

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071819\
 Data File : VW011339.D
 Acq On : 18 Jul 2019 17:35
 Operator : SY/VA
 Sample : K3813-03
 Misc : 5.01G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 KY030LC058-SD-190712

Quant Time: Jul 19 07:30:25 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	181512	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	314852	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	269729	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	118815	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	130308	57.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.26%	
35) Dibromofluoromethane	7.88	113	98916	52.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.42%	
50) Toluene-d8	10.32	98	391713	51.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.28%	
62) 4-Bromofluorobenzene	12.62	95	130561	46.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.92%	

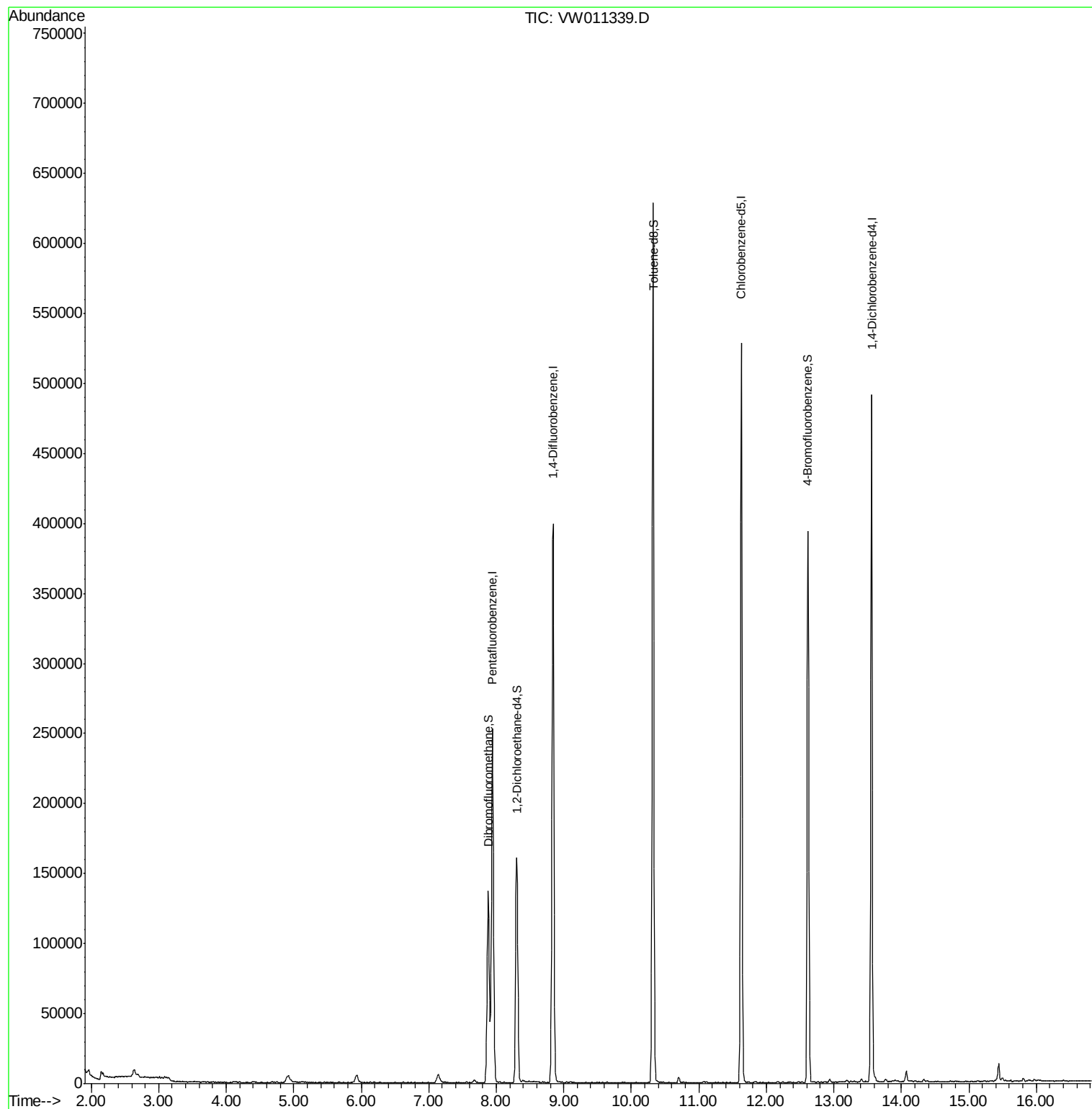
Target Compounds	Qvalue

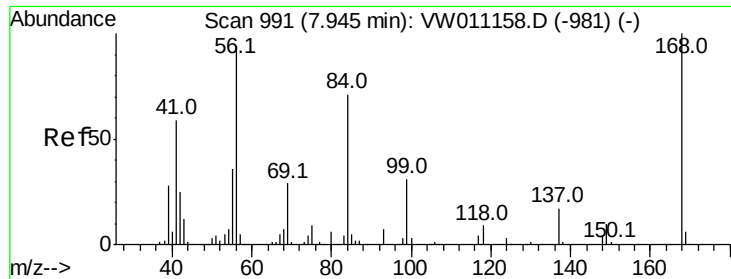
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW011339.D

Acq: 18 Jul 2019 17:35

Instrument :

MSVOA_W

ClientSampleId :

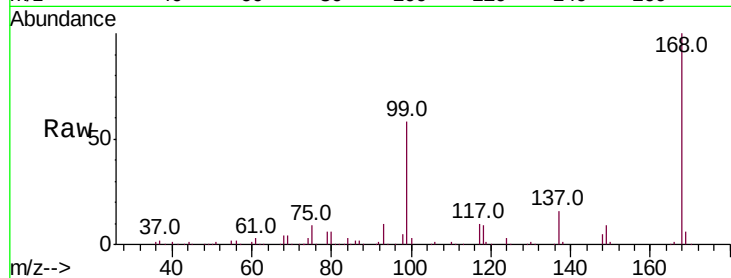
KY030LC058-SD-190712

Tot Ion:168 Resp: 181512

Ion Ratio Lower Upper

168 100

99 58.4 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

80000

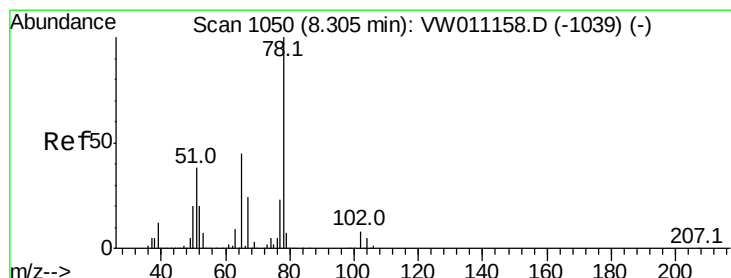
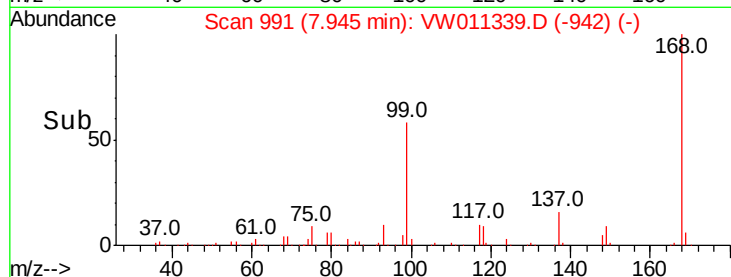
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 57.133 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW011339.D

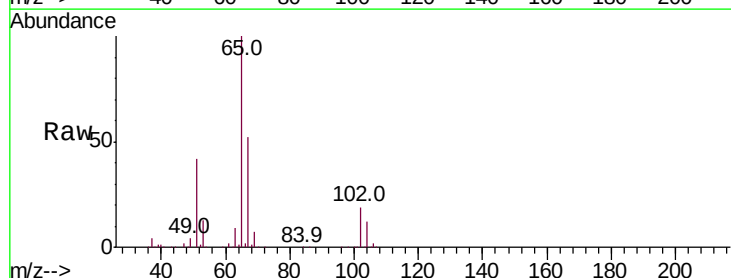
Acq: 18 Jul 2019 17:35

Tgt Ion: 65 Resp: 130308

Ion Ratio Lower Upper

65 100

67 51.7 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.30

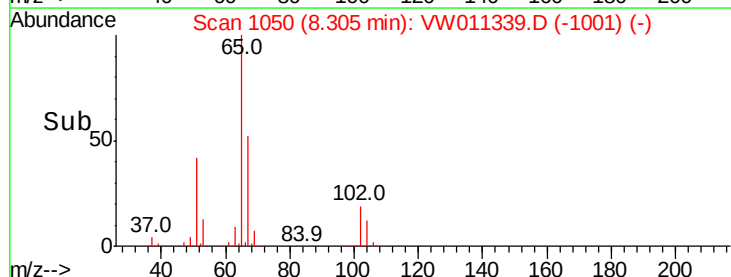
60000

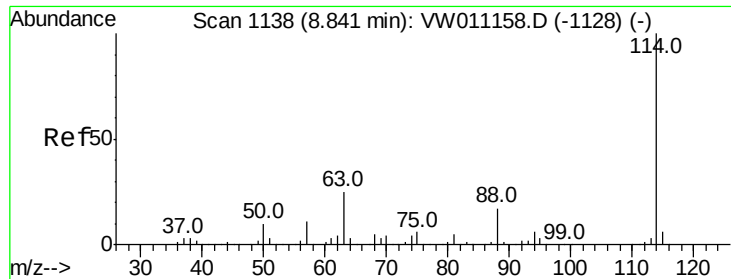
40000

20000

0

Time--> 8.20 8.25 8.30 8.35 8.40

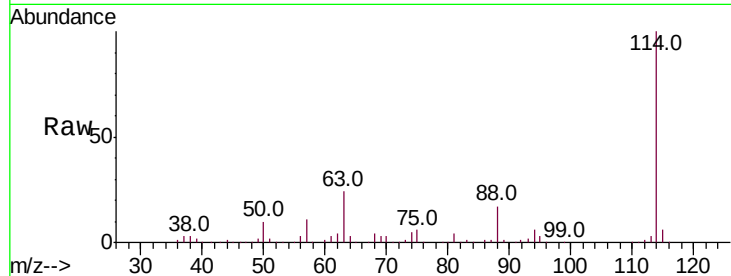




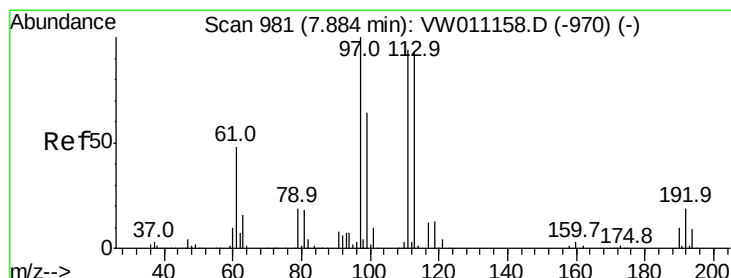
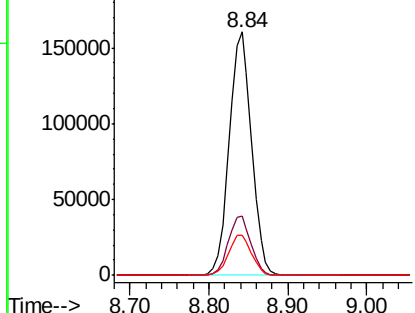
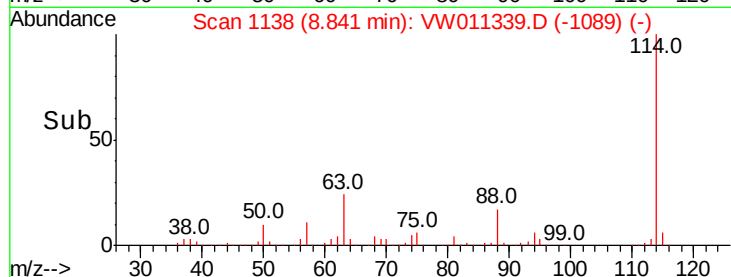
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011339.D
 Acq: 18 Jul 2019 17:35

Instrument :
 MSVOA_W
 ClientSampleId :
 KY030LC058-SD-190712

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.2	0.0	50.8
88	16.6	0.0	34.2

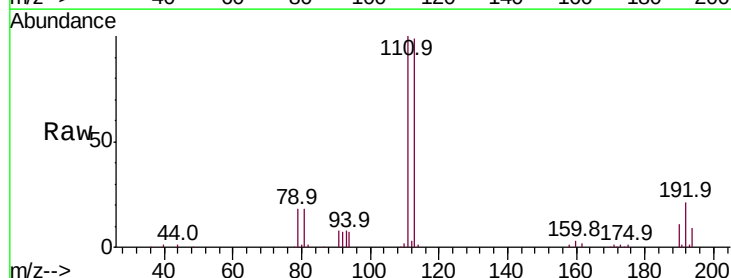


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

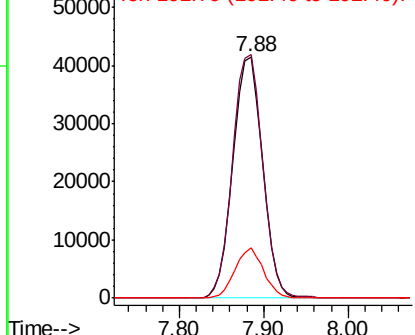
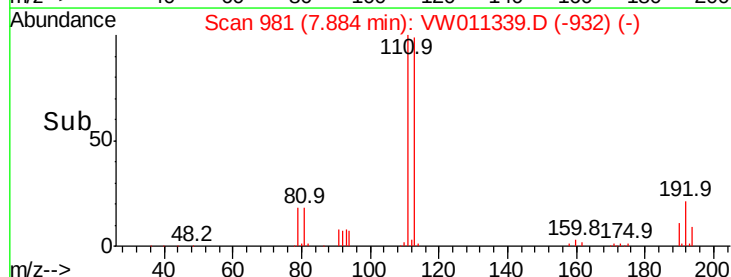


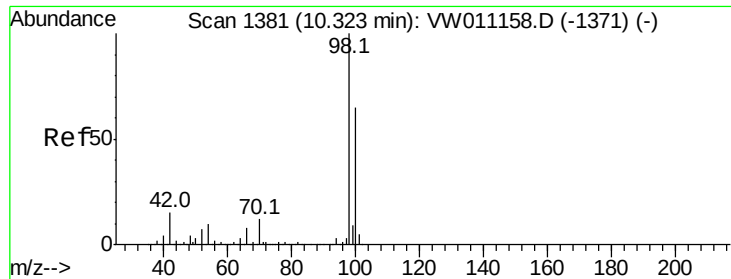
#35
 Dibromofluoromethane
 Concen: 52.709 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW011339.D
 Acq: 18 Jul 2019 17:35

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.4	123.6
192	19.7	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

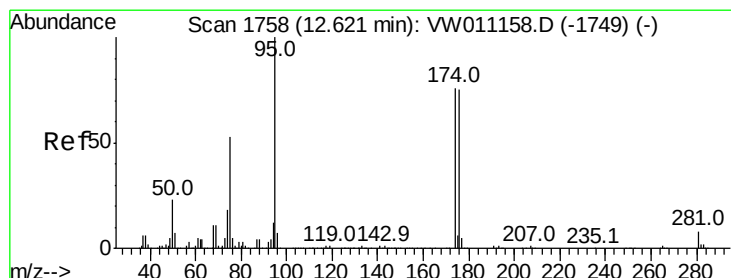
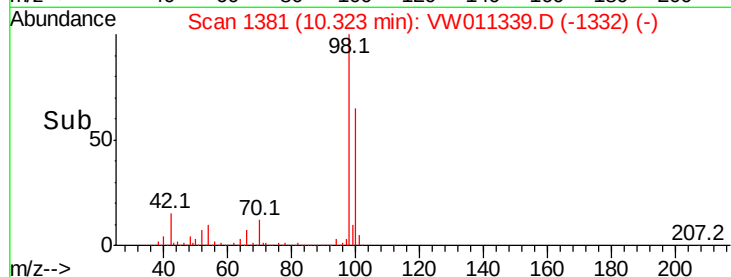
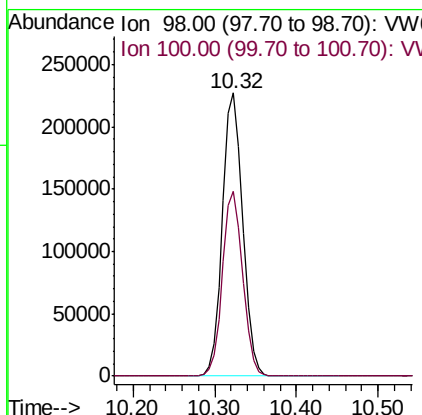
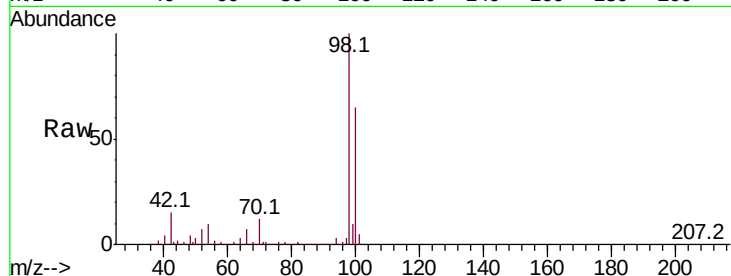




#50
Toluene-d8
Concen: 51.638 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW011339.D
Acq: 18 Jul 2019 17:35

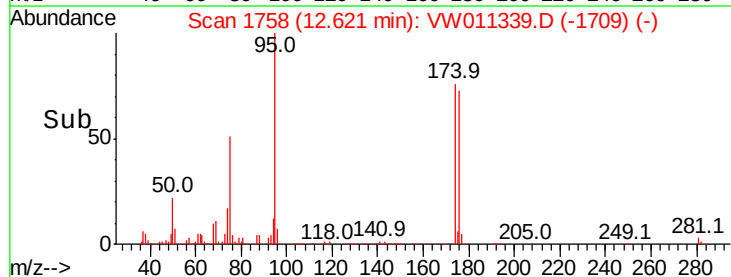
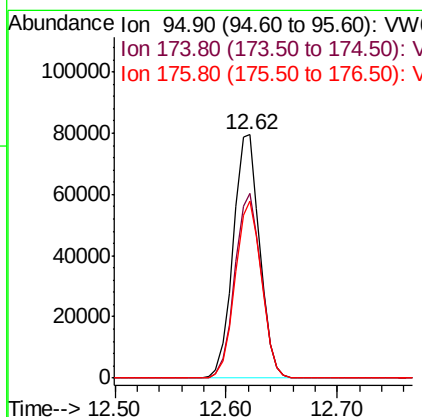
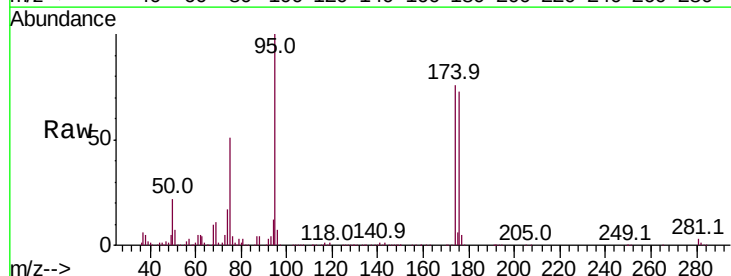
Instrument :
MSVOA_W
ClientSampleId :
KY030LC058-SD-190712

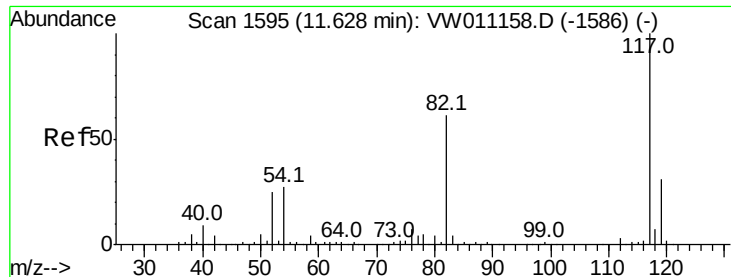
Tot Ion: 98 Resp: 391713
Ion Ratio Lower Upper
98 100
100 64.9 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 46.957 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW011339.D
Acq: 18 Jul 2019 17:35

Tgt Ion: 95 Resp: 130561
Ion Ratio Lower Upper
95 100
174 75.9 0.0 147.6
176 72.5 0.0 144.6

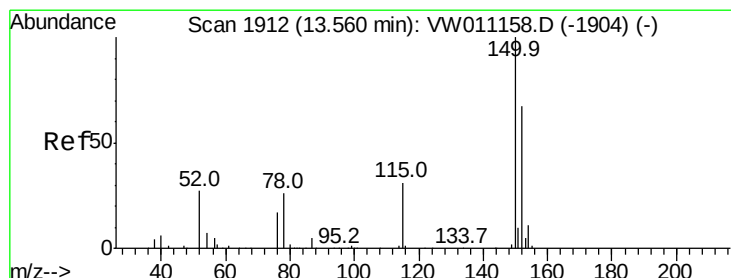
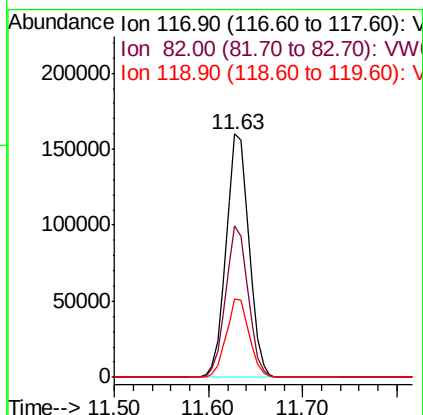
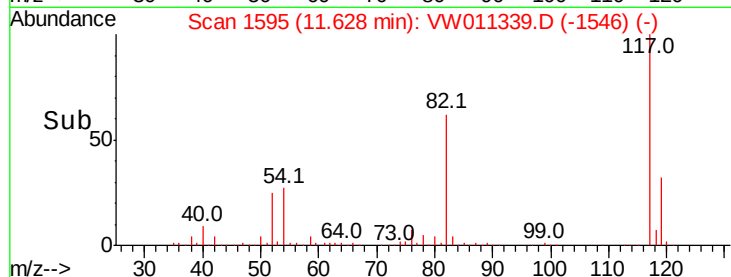
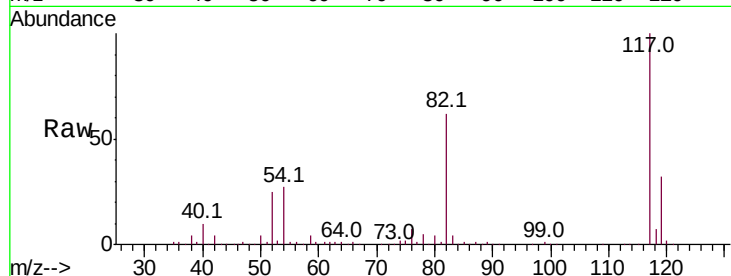




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW011339.D
Acq: 18 Jul 2019 17:35

Instrument :
MSVOA_W
ClientSampleId :
KY030LC058-SD-190712

Tot Ion:117 Resp: 269729
Ion Ratio Lower Upper
117 100
82 62.4 48.9 73.3
119 32.0 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: VW011339.D
Acq: 18 Jul 2019 17:35

Tgt Ion:152 Resp: 118815
Ion Ratio Lower Upper
152 100
115 60.2 30.1 90.3
150 155.5 0.0 346.0

