

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072419\
 Data File : VW011459.D
 Acq On : 24 Jul 2019 03:57
 Operator : SY/VA
 Sample : K3934-06
 Misc : 5.04G/5ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-3S-2

Quant Time: Jul 24 07:53:12 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	266285	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	438312	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	366353	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	152684	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	164635	49.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.40%	
35) Dibromofluoromethane	7.88	113	130316	49.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.76%	
50) Toluene-d8	10.32	98	535969	50.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.50%	
62) 4-Bromofluorobenzene	12.62	95	176565	45.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.24%	

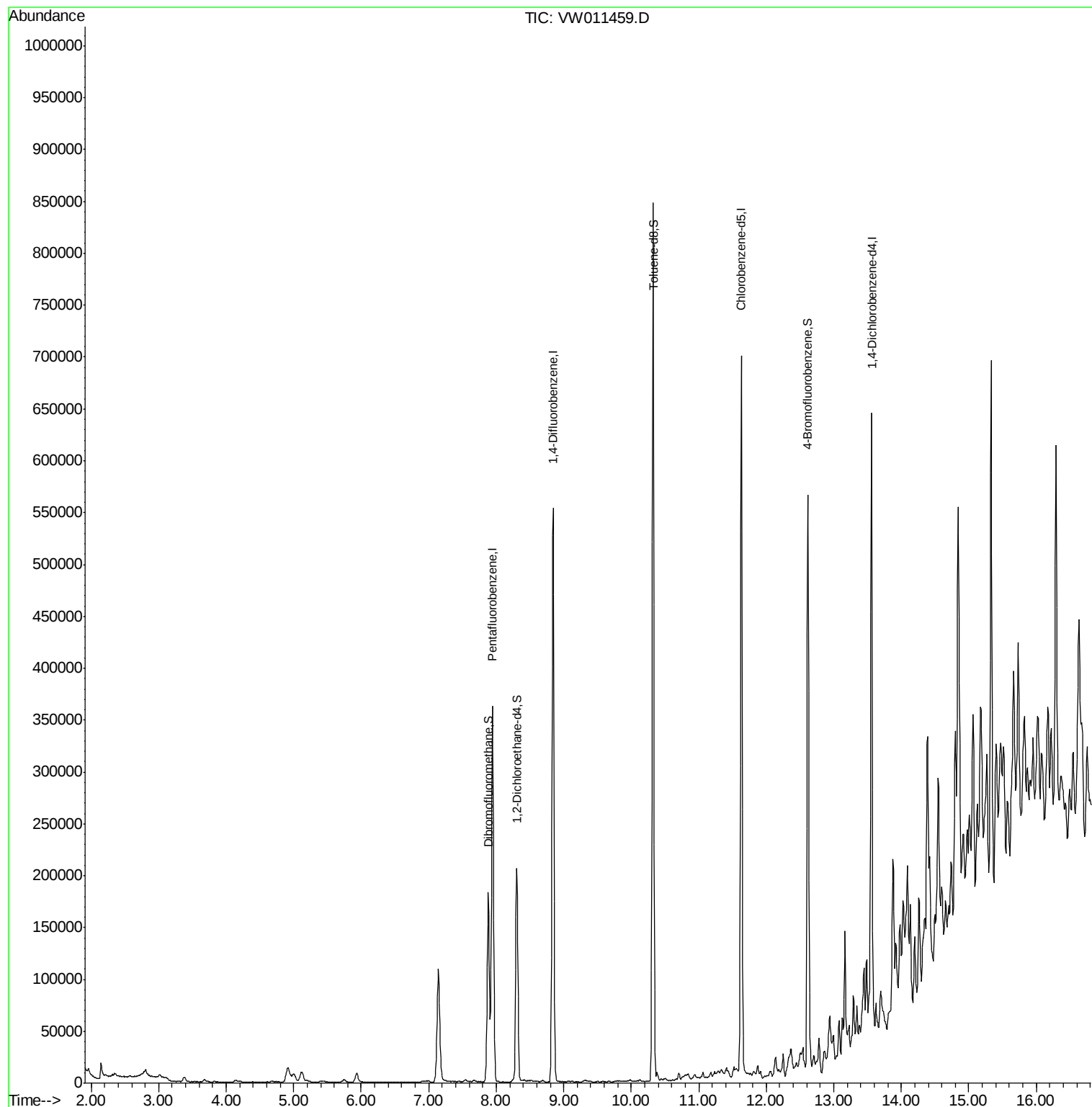
Target Compounds	Qvalue
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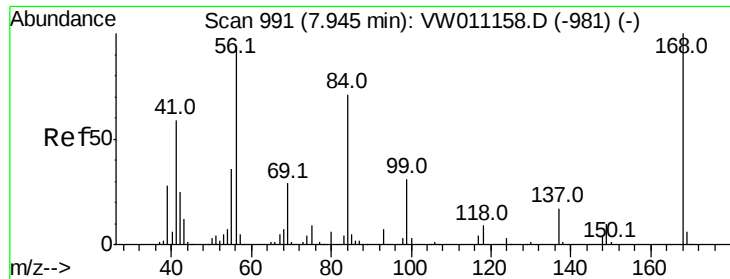
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW011459.D

Acq: 24 Jul 2019 03:57

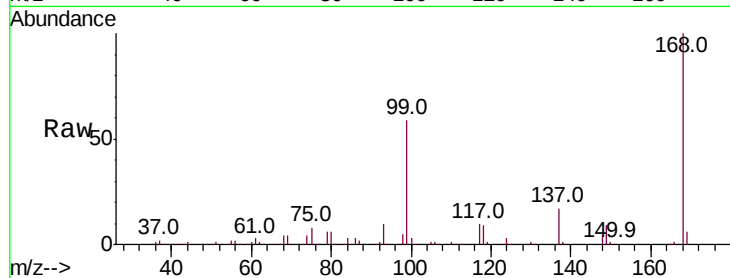
Instrument :
MSVOA_W
ClientSampled :
TP-3S-2

Tot Ion:168 Resp: 266285

Ion Ratio Lower Upper

168 100

99 59.2 50.1 75.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

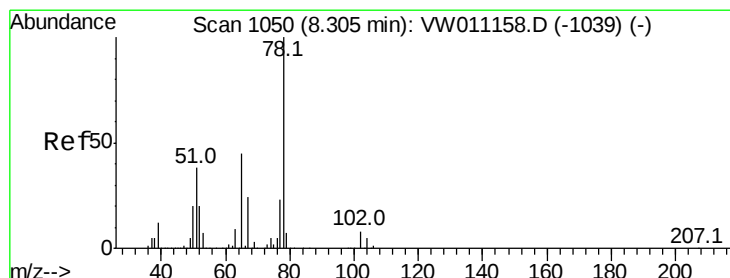
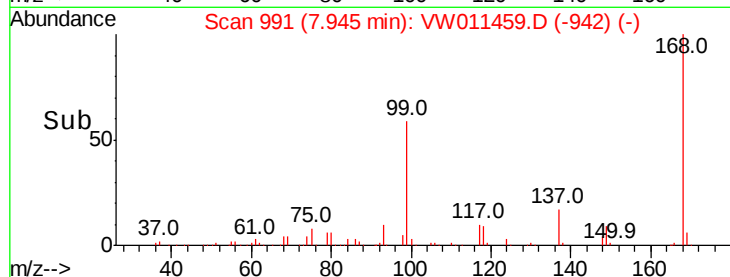
7.95

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 49.204 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW011459.D

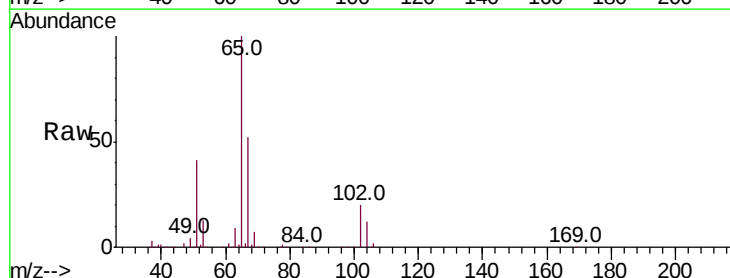
Acq: 24 Jul 2019 03:57

Tgt Ion: 65 Resp: 164635

Ion Ratio Lower Upper

65 100

67 52.1 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

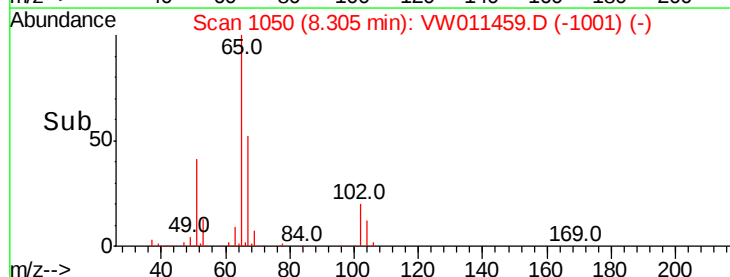
60000

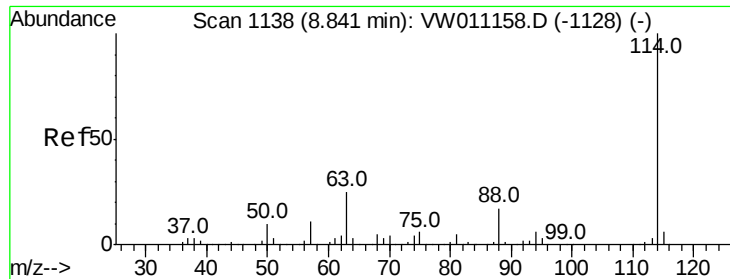
40000

20000

0

Time--> 8.20 8.30 8.40 8.50





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW011459.D

Acq: 24 Jul 2019 03:57

Instrument :

MSVOA_W

ClientSampleId :

TP-3S-2

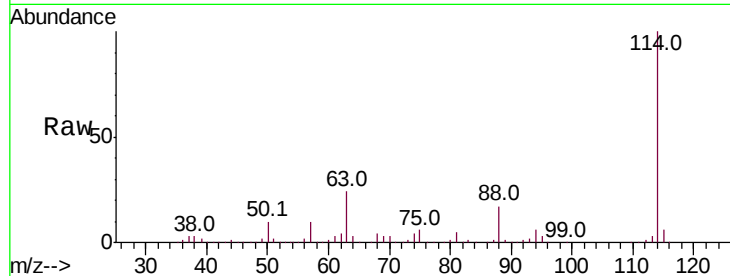
Tot Ion:114 Resp: 438312

Ion Ratio Lower Upper

114 100

63 23.6 0.0 50.8

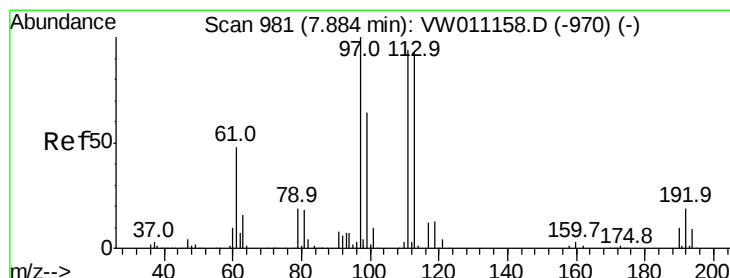
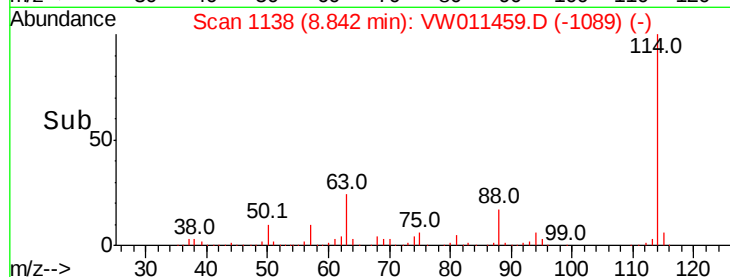
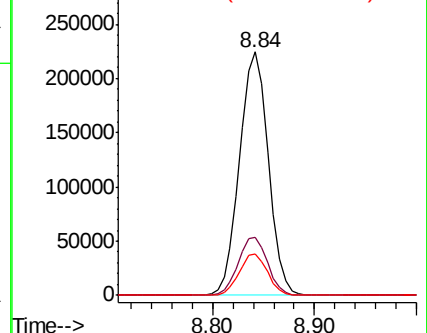
88 17.1 0.0 34.2



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: 49.881 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW011459.D

Acq: 24 Jul 2019 03:57

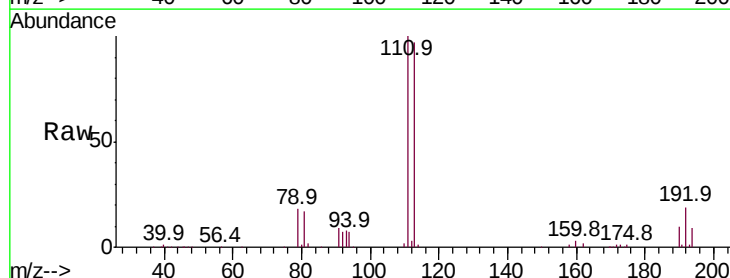
Tgt Ion:113 Resp: 130316

Ion Ratio Lower Upper

113 100

111 103.8 82.4 123.6

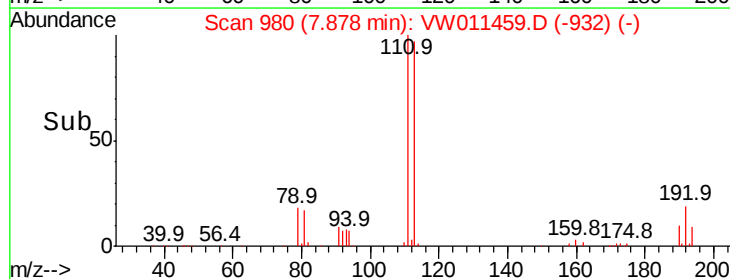
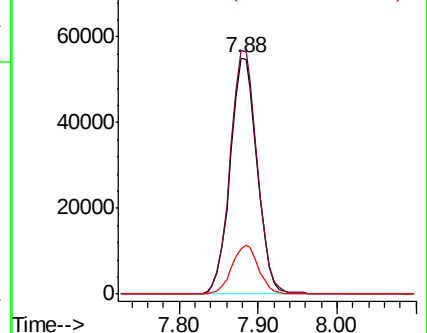
192 20.6 15.8 23.8

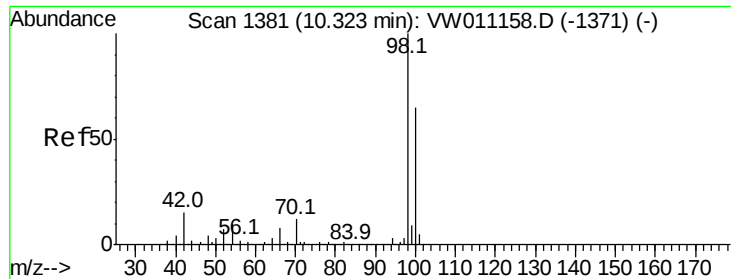


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

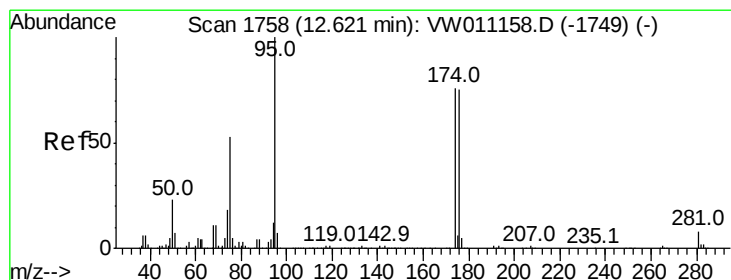
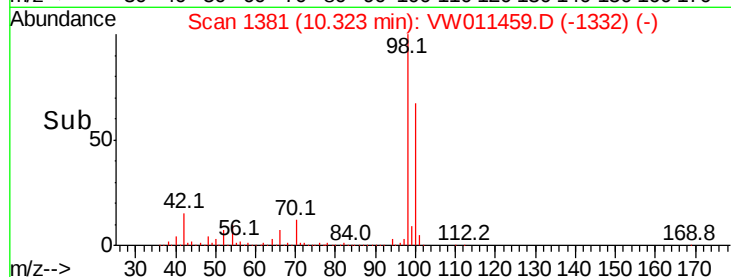
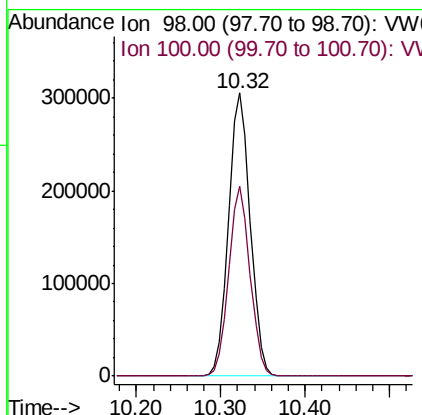
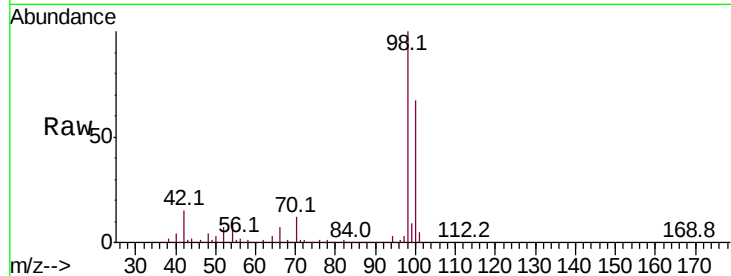




#50
Toluene-d8
Concen: 50.753 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW011459.D
Acq: 24 Jul 2019 03:57

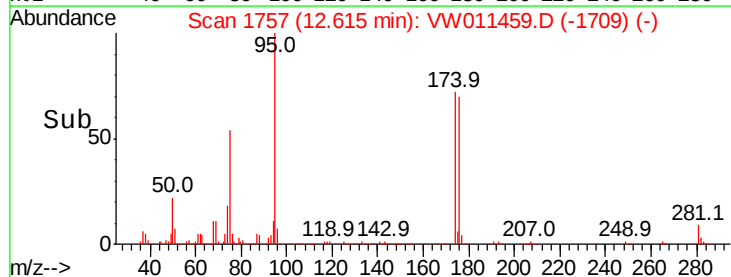
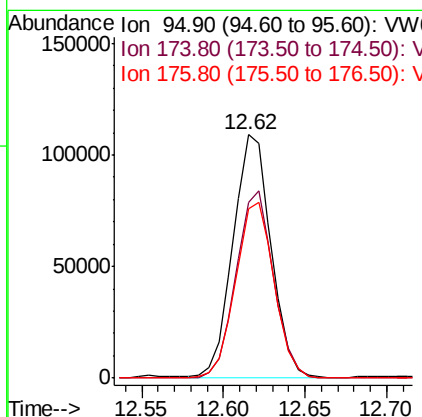
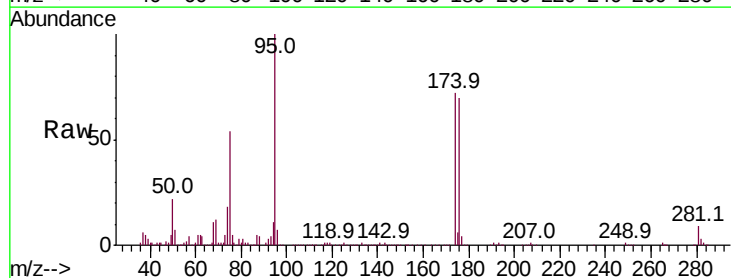
Instrument :
MSVOA_W
ClientSampleId :
TP-3S-2

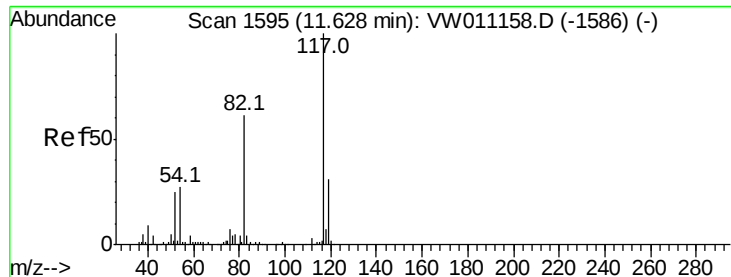
Tot Ion: 98 Resp: 535969
Ion Ratio Lower Upper
98 100
100 65.9 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 45.616 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.01 min
Lab File: VW011459.D
Acq: 24 Jul 2019 03:57

Tgt Ion: 95 Resp: 176565
Ion Ratio Lower Upper
95 100
174 76.2 0.0 147.6
176 73.2 0.0 144.6

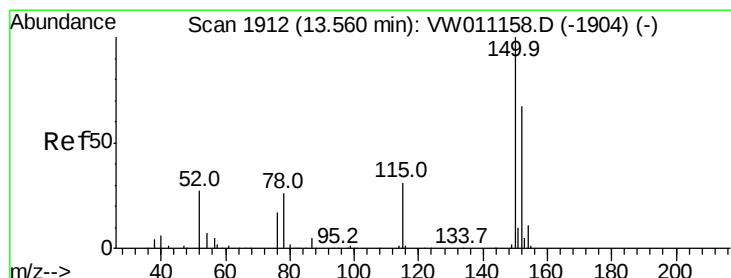
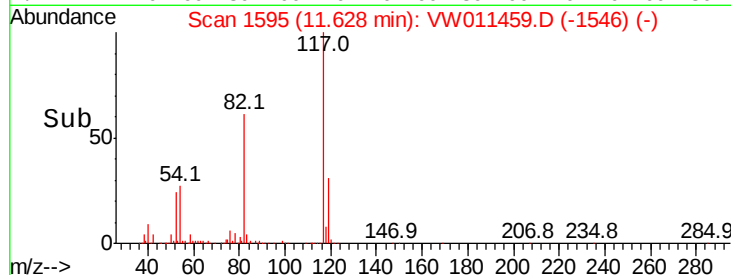
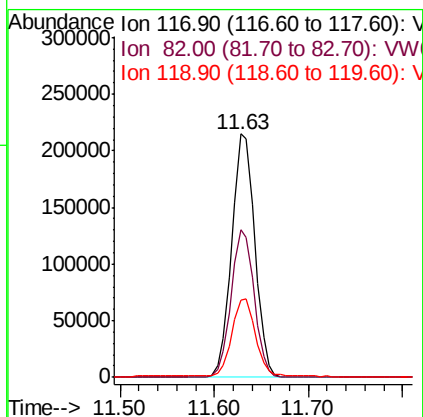
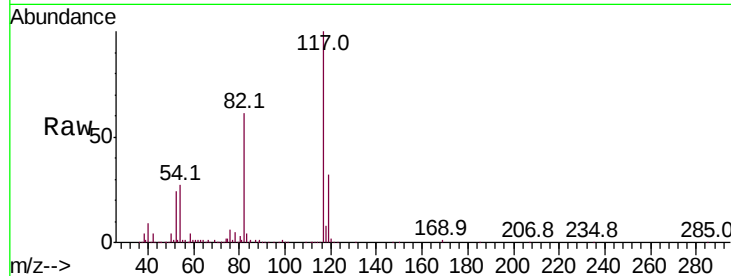




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW011459.D
Acq: 24 Jul 2019 03:57

Instrument :
MSVOA_W
ClientSampleId :
TP-3S-2

Tot Ion:117 Resp: 366353
Ion Ratio Lower Upper
117 100
82 60.8 48.9 73.3
119 31.5 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: VW011459.D
Acq: 24 Jul 2019 03:57

Tgt Ion:152 Resp: 152684
Ion Ratio Lower Upper
152 100
115 59.5 30.1 90.3
150 157.6 0.0 346.0

