

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072519\
 Data File : VW011473.D
 Acq On : 24 Jul 2019 14:27
 Operator : SY/VA
 Sample : K3880-03
 Misc : 10.79G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-5B-G-3-071719

Quant Time: Jul 25 04:48:04 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	229549	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	394200	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	304479	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	118217	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	185398	64.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	128.56%	
35) Dibromofluoromethane	7.88	113	151088	64.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	128.60%	
50) Toluene-d8	10.32	98	453343	47.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.46%	
62) 4-Bromofluorobenzene	12.62	95	173078	49.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.44%	

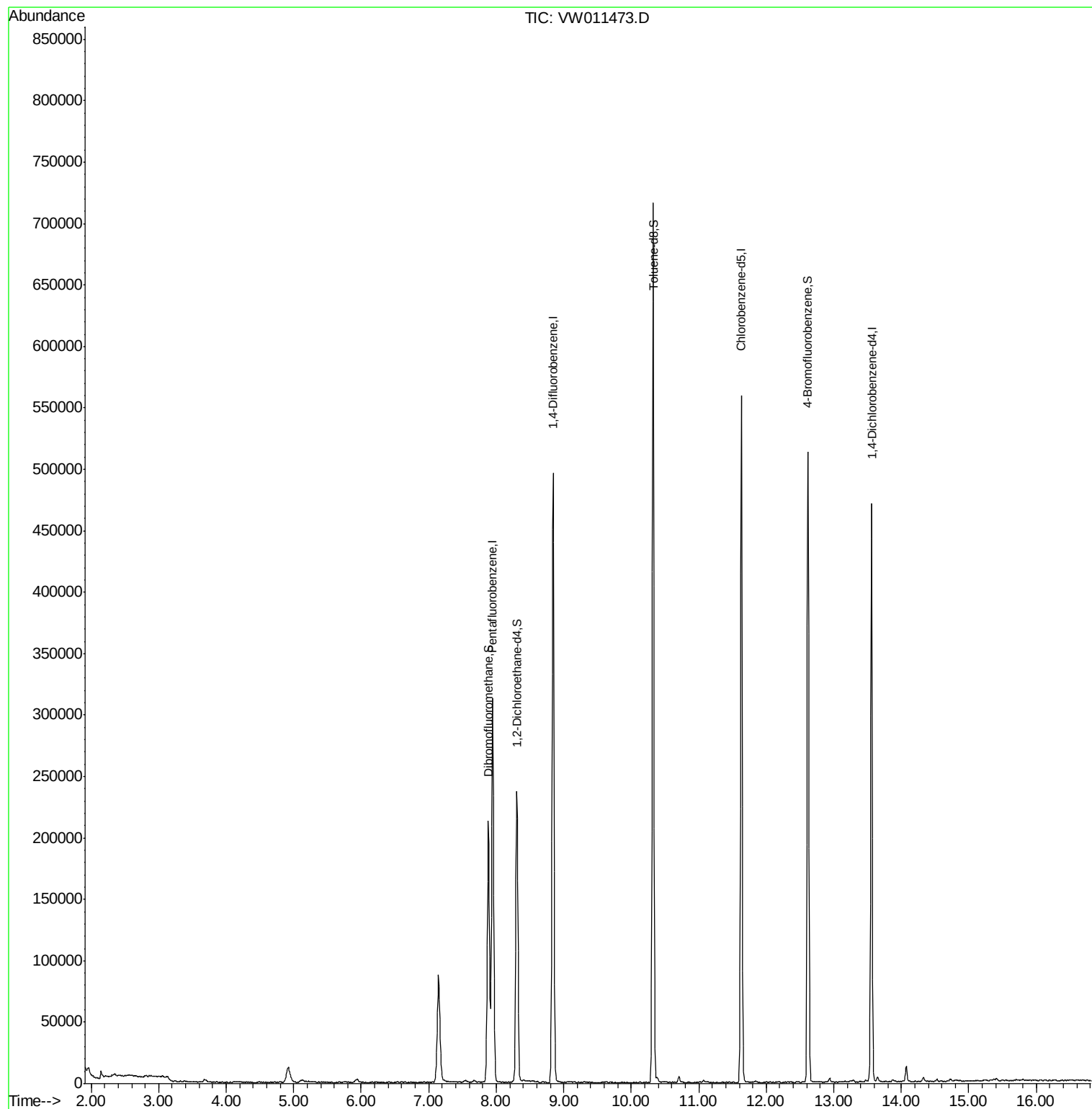
Target Compounds	Qvalue

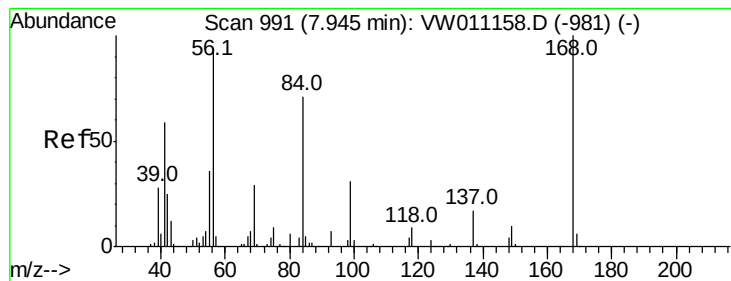
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW011473.D

Acq: 24 Jul 2019 14:27

Instrument :

MSVOA_W

ClientSampleId :

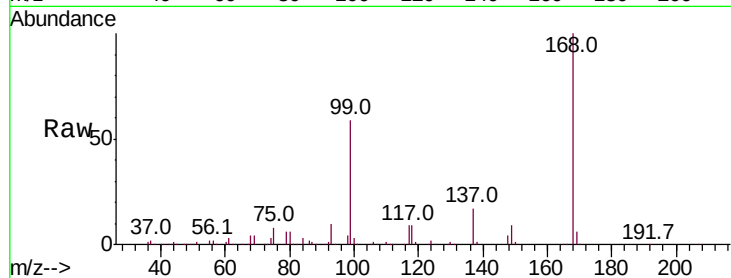
SUP-5B-G-3-071719

Tot Ion:168 Resp: 229549

Ion Ratio Lower Upper

168 100

99 59.1 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

120000

100000

80000

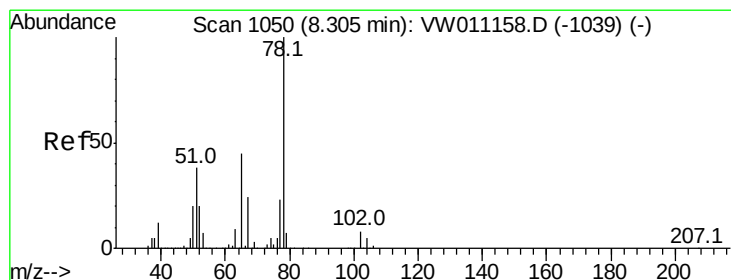
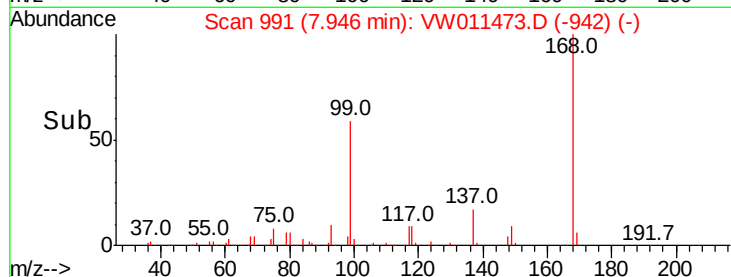
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 64.277 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW011473.D

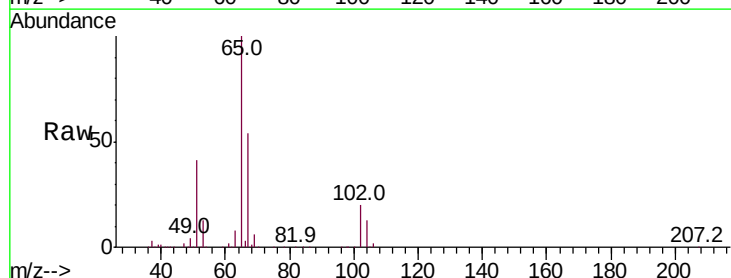
Acq: 24 Jul 2019 14:27

Tgt Ion: 65 Resp: 185398

Ion Ratio Lower Upper

65 100

67 53.1 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

100000

80000

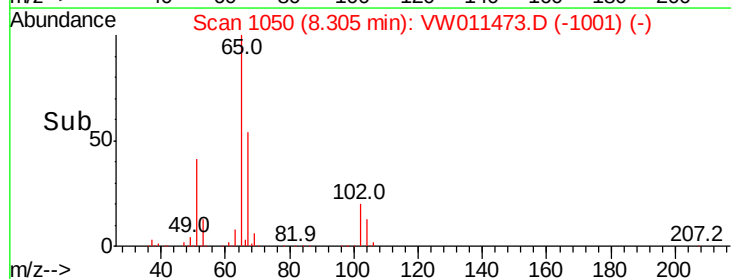
60000

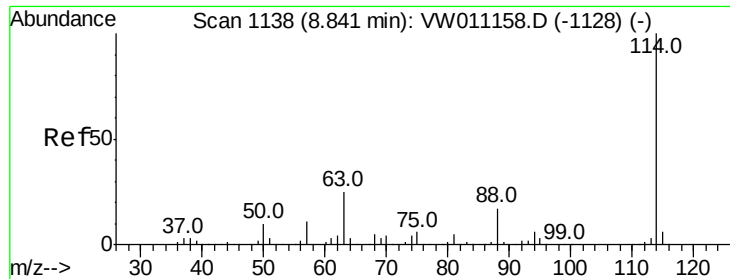
40000

20000

0

Time--> 8.20 8.30 8.40

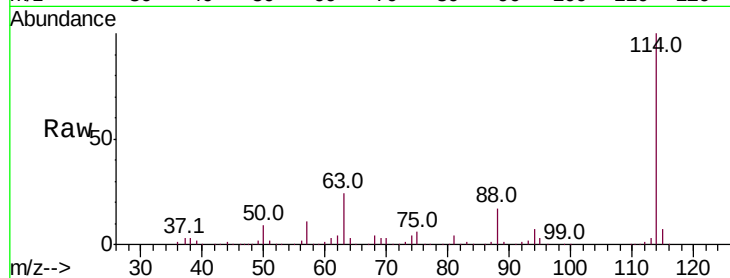




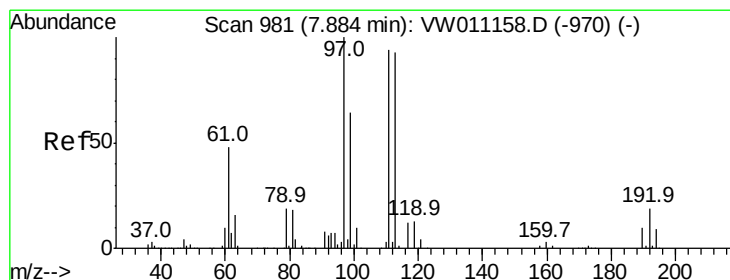
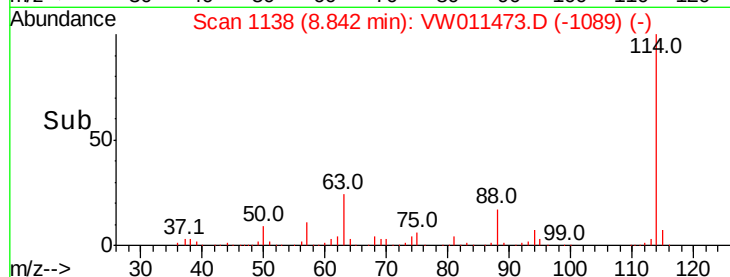
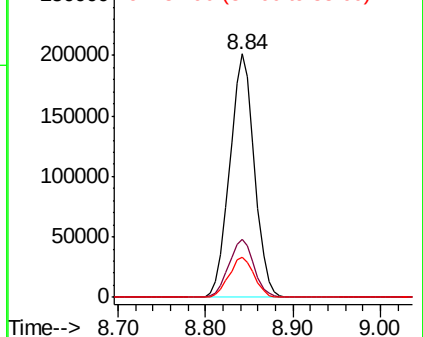
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW011473.D
Acq: 24 Jul 2019 14:27

Instrument :
MSVOA_W
ClientSampleId :
SUP-5B-G-3-071719

Tot Ion	Ratio	Lower	Upper
114	100		
63	23.9	0.0	50.8
88	16.6	0.0	34.2

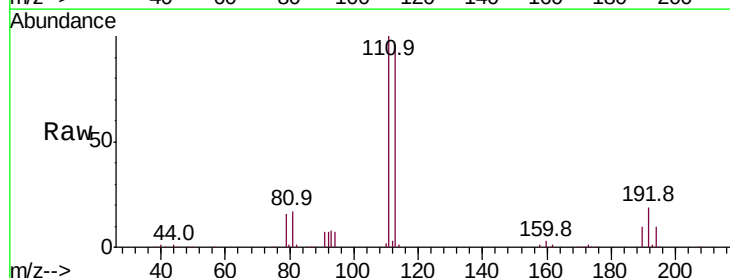


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

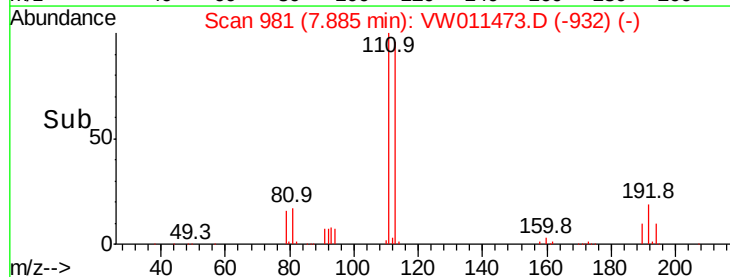
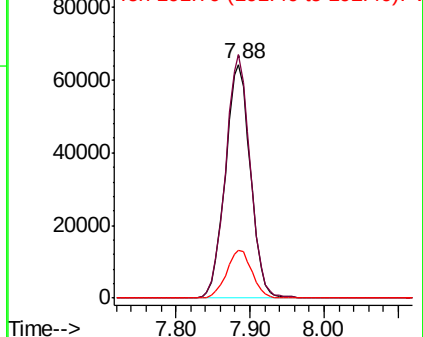


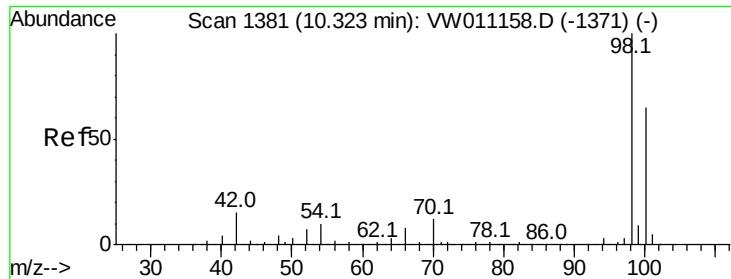
#35
Dibromofluoromethane
Concen: 64.303 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW011473.D
Acq: 24 Jul 2019 14:27

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	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: 47.733 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW011473.D

Acq: 24 Jul 2019 14:27

Instrument :

MSVOA_W

ClientSampleId :

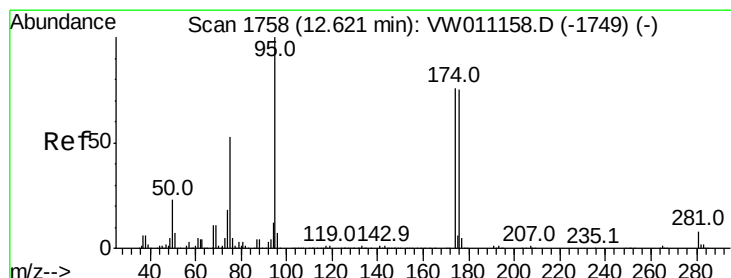
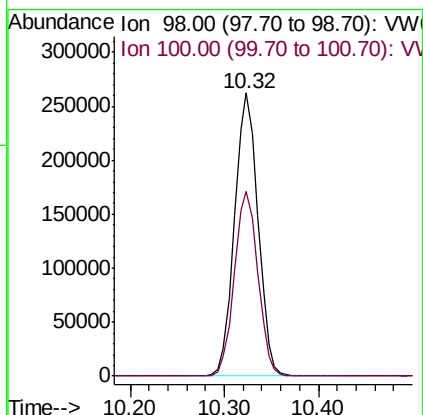
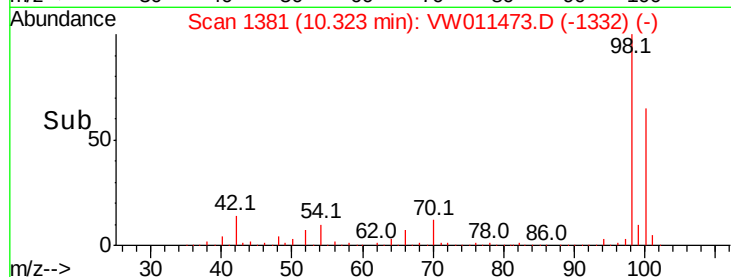
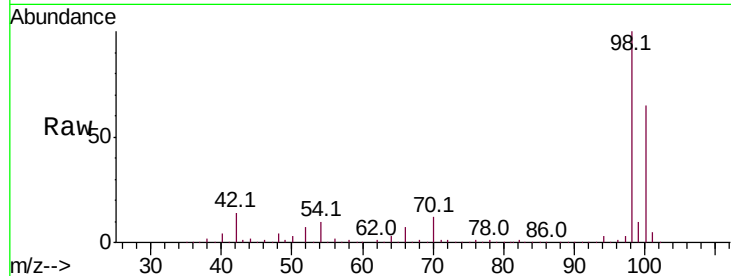
SUP-5B-G-3-071719

Tot Ion: 98 Resp: 453343

Ion Ratio Lower Upper

98 100

100 65.6 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 49.719 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW011473.D

Acq: 24 Jul 2019 14:27

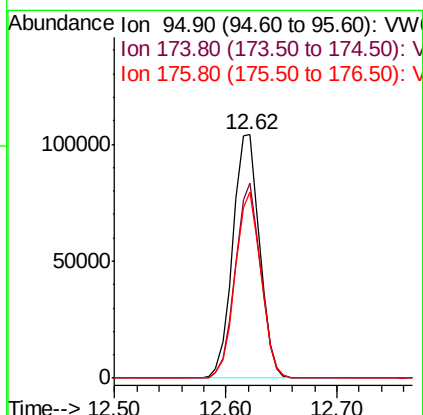
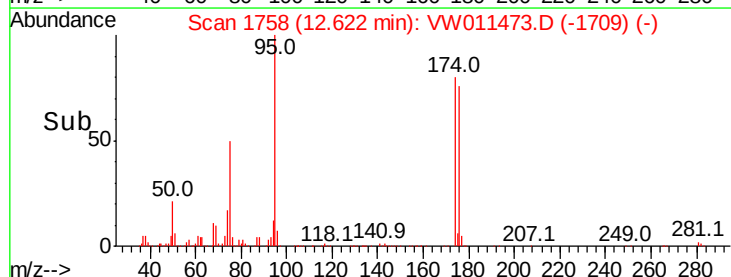
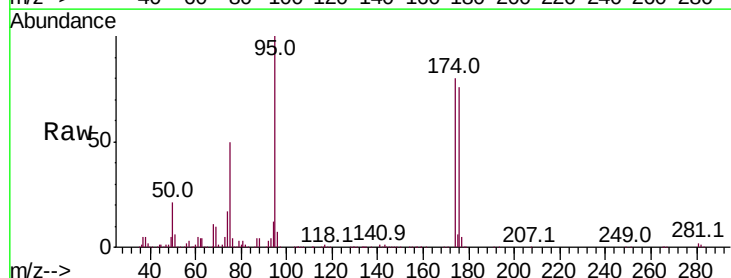
Tgt Ion: 95 Resp: 173078

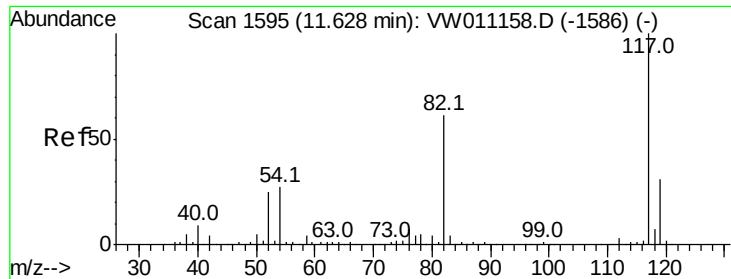
Ion Ratio Lower Upper

95 100

174 76.5 0.0 147.6

176 73.8 0.0 144.6

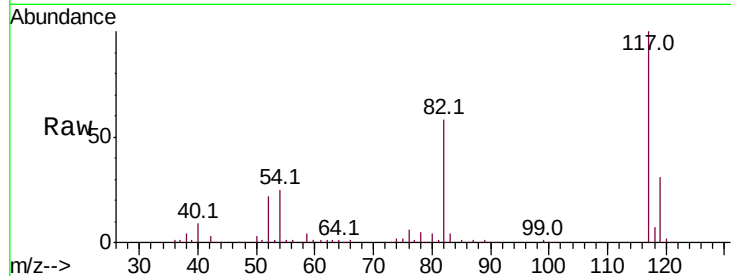




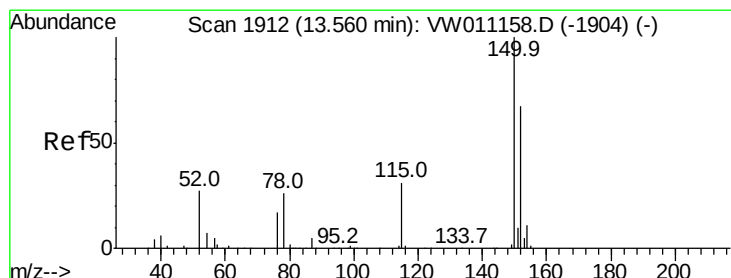
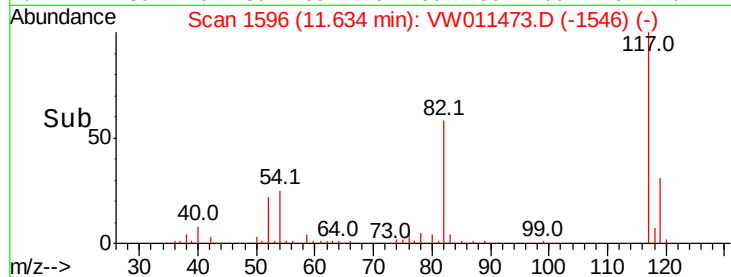
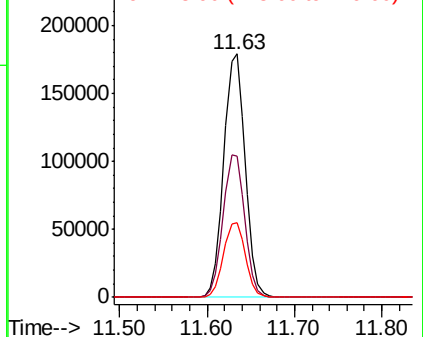
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW011473.D
Acq: 24 Jul 2019 14:27

Instrument :
MSVOA_W
ClientSampleId :
SUP-5B-G-3-071719

Tot Ion:117 Resp: 304479
Ion Ratio Lower Upper
117 100
82 58.1 48.9 73.3
119 30.8 25.0 37.6

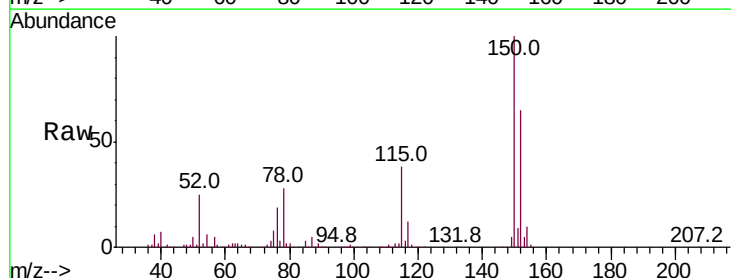


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW011473.D
Acq: 24 Jul 2019 14:27

Tgt Ion:152 Resp: 118217
Ion Ratio Lower Upper
152 100
115 59.4 30.1 90.3
150 157.6 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

