

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080319\
 Data File : VW011642.D
 Acq On : 03 Aug 2019 02:08
 Operator : SY/VA
 Sample : K4131-07
 Misc : 5.46G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 1S-D1-(30)

Quant Time: Aug 04 00:50:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

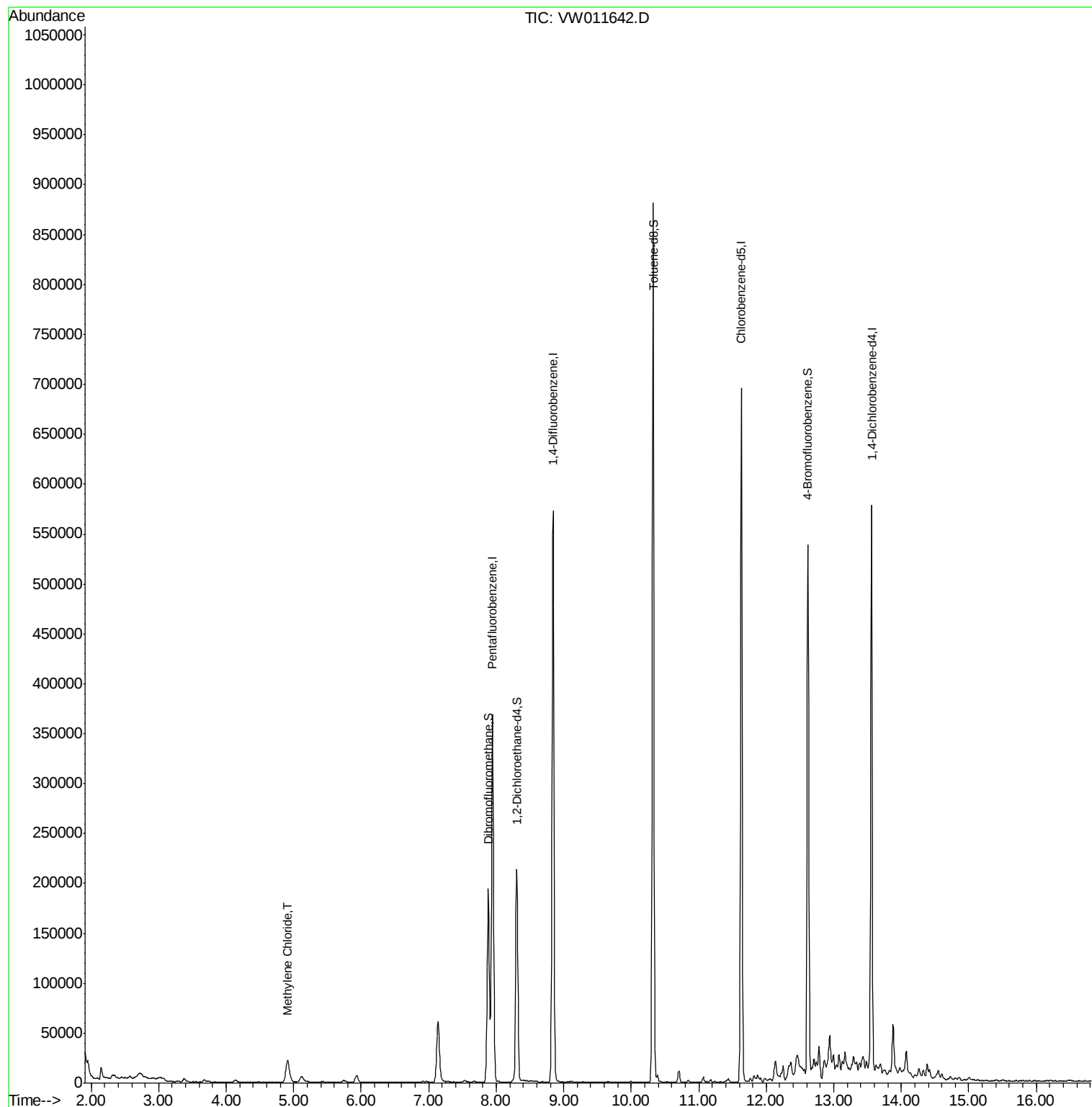
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	266120	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	448342	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	367686	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	140287	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	171581	56.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.30%	
35) Dibromofluoromethane	7.88	113	135117	53.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.44%	
50) Toluene-d8	10.32	98	549045	53.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.62%	
62) 4-Bromofluorobenzene	12.62	95	172241	46.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.82%	
Target Compounds						
20) Methylene Chloride	4.91	84	15809	4.716	ug/l	Qvalue 93

(#) = 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: VW011642.D

Acq: 03 Aug 2019 02:08

Instrument :

MSVOA_W

ClientSampleId :

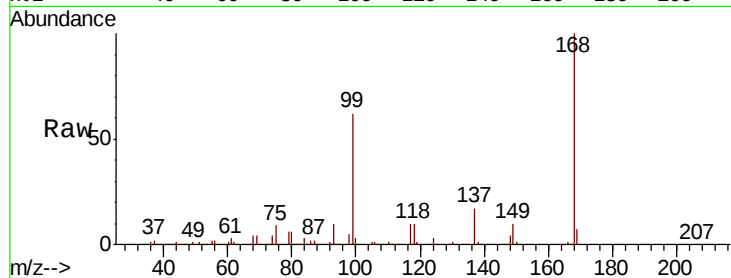
1S-D1-(30)

Tot Ion:168 Resp: 266120

Ion Ratio Lower Upper

168 100

99 61.6 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

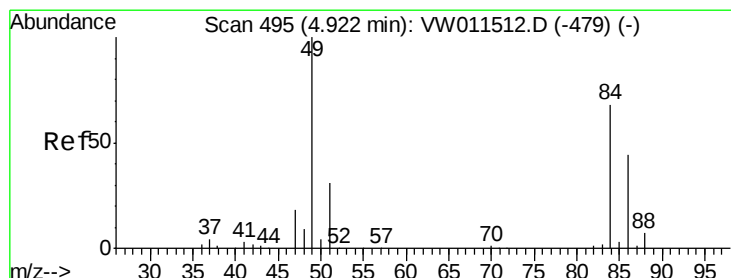
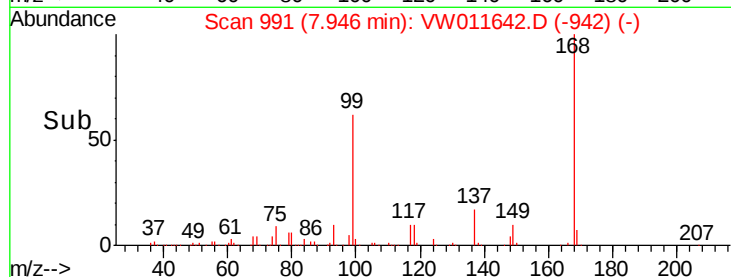
7.95

100000

50000

0

Time--> 7.80 7.90 8.00



#20

Methylene Chloride

Concen: 4.716 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW011642.D

Acq: 03 Aug 2019 02:08

Tgt Ion: 84 Resp: 15809

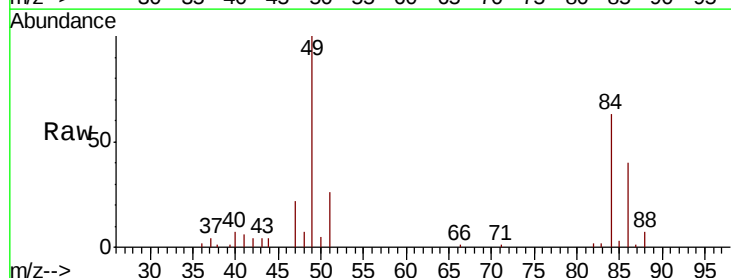
Ion Ratio Lower Upper

84 100

49 158.8 117.8 176.6

51 41.9 37.0 55.4

86 63.0 51.8 77.8



Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW

10000

8000

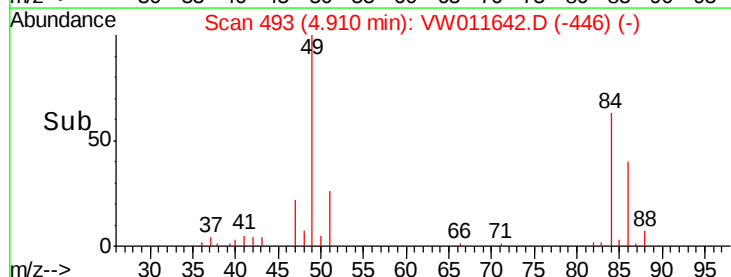
6000

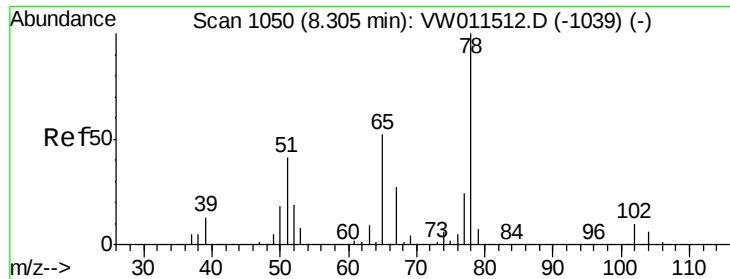
4000

2000

0

Time--> 4.80 4.90 5.00

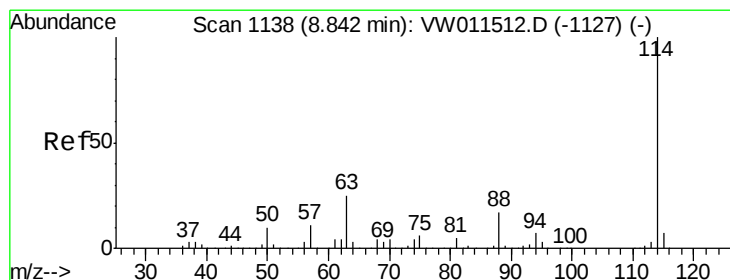
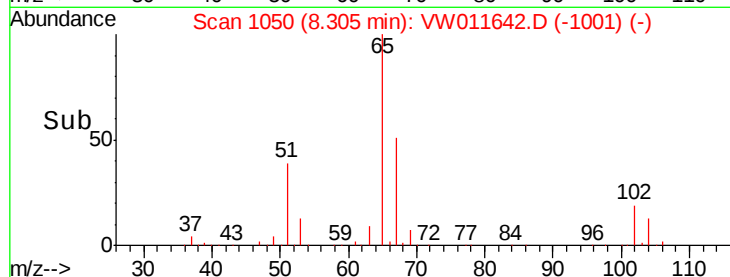
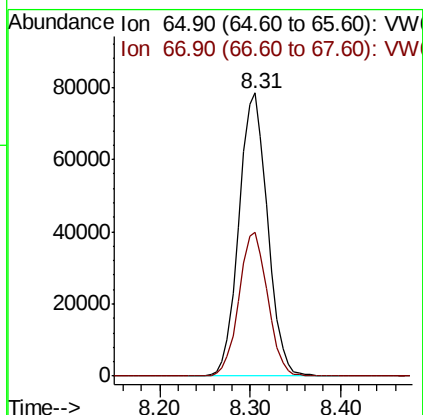
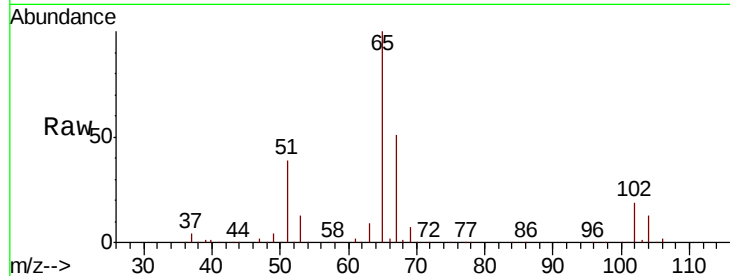




#33
 1,2-Dichloroethane-d4
 Concen: 56.149 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW011642.D
 Acq: 03 Aug 2019 02:08

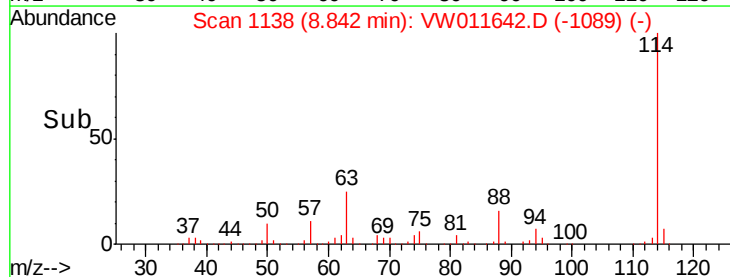
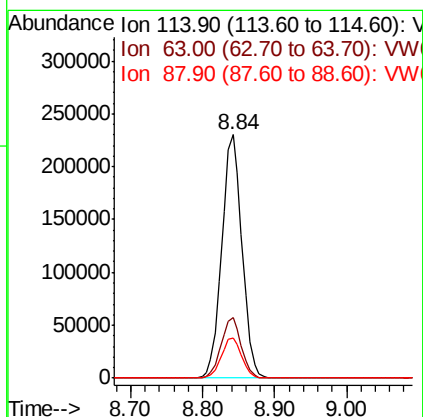
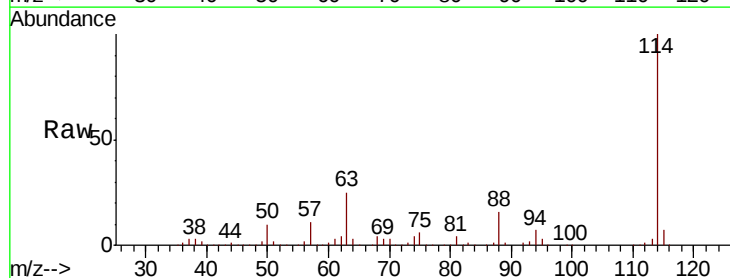
Instrument :
 MSVOA_W
 ClientSampleId :
 1S-D1-(30)

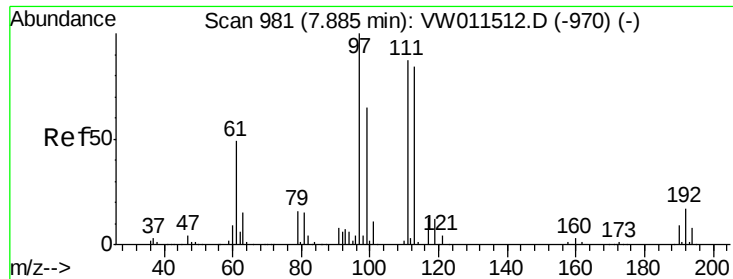
Tot Ion: 65 Resp: 171581
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011642.D
 Acq: 03 Aug 2019 02:08

Tgt Ion: 114 Resp: 448342
 Ion Ratio Lower Upper
 114 100
 63 24.8 0.0 49.2
 88 16.2 0.0 33.8

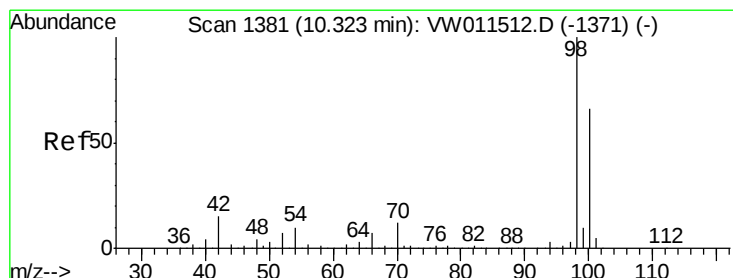
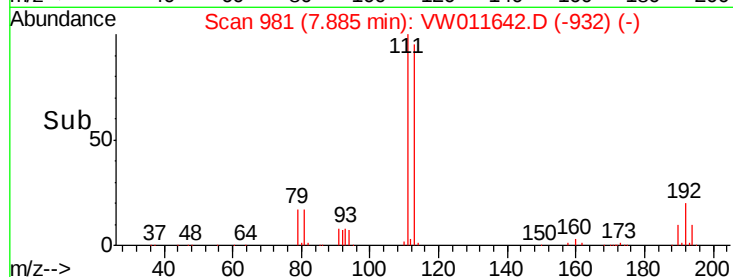
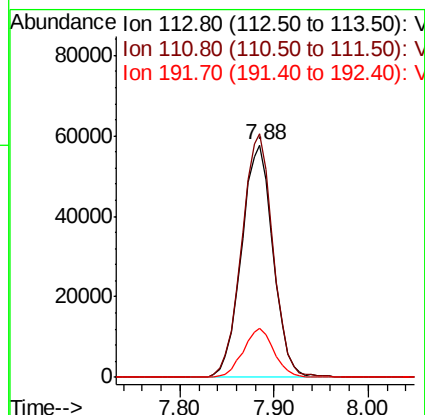
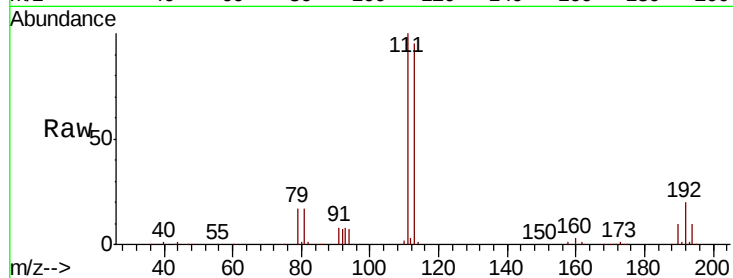




#35
 Dibromofluoromethane
 Concen: 53.719 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW011642.D
 Acq: 03 Aug 2019 02:08

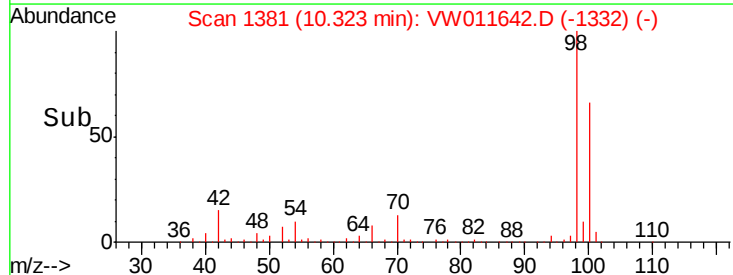
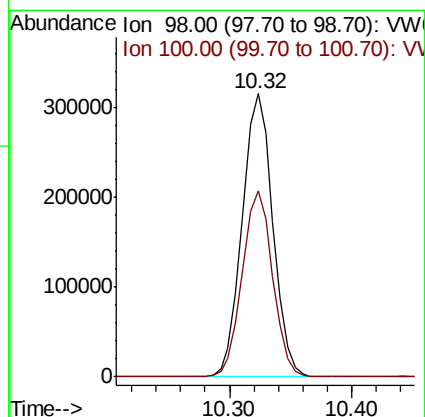
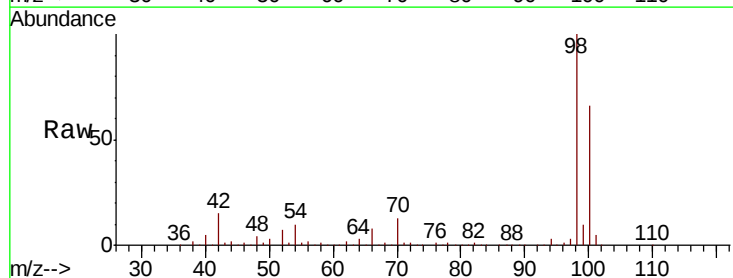
Instrument :
 MSVOA_W
 ClientSampleId :
 1S-D1-(30)

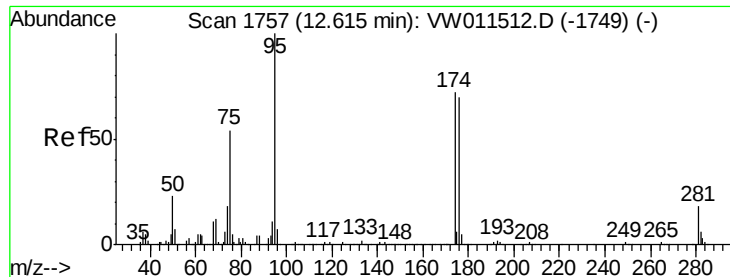
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.1	82.7	124.1
192	20.4	16.1	24.1



#50
 Toluene-d8
 Concen: 53.314 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VW011642.D
 Acq: 03 Aug 2019 02:08

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.7	79.1

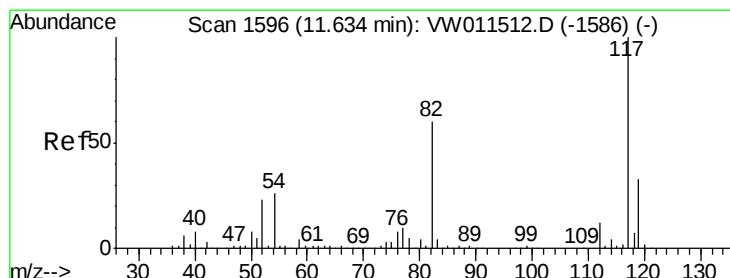
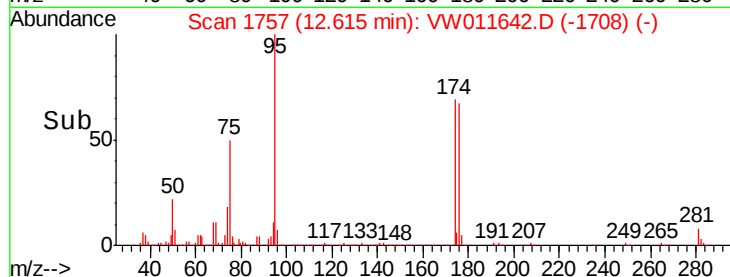
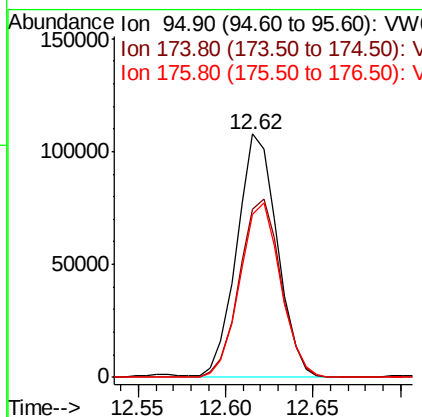
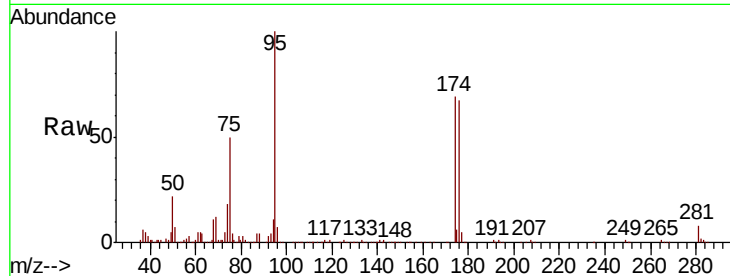




#62
4-Bromofluorobenzene
Concen: 46.912 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW011642.D
Acq: 03 Aug 2019 02:08

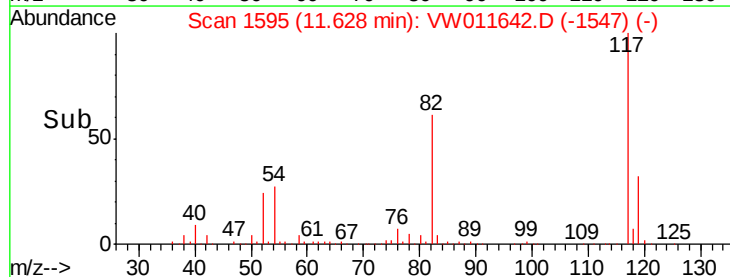
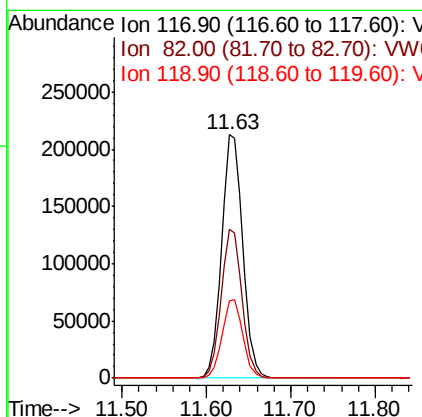
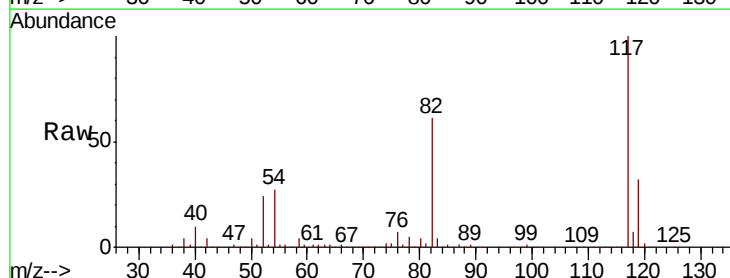
Instrument :
MSVOA_W
ClientSampleId :
1S-D1-(30)

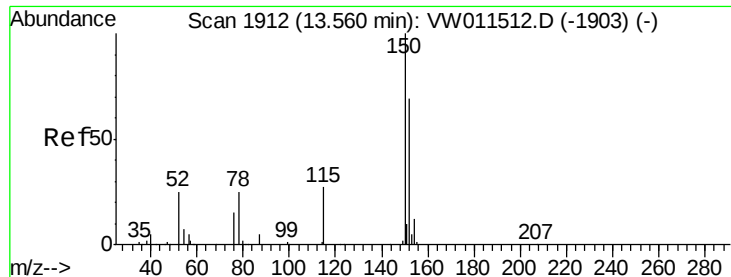
Tot Ion: 95 Resp: 172241
Ion Ratio Lower Upper
95 100
174 75.5 0.0 150.2
176 72.9 0.0 144.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW011642.D
Acq: 03 Aug 2019 02:08

Tgt Ion: 117 Resp: 367686
Ion Ratio Lower Upper
117 100
82 61.1 47.9 71.9
119 31.7 26.2 39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW011642.D

Acq: 03 Aug 2019 02:08

Instrument :

MSVOA_W

ClientSampleId :

1S-D1-(30)

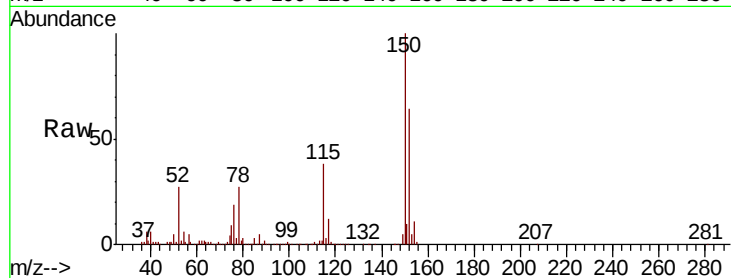
Tot Ion:152 Resp: 140287

Ion Ratio Lower Upper

152 100

115 61.2 30.5 91.5

150 158.0 0.0 352.6



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

