

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072419\
 Data File : VW011457.D
 Acq On : 24 Jul 2019 03:05
 Operator : SY/VA
 Sample : K3943-01
 Misc : 5.23G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PA-71619

Quant Time: Jul 24 07:45:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 11 08:14:17 2019
 Response via : Initial Calibration

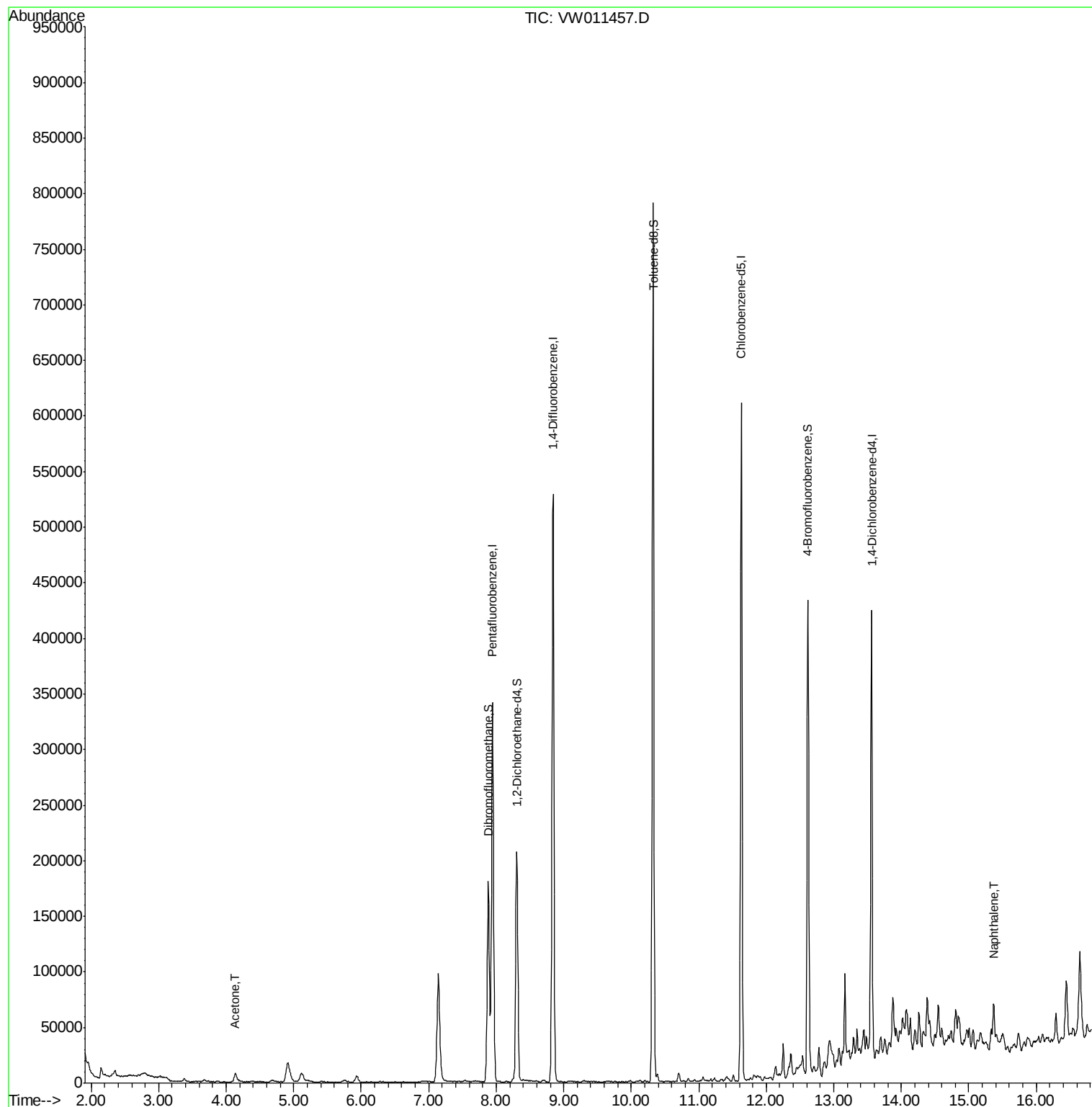
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	249357	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	426551	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	319816	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	100899	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	163041	52.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.08%	
35) Dibromofluoromethane	7.88	113	129989	51.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.26%	
50) Toluene-d8	10.32	98	501142	48.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.52%	
62) 4-Bromofluorobenzene	12.62	95	140379	37.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.54%	
Target Compounds						
16) Acetone	4.14	43	15500	20.560	ug/l	93
95) Naphthalene	15.36	128	37056	9.502	ug/l	95

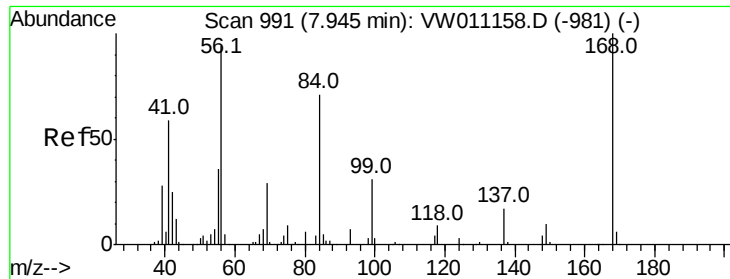
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW011457.D

Acq: 24 Jul 2019 03:05

Instrument :

MSVOA_W

ClientSampleId :

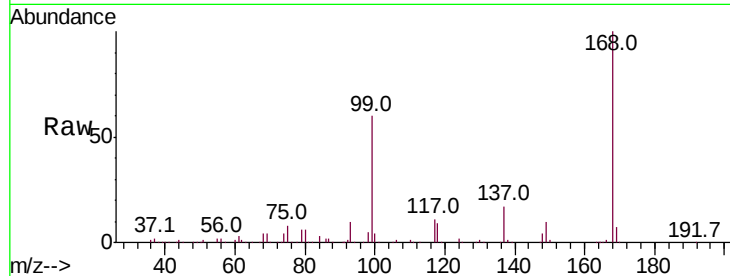
PA-71619

Tot Ion:168 Resp: 249357

Ion Ratio Lower Upper

168 100

99 59.6 50.1 75.1



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

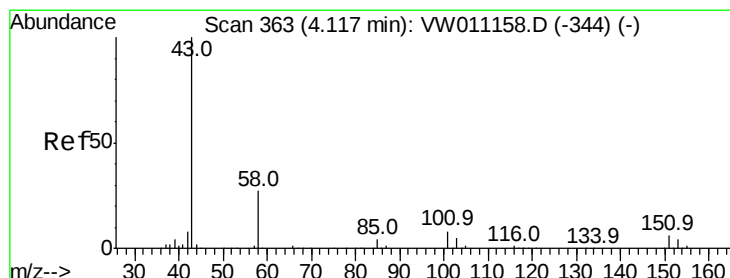
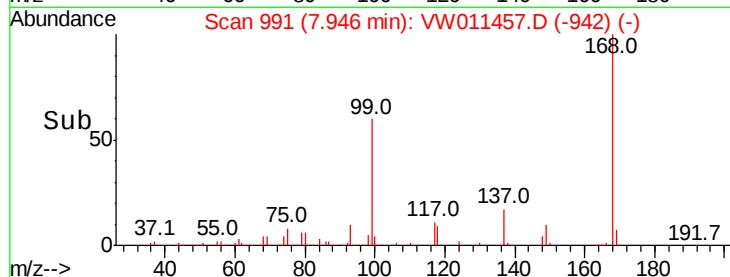
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 20.560 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.02 min

Lab File: VW011457.D

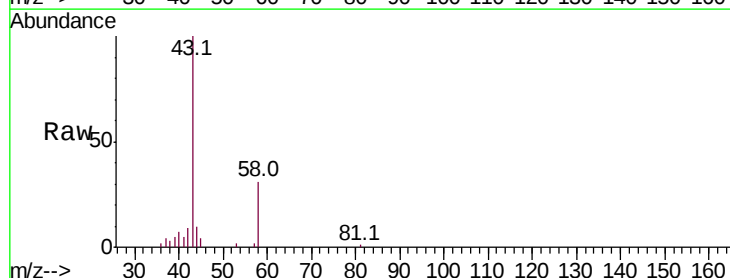
Acq: 24 Jul 2019 03:05

Tgt Ion: 43 Resp: 15500

Ion Ratio Lower Upper

43 100

58 30.8 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

5000

4000

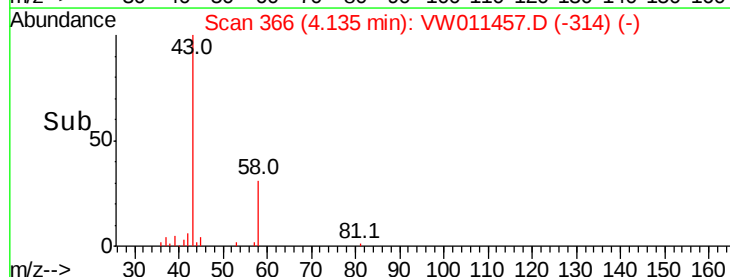
3000

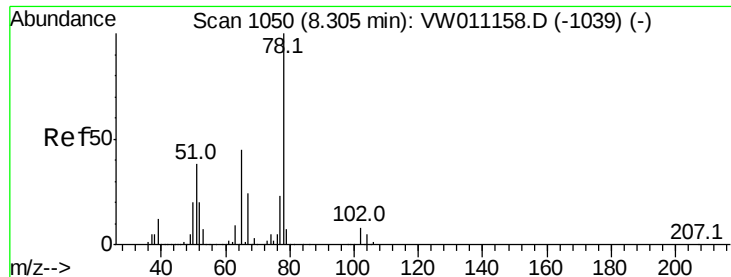
2000

1000

0

Time--> 4.00 4.10 4.20 4.30





#33

1,2-Dichloroethane-d4

Concen: 52.036 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW011457.D

Acq: 24 Jul 2019 03:05

Instrument :

MSVOA_W

ClientSampled :

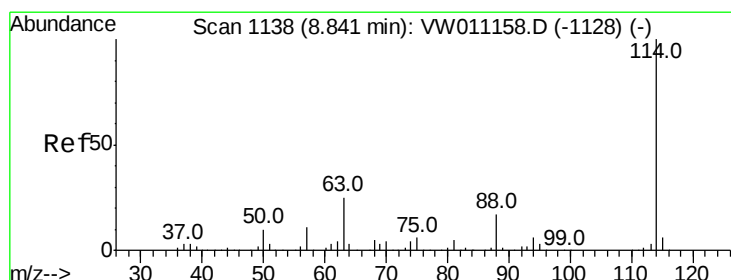
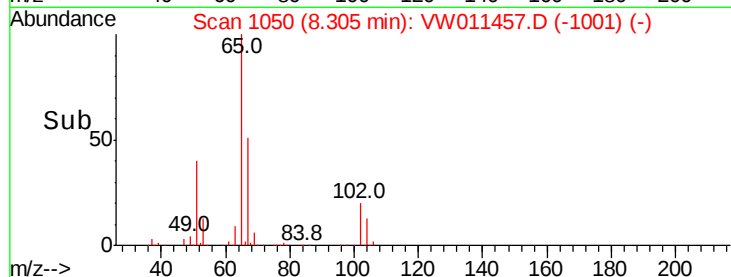
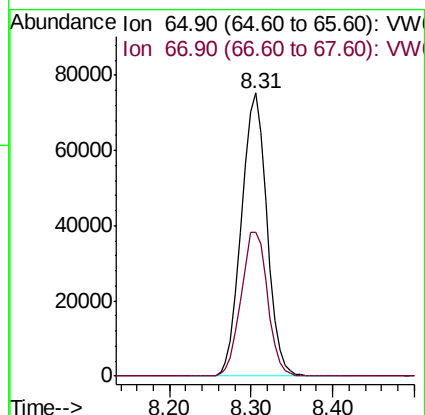
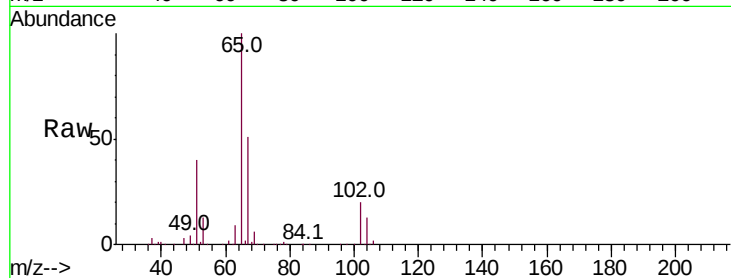
PA-71619

Tot Ion: 65 Resp: 163041

Ion Ratio Lower Upper

65 100

67 53.0 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW011457.D

Acq: 24 Jul 2019 03:05

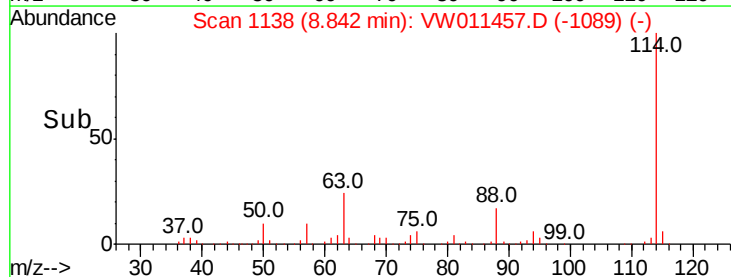
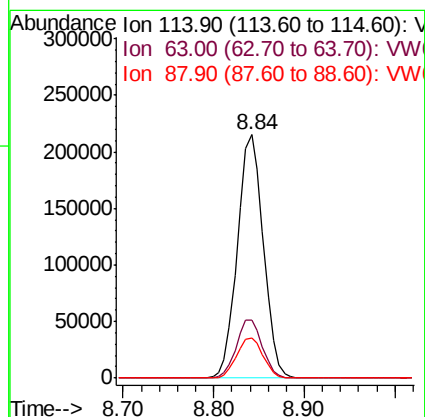
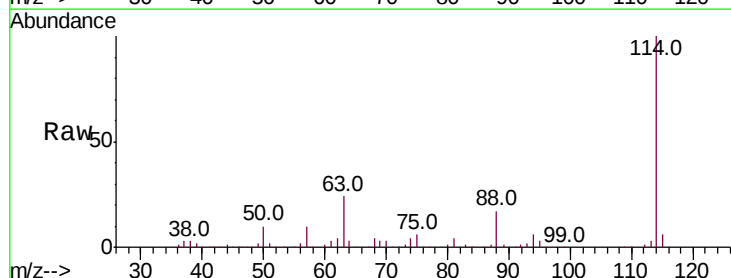
Tgt Ion: 114 Resp: 426551

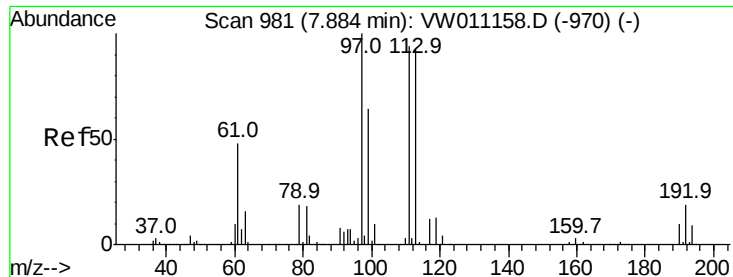
Ion Ratio Lower Upper

114 100

63 24.1 0.0 50.8

88 16.5 0.0 34.2

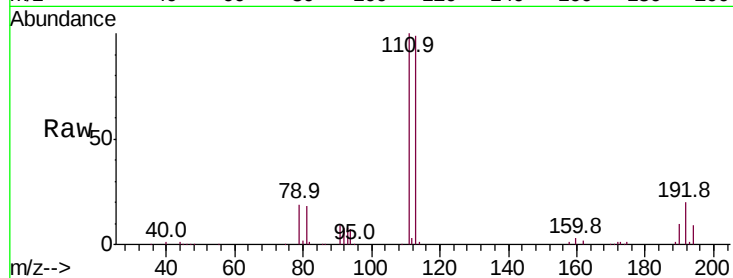




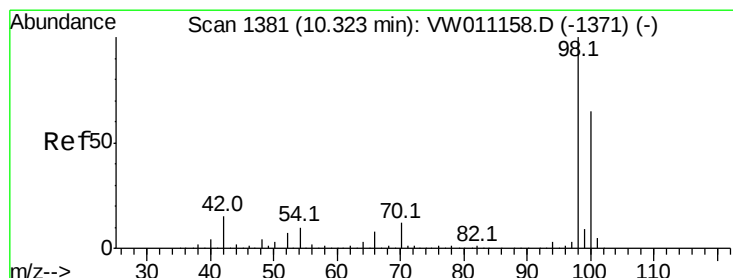
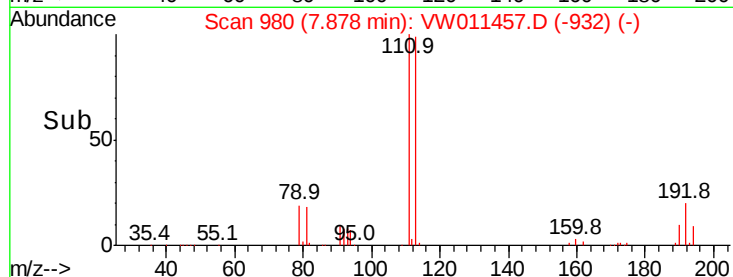
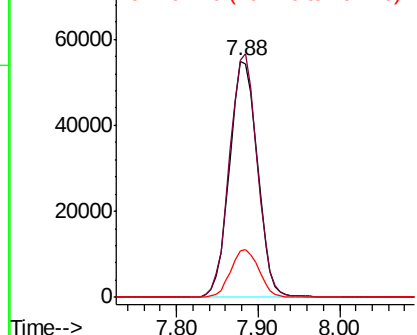
#35
 Dibromofluoromethane
 Concen: 51.128 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW011457.D
 Acq: 24 Jul 2019 03:05

Instrument :
 MSVOA_W
 ClientSampleId :
 PA-71619

Tot Ion:113 Resp: 129989
 Ion Ratio Lower Upper
 113 100
 111 102.1 82.4 123.6
 192 20.5 15.8 23.8

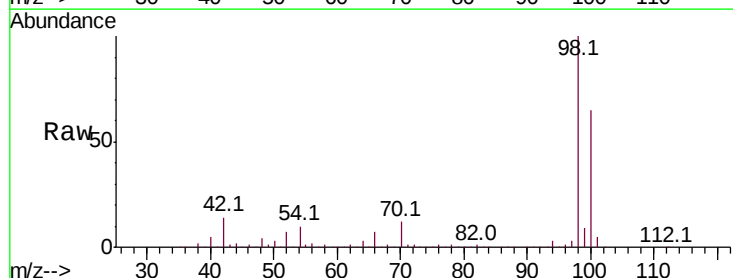


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

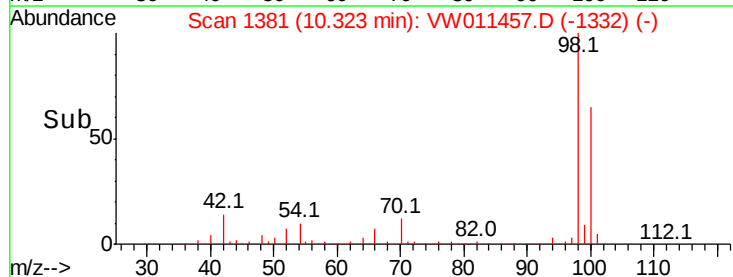
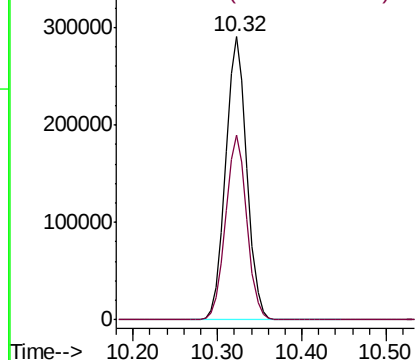


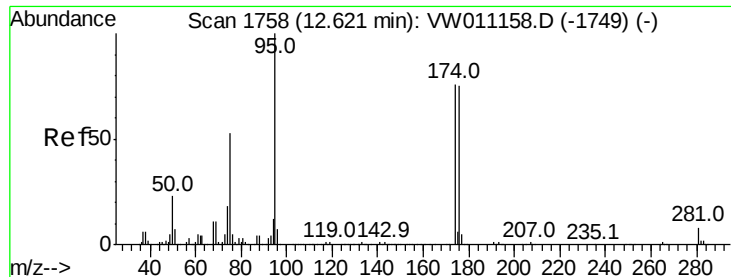
#50
 Toluene-d8
 Concen: 48.764 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VW011457.D
 Acq: 24 Jul 2019 03:05

Tgt Ion: 98 Resp: 501142
 Ion Ratio Lower Upper
 98 100
 100 65.2 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW
 Ion 100.00 (99.70 to 100.70): V

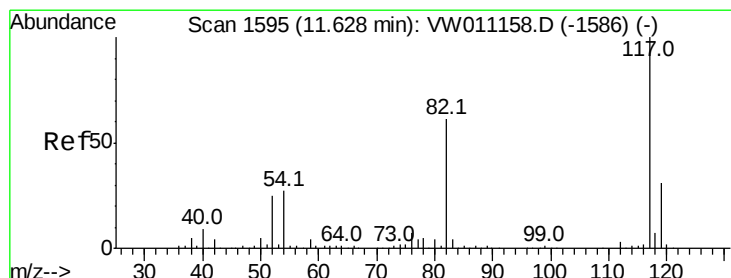
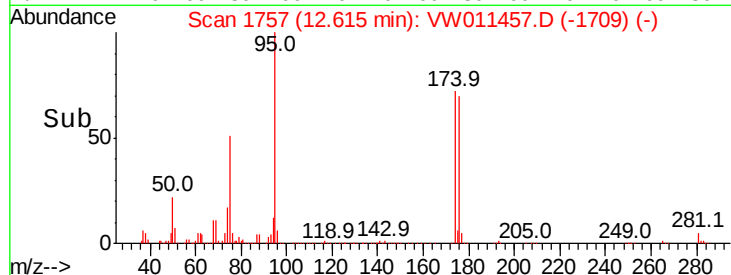
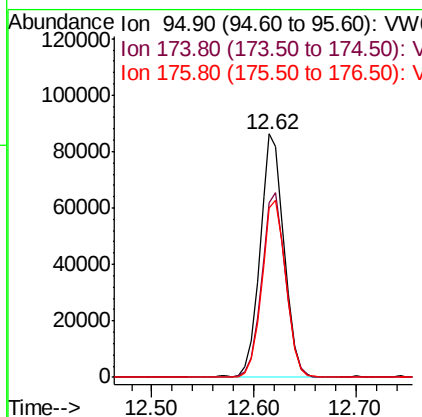
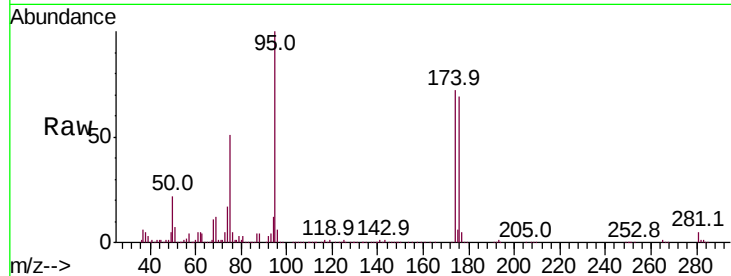




#62
4-Bromofluorobenzene
Concen: 37.267 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.01 min
Lab File: VW011457.D
Acq: 24 Jul 2019 03:05

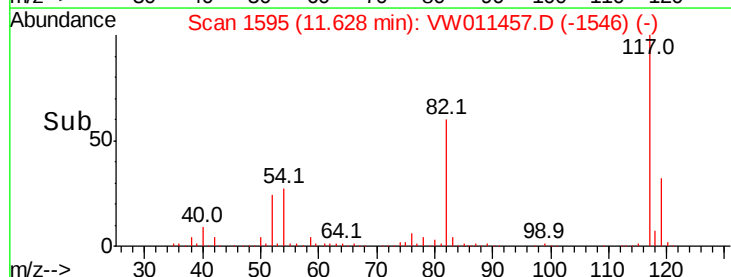
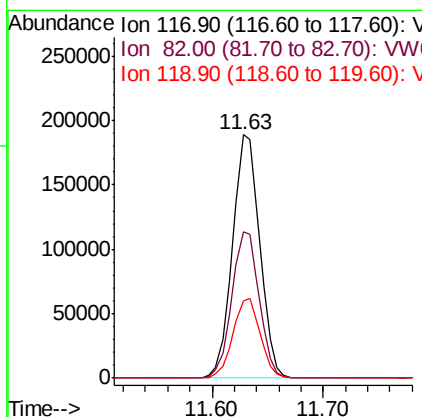
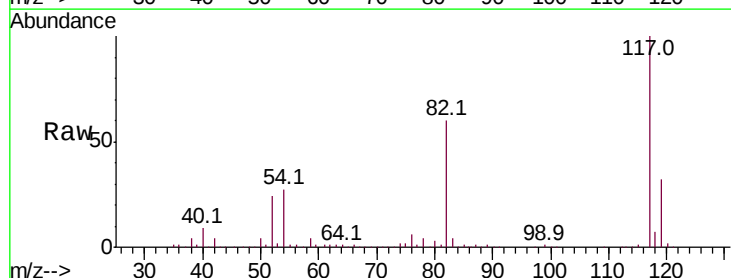
Instrument :
MSVOA_W
ClientSampleId :
PA-71619

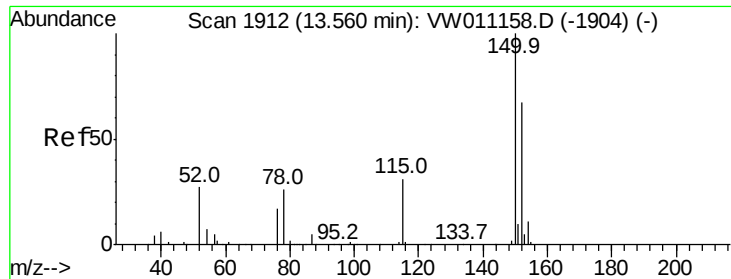
Tot Ion: 95 Resp: 140379
Ion Ratio Lower Upper
95 100
174 75.6 0.0 147.6
176 73.2 0.0 144.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW011457.D
Acq: 24 Jul 2019 03:05

Tgt Ion: 117 Resp: 319816
Ion Ratio Lower Upper
117 100
82 60.3 48.9 73.3
119 31.8 25.0 37.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW011457.D

Acq: 24 Jul 2019 03:05

Instrument :

MSVOA_W

ClientSampleId :

PA-71619

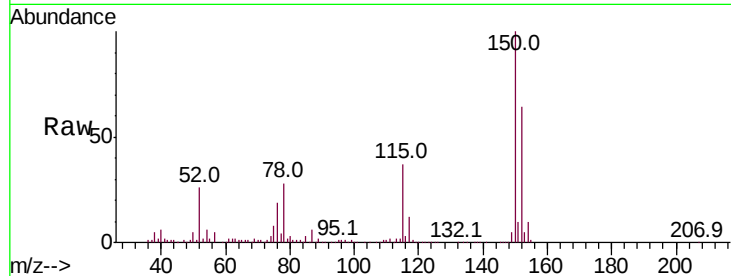
Tot Ion:152 Resp: 100899

Ion Ratio Lower Upper

152 100

115 60.1 30.1 90.3

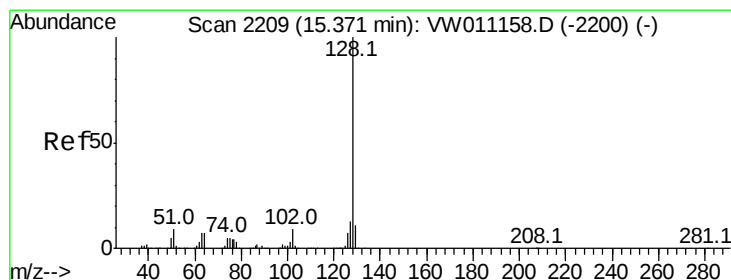
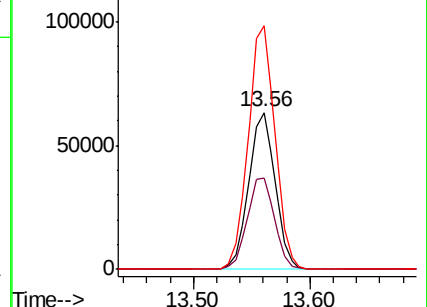
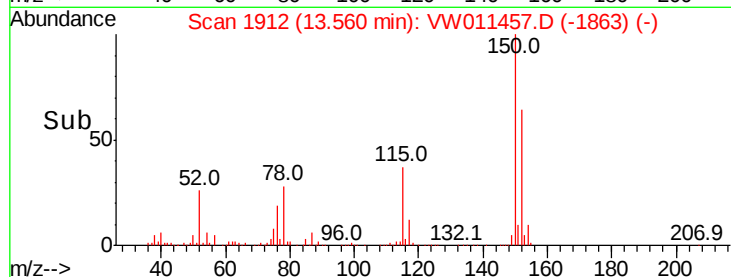
150 156.9 0.0 346.0



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: 9.502 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. -0.01 min

Lab File: VW011457.D

Acq: 24 Jul 2019 03:05

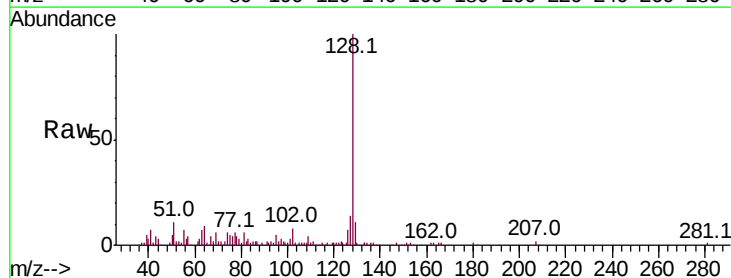
Tgt Ion:128 Resp: 37056

Ion Ratio Lower Upper

128 100

127 15.1 10.6 16.0

129 13.0 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

