

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072519\
 Data File : VW011477.D
 Acq On : 24 Jul 2019 16:13
 Operator : SY/VA
 Sample : K3983-01
 Misc : 6.60G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SP-1

Quant Time: Jul 25 05:04:50 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	255255	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	424498	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	341292	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	121473	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	160997	50.20	ug/l	0.00
Spiked Amount			Recovery	=	100.40%	
35) Dibromofluoromethane	7.88	113	128568	50.81	ug/l	0.00
Spiked Amount			Recovery	=	101.62%	
50) Toluene-d8	10.32	98	511551	50.02	ug/l	0.00
Spiked Amount			Recovery	=	100.04%	
62) 4-Bromofluorobenzene	12.62	95	154194	41.13	ug/l	0.00
Spiked Amount			Recovery	=	82.26%	

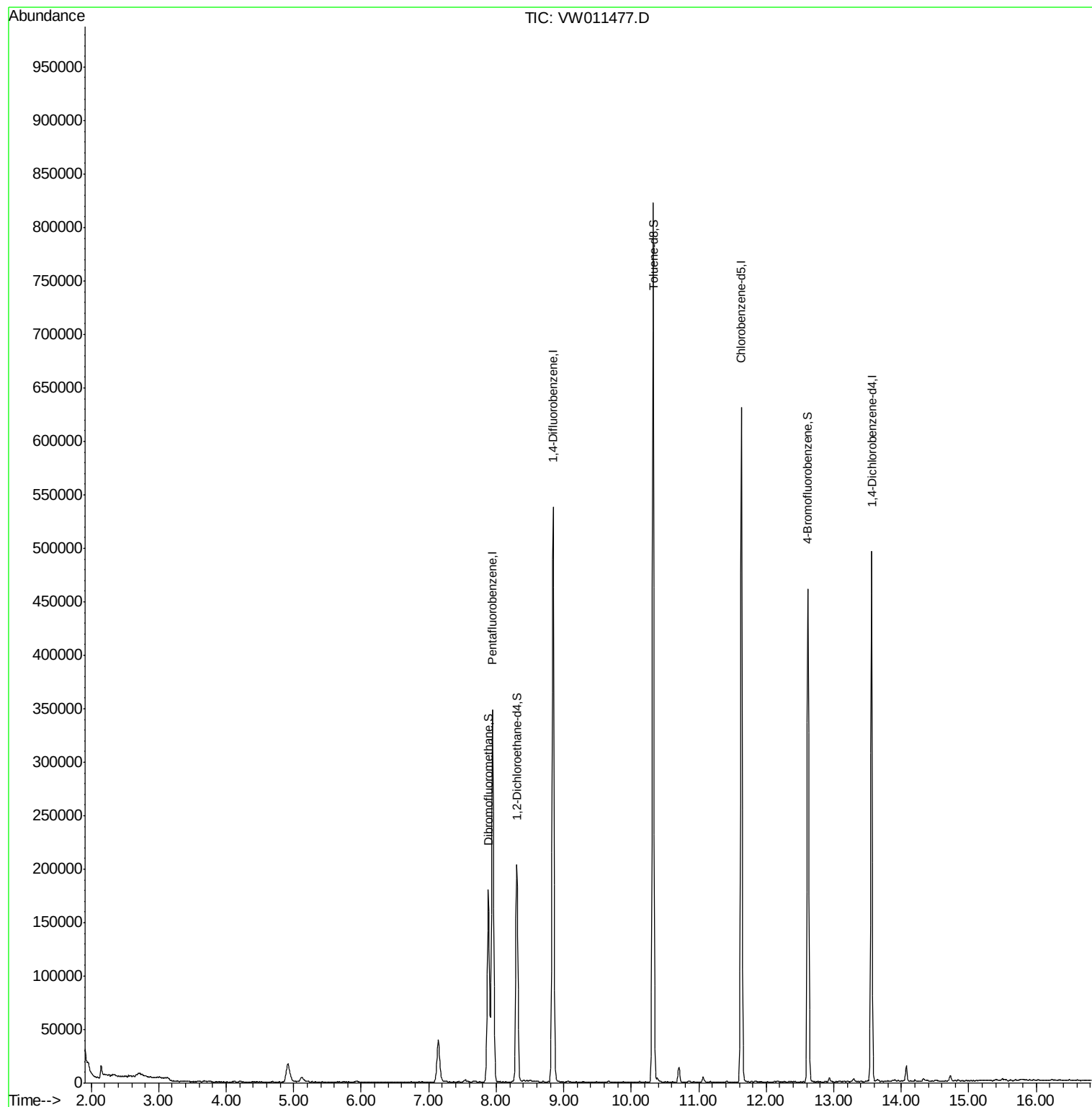
Target Compounds	Qvalue
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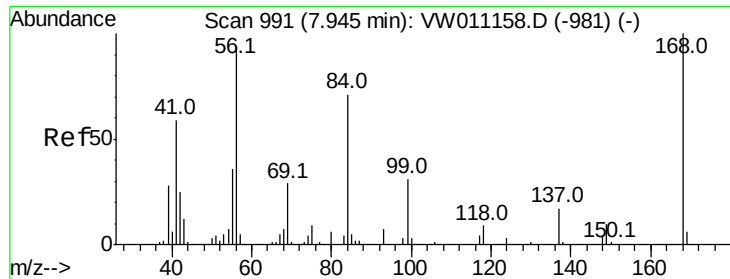
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW011477.D

Acq: 24 Jul 2019 16:13

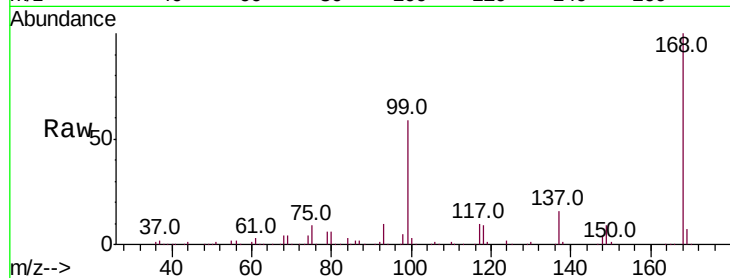
Instrument :
MSVOA_W
ClientSampled :
SP-1

Tot Ion:168 Resp: 255255

Ion Ratio Lower Upper

168 100

99 59.0 50.1 75.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

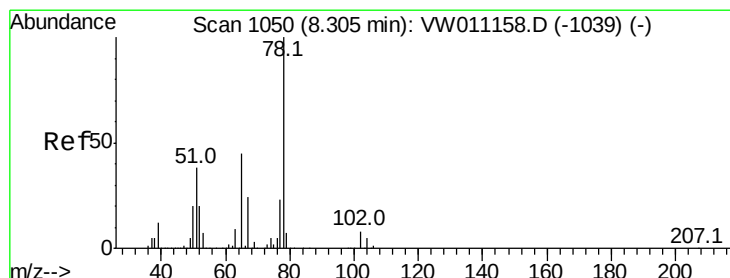
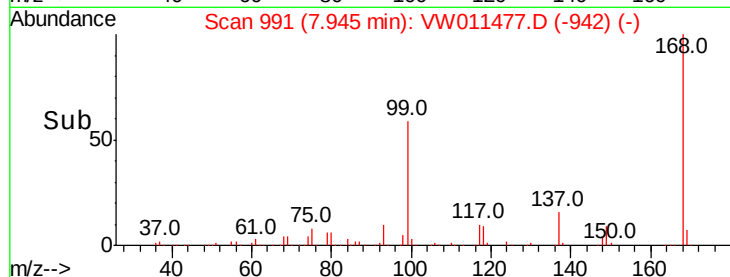
100000

50000

0

Time-->

7.90 8.00



#33

1,2-Dichloroethane-d4

Concen: 50.196 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW011477.D

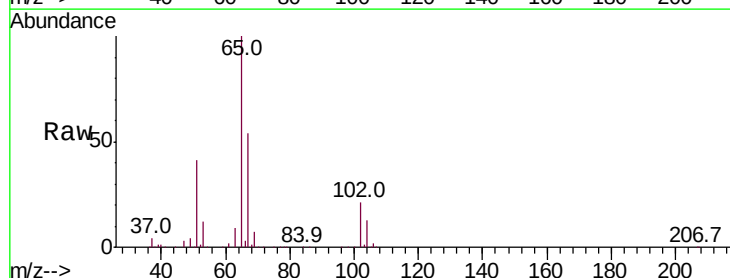
Acq: 24 Jul 2019 16:13

Tgt Ion: 65 Resp: 160997

Ion Ratio Lower Upper

65 100

67 52.8 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

80000

60000

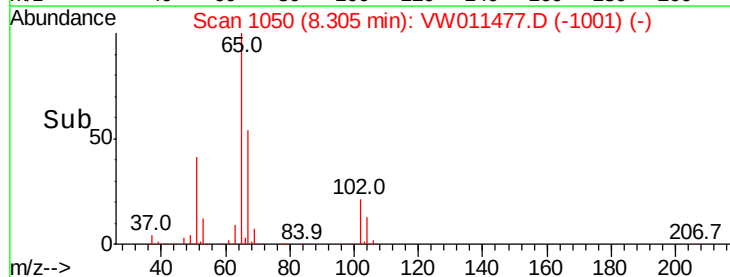
40000

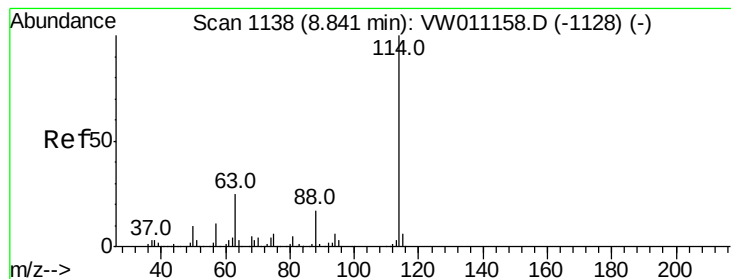
20000

0

Time-->

8.20 8.30 8.40





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW011477.D

Acq: 24 Jul 2019 16:13

Instrument :

MSVOA_W

ClientSampleId :

SP-1

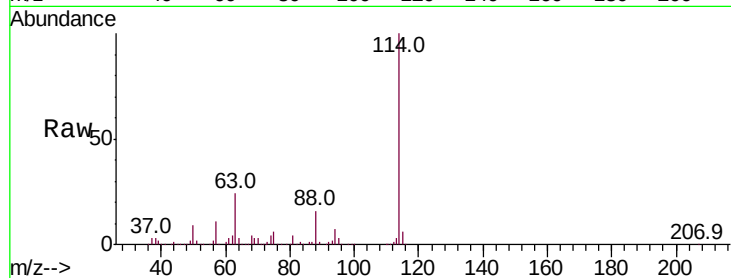
Tot Ion:114 Resp: 424498

Ion Ratio Lower Upper

114 100

63 23.9 0.0 50.8

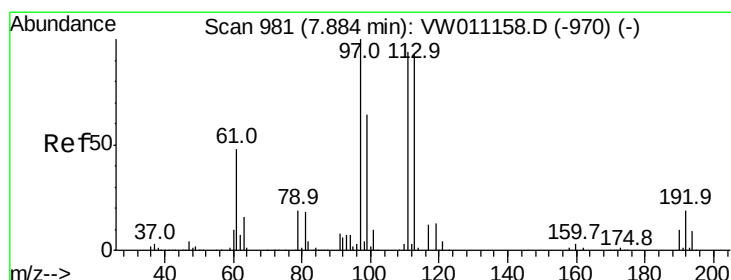
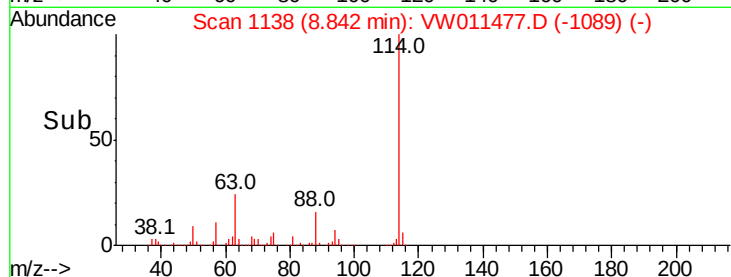
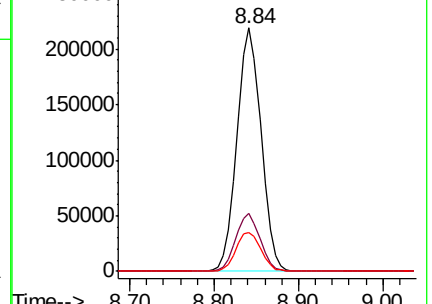
88 15.9 0.0 34.2



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: 50.813 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW011477.D

Acq: 24 Jul 2019 16:13

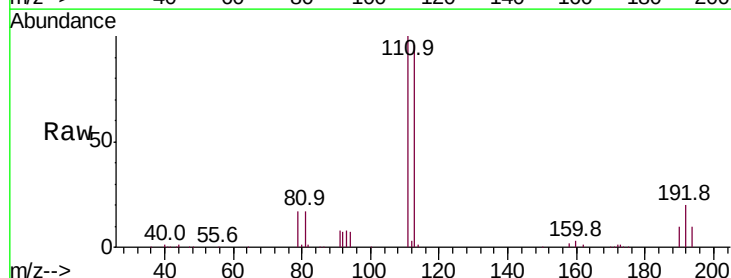
Tgt Ion:113 Resp: 128568

Ion Ratio Lower Upper

113 100

111 102.6 82.4 123.6

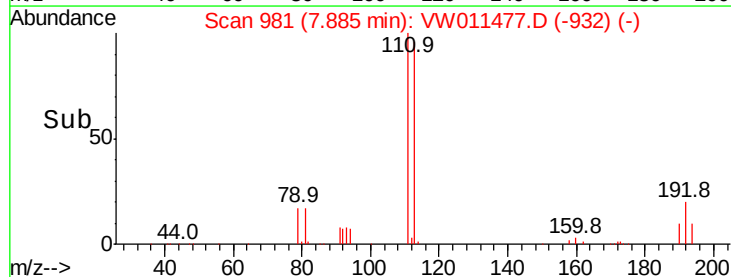
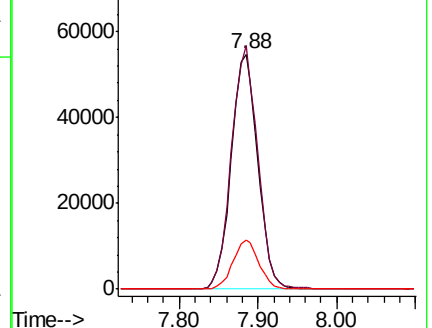
192 20.2 15.8 23.8

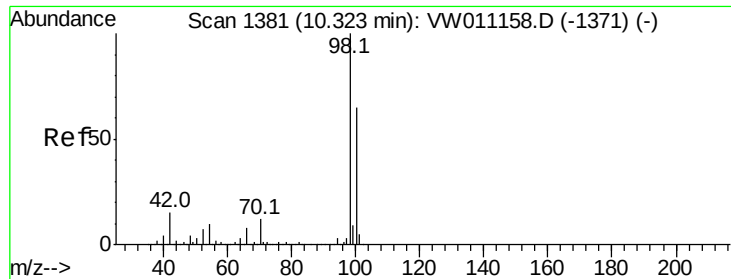


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

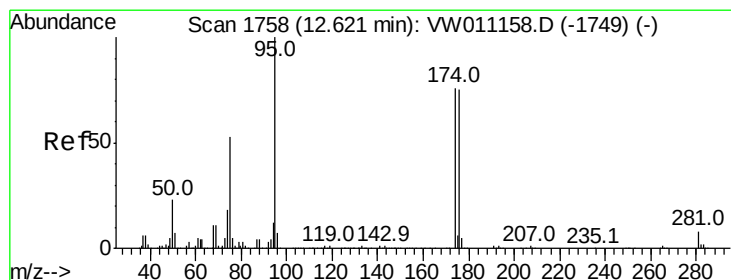
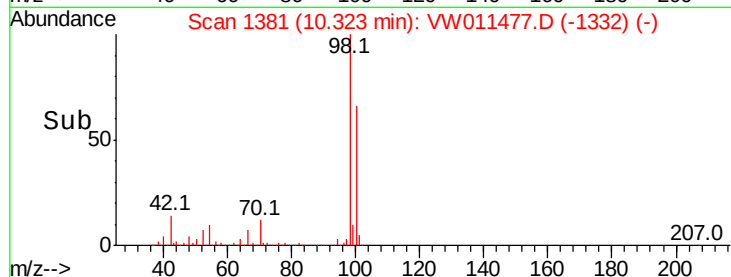
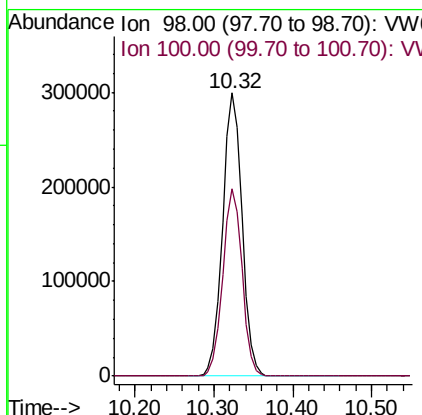
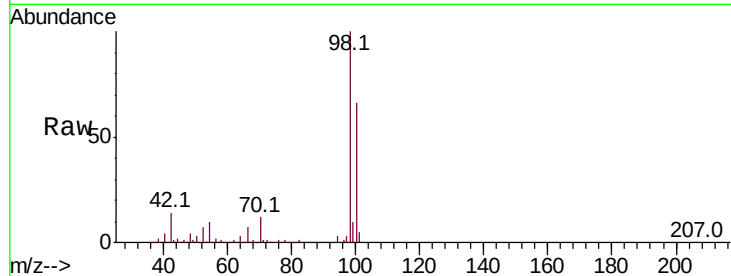




#50
Toluene-d8
Concen: 50.018 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW011477.D
Acq: 24 Jul 2019 16:13

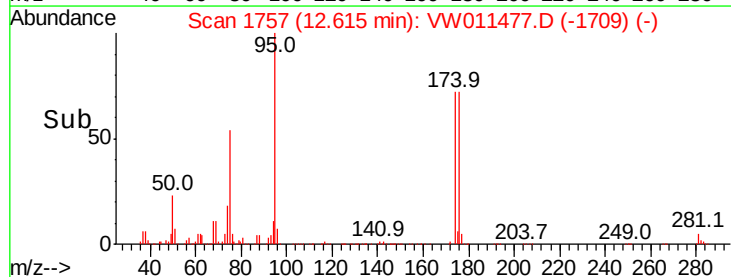
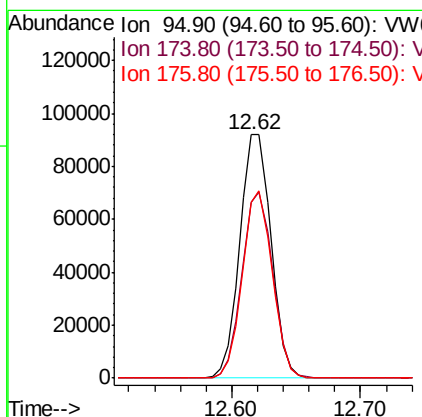
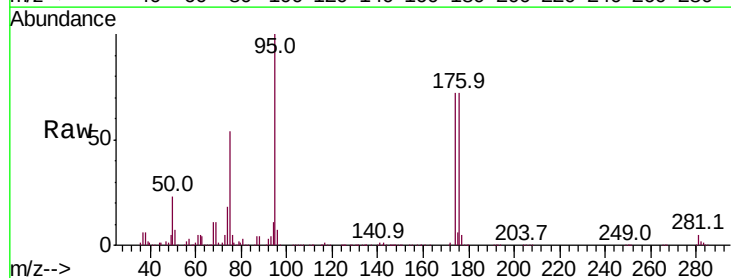
Instrument :
MSVOA_W
ClientSampleId :
SP-1

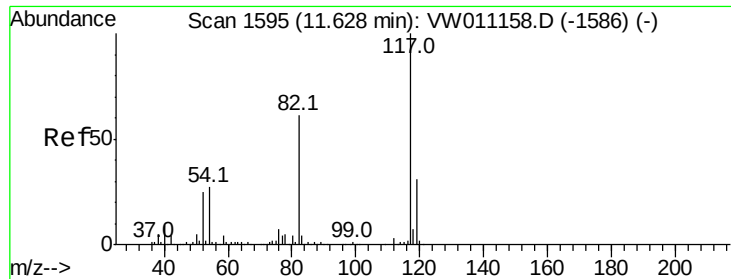
Tot Ion: 98 Resp: 511551
Ion Ratio Lower Upper
98 100
100 65.7 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 41.133 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.01 min
Lab File: VW011477.D
Acq: 24 Jul 2019 16:13

Tgt Ion: 95 Resp: 154194
Ion Ratio Lower Upper
95 100
174 75.4 0.0 147.6
176 73.6 0.0 144.6

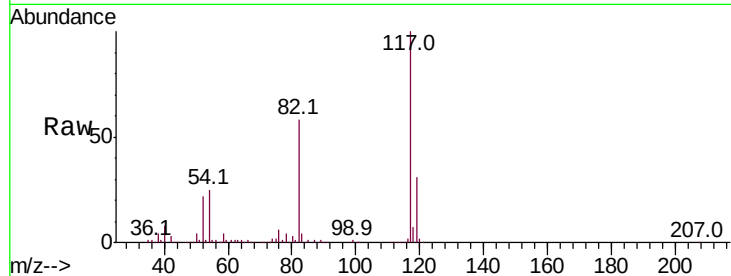




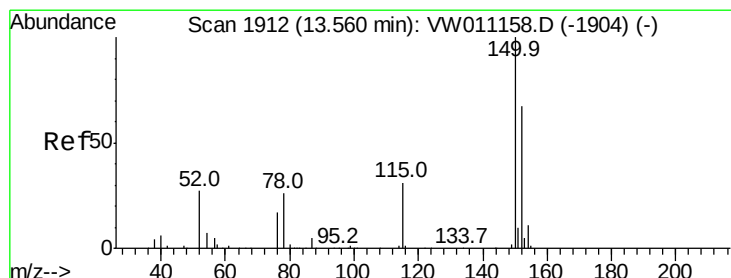
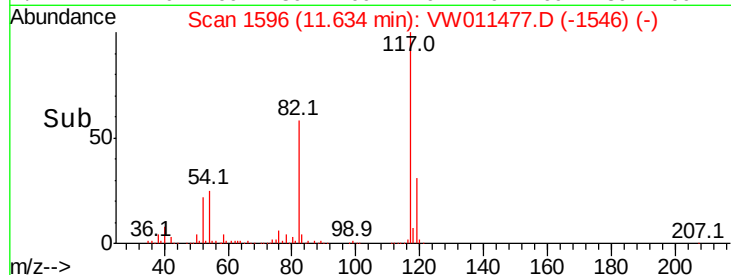
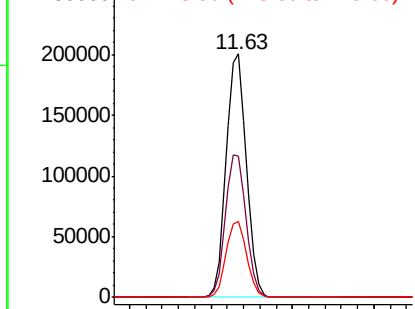
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW011477.D
Acq: 24 Jul 2019 16:13

Instrument :
MSVOA_W
ClientSampled :
SP-1

Tot Ion:117 Resp: 341292
Ion Ratio Lower Upper
117 100
82 58.2 48.9 73.3
119 31.3 25.0 37.6

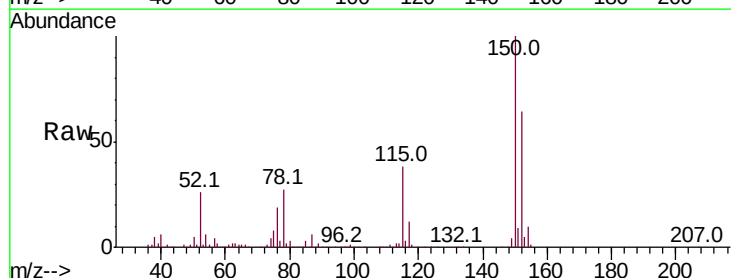


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW011477.D
Acq: 24 Jul 2019 16:13

Tgt Ion:152 Resp: 121473
Ion Ratio Lower Upper
152 100
115 60.2 30.1 90.3
150 158.7 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

