

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072519\
 Data File : VW011479.D
 Acq On : 24 Jul 2019 17:06
 Operator : SY/VA
 Sample : K3983-03
 Misc : 5.86G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SP-3

Quant Time: Jul 25 05:13:37 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	276909	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	460382	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	365047	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	129650	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	175210	50.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.72%	
35) Dibromofluoromethane	7.88	113	138945	50.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.26%	
50) Toluene-d8	10.32	98	556306	50.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.30%	
62) 4-Bromofluorobenzene	12.62	95	165207	40.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.28%	

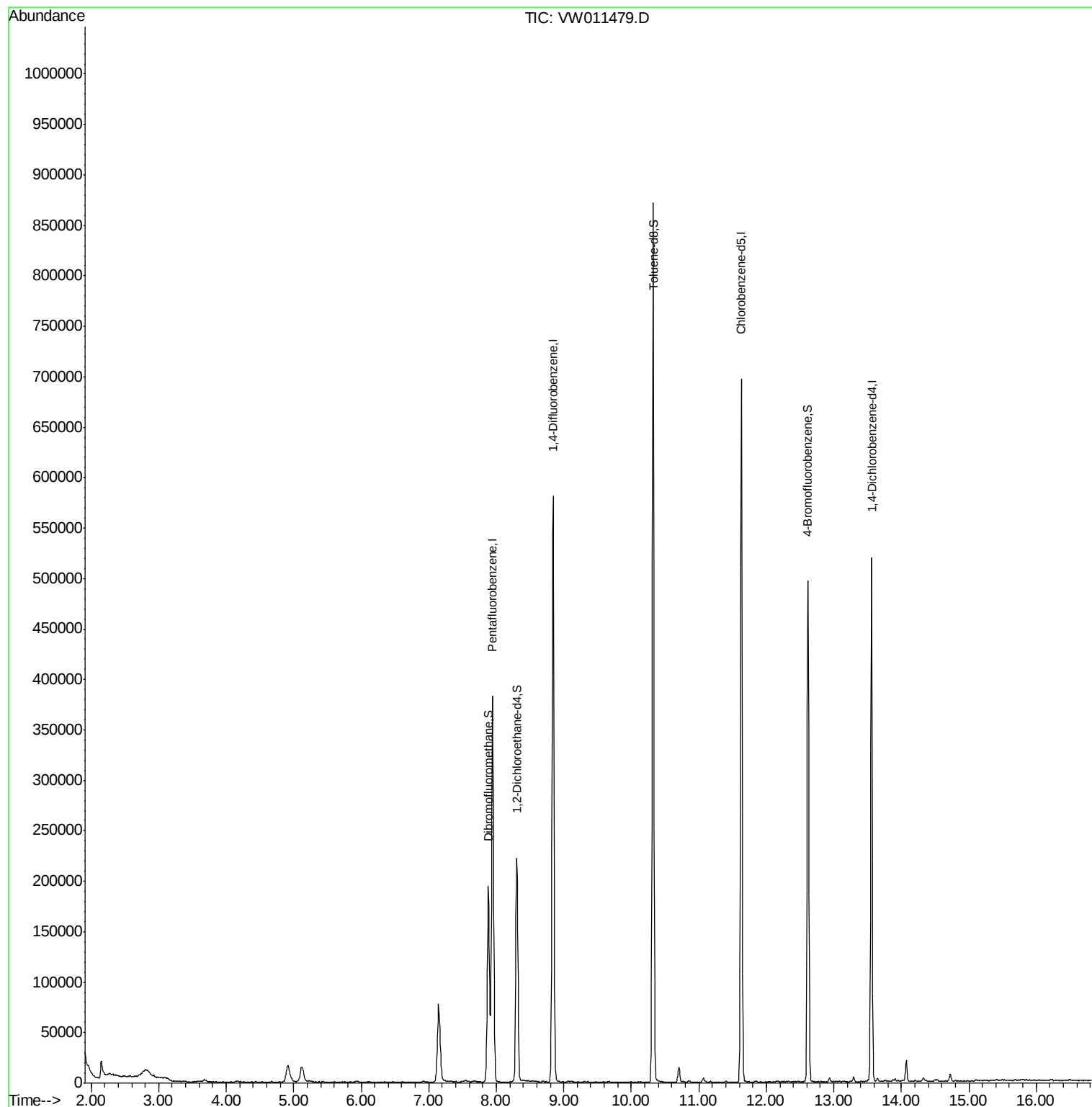
Target Compounds	Qvalue

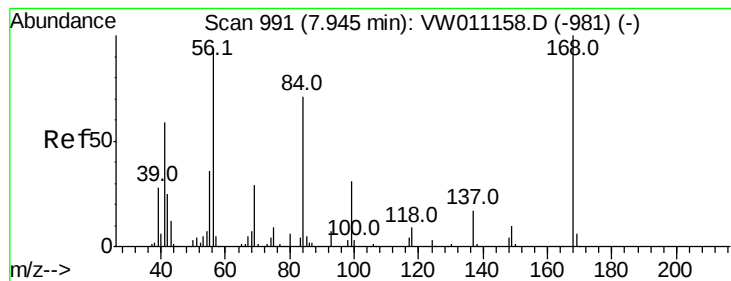
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW011479.D

Acq: 24 Jul 2019 17:06

Instrument :

MSVOA_W

ClientSampleId :

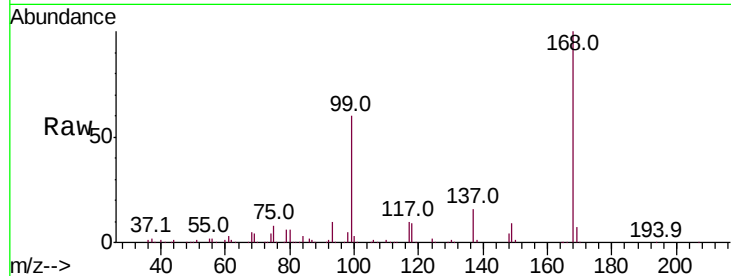
SP-3

Tot Ion:168 Resp: 276909

Ion Ratio Lower Upper

168 100

99 59.7 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

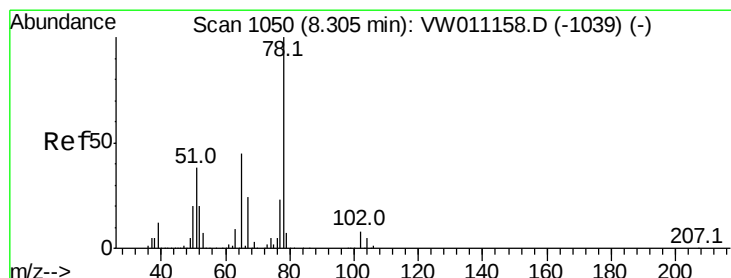
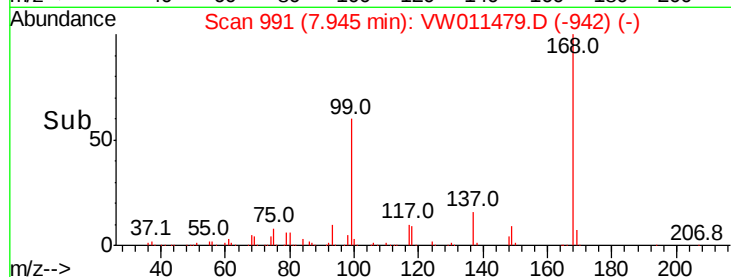
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#33

1,2-Dichloroethane-d4

Concen: 50.355 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW011479.D

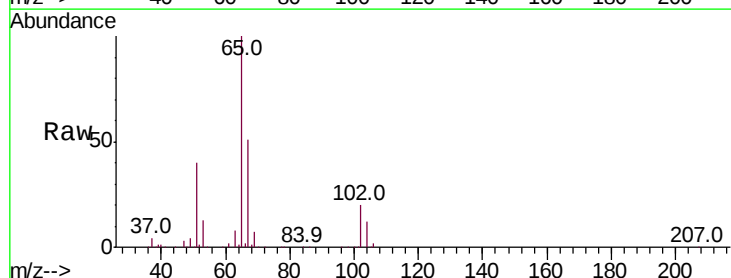
Acq: 24 Jul 2019 17:06

Tgt Ion: 65 Resp: 175210

Ion Ratio Lower Upper

65 100

67 52.3 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

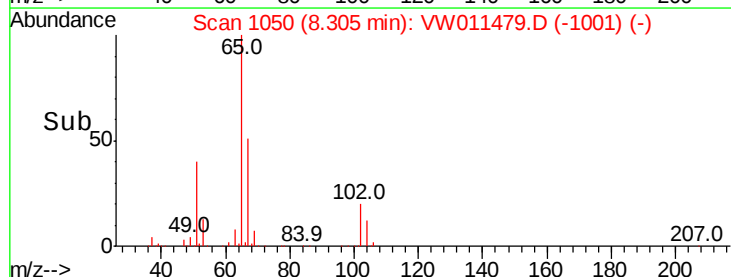
60000

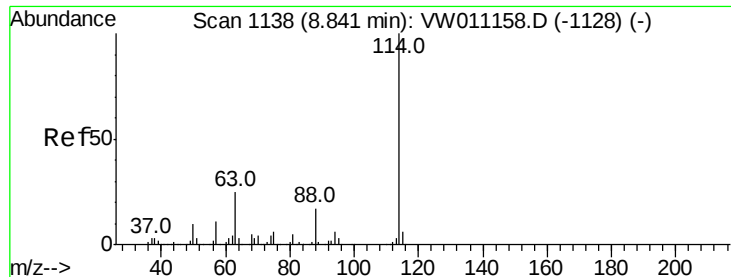
40000

20000

0

Time--> 8.20 8.30 8.40

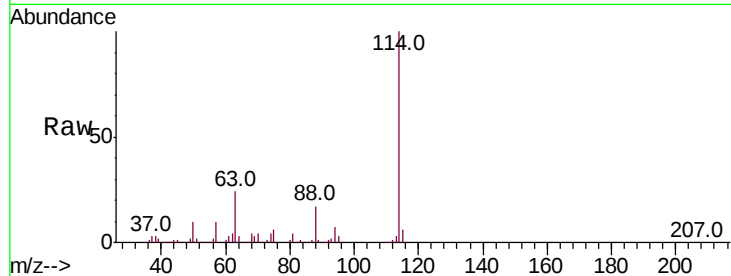




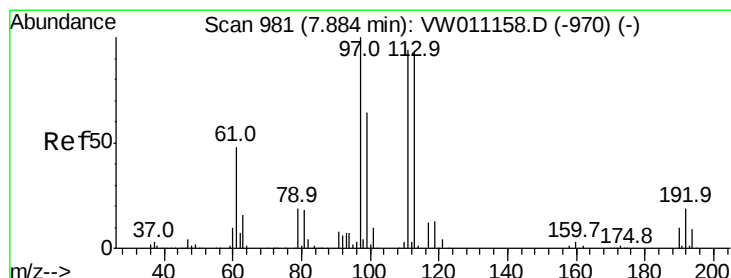
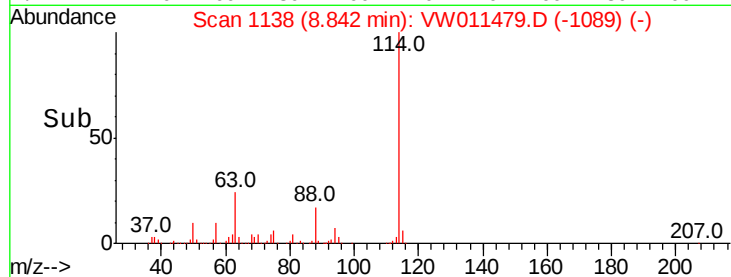
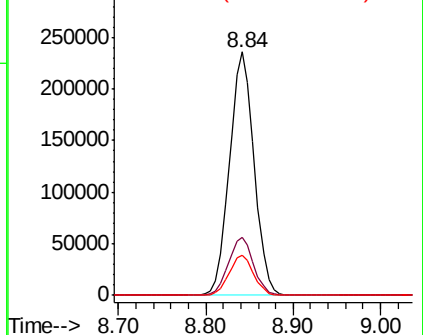
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011479.D
 Acq: 24 Jul 2019 17:06

Instrument :
 MSVOA_W
 ClientSampleId :
 SP-3

Tot Ion:114 Resp: 460382
 Ion Ratio Lower Upper
 114 100
 63 23.7 0.0 50.8
 88 16.5 0.0 34.2

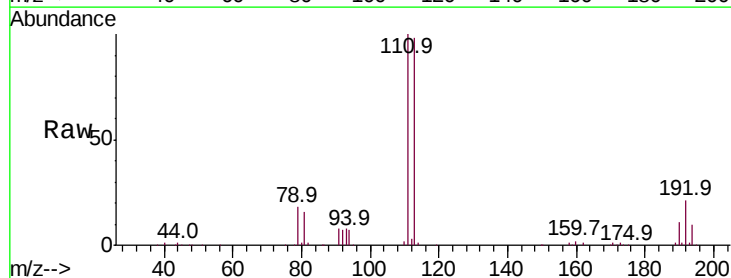


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

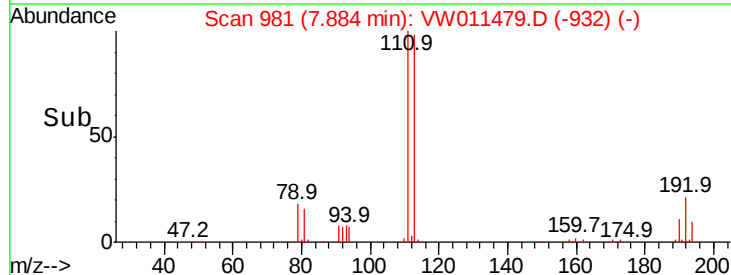
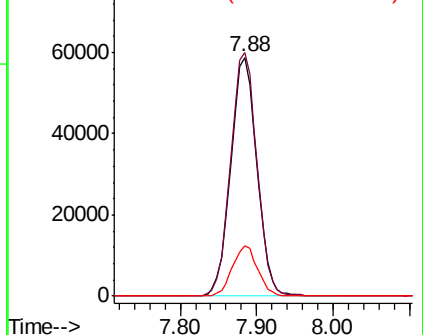


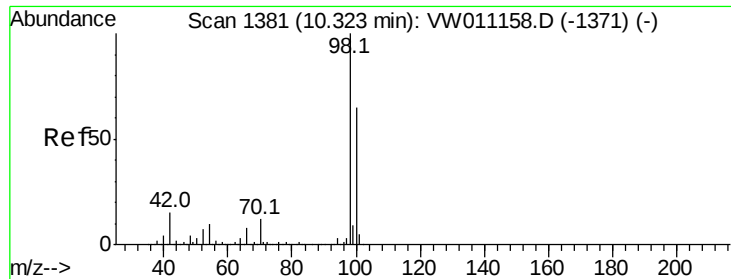
#35
 Dibromofluoromethane
 Concen: 50.634 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW011479.D
 Acq: 24 Jul 2019 17:06

Tgt Ion:113 Resp: 138945
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.4 123.6
 192 20.4 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

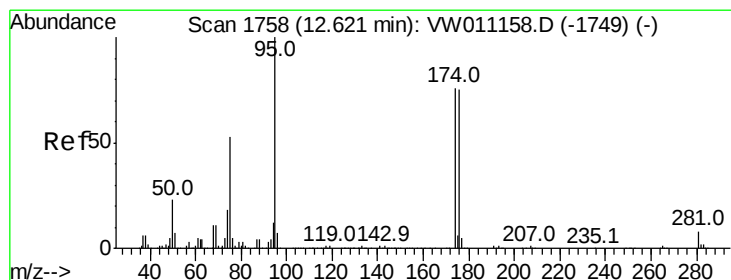
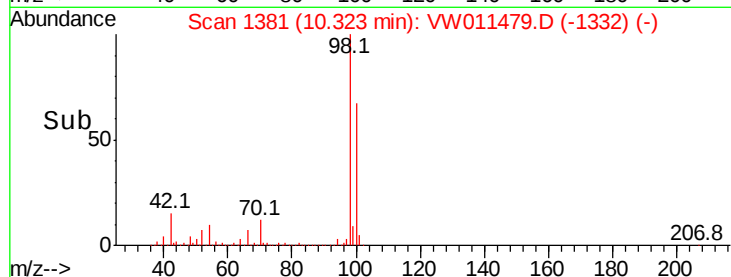
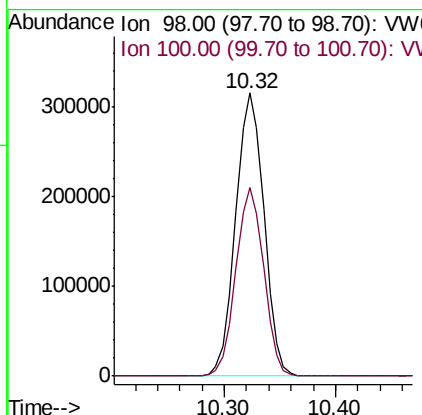
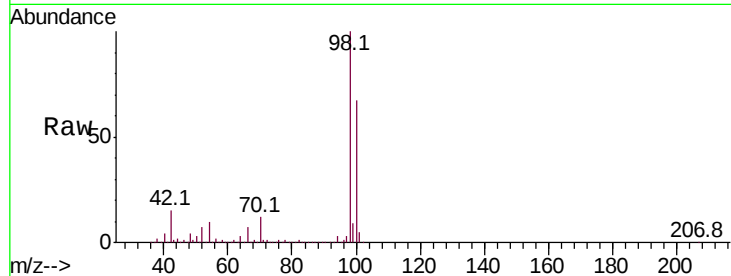




#50
Toluene-d8
Concen: 50.154 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW011479.D
Acq: 24 Jul 2019 17:06

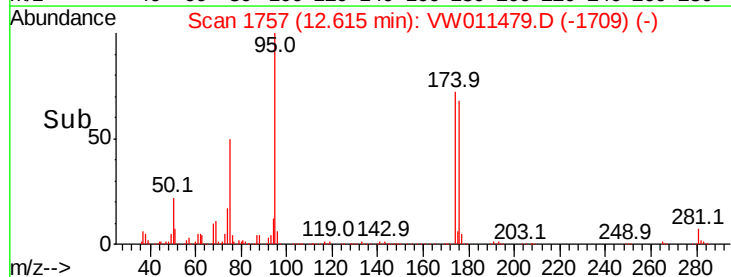
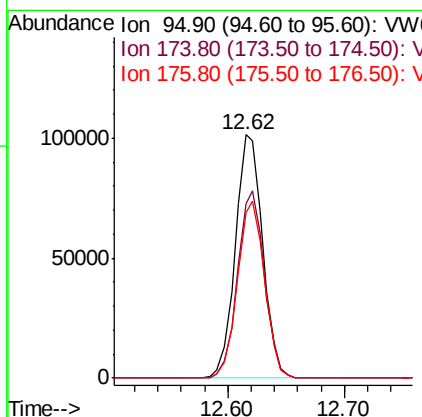
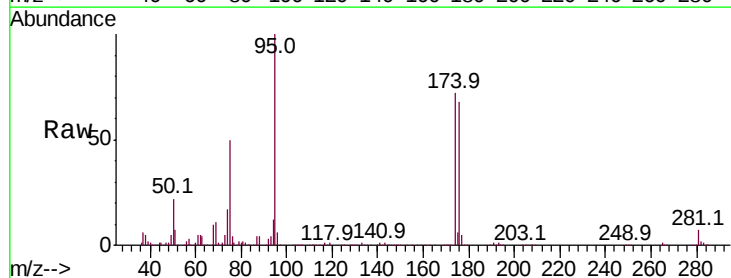
Instrument :
MSVOA_W
ClientSampleId :
SP-3

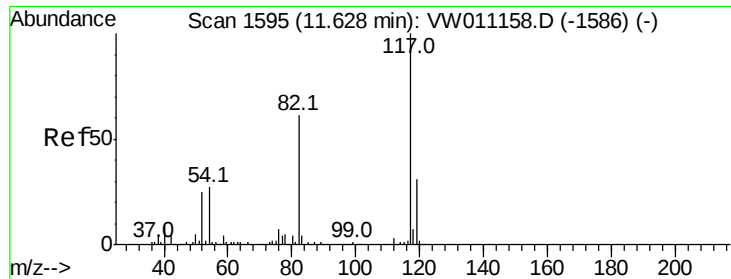
Tot Ion: 98 Resp: 556306
Ion Ratio Lower Upper
98 100
100 65.6 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 40.635 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.01 min
Lab File: VW011479.D
Acq: 24 Jul 2019 17:06

Tgt Ion: 95 Resp: 165207
Ion Ratio Lower Upper
95 100
174 76.1 0.0 147.6
176 72.2 0.0 144.6

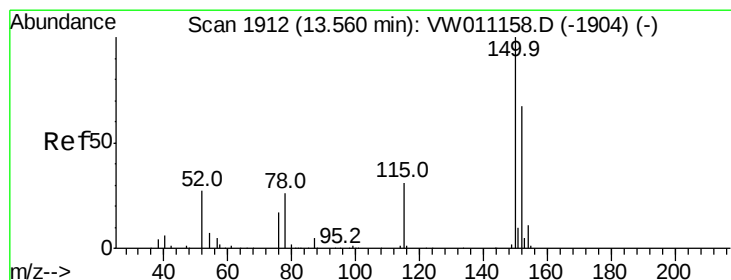
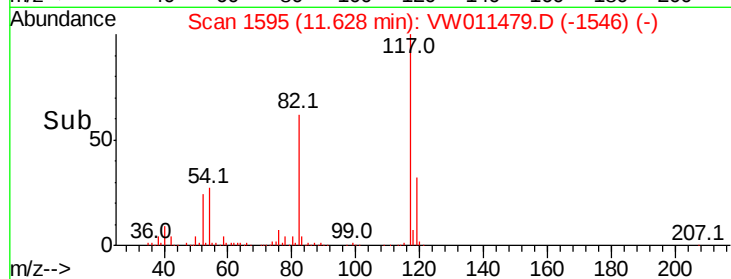
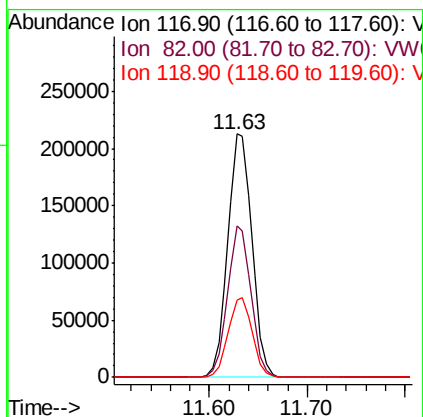
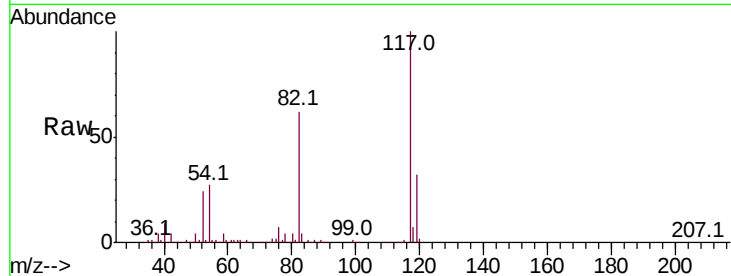




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW011479.D
Acq: 24 Jul 2019 17:06

Instrument :
MSVOA_W
ClientSampled :
SP-3

Tot Ion	Ratio	Lower	Upper
117	100		
82	62.4	48.9	73.3
119	31.7	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: VW011479.D
Acq: 24 Jul 2019 17:06

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.3	30.1	90.3
150	155.7	0.0	346.0

