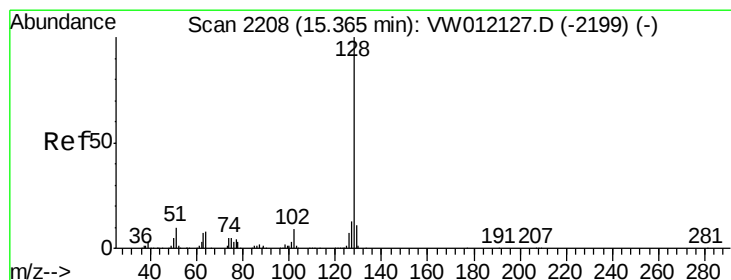
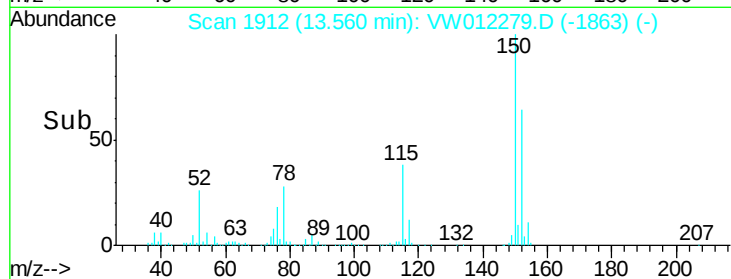
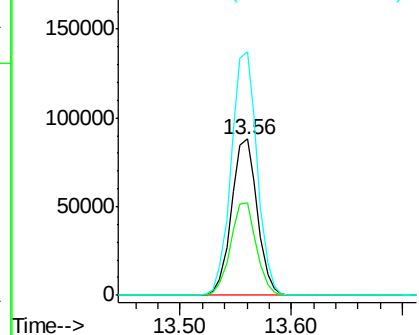
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.56 min Scan# 1912
 Delta R.T. -0.00 min
 Lab File: VW012279.D
 Acq: 29 Aug 2019 03:45

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-8-D2

Tot Ion:152 Resp: 140291
 Ion Ratio Lower Upper
 152 100
 115 59.3 30.1 90.3
 150 157.3 0.0 345.8

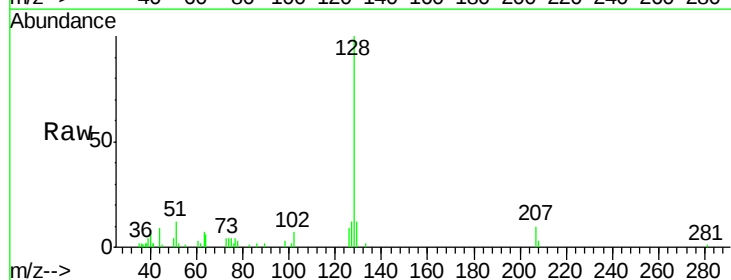


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V



#95
 Naphthalene
 Concen: 5.497 ug/l
 RT: 15.36 min Scan# 2208
 Delta R.T. 0.00 min
 Lab File: VW012279.D
 Acq: 29 Aug 2019 03:45

Tgt Ion:128 Resp: 6810
 Ion Ratio Lower Upper
 128 100
 127 13.6 10.7 16.1
 129 11.4 8.7 13.1



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

