

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081019\
 Data File : VW011798.D
 Acq On : 09 Aug 2019 04:57
 Operator : SY/VA
 Sample : K4228-19
 Misc : 5.86G/5ML/MSVOA W/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 2S-12-(1)

Quant Time: Aug 09 06:34:51 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

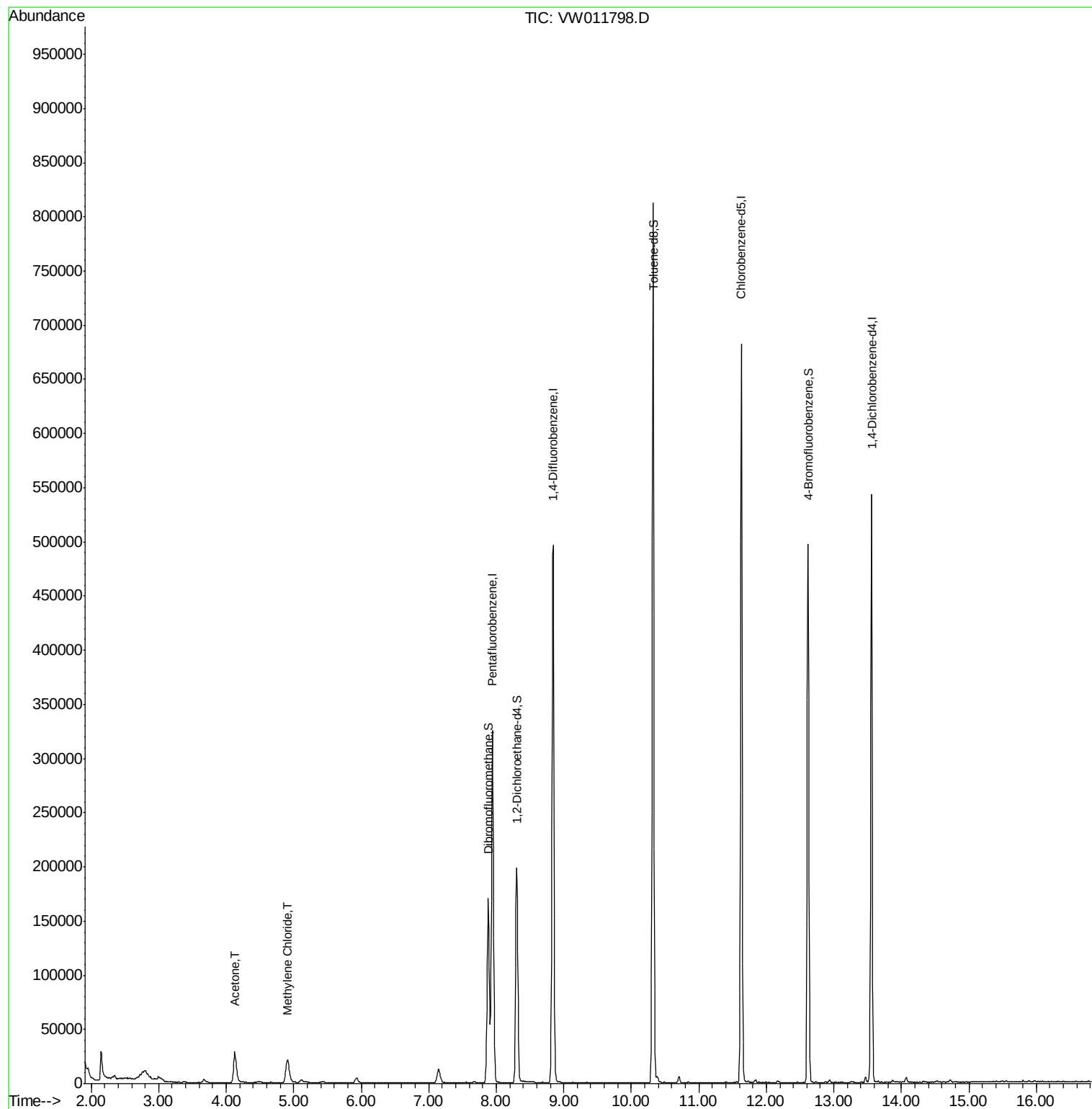
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	233517	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	392708	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	352460	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	134459	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	160230	59.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.52%	
35) Dibromofluoromethane	7.88	113	121700	55.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.48%	
50) Toluene-d8	10.32	98	508052	56.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.64%	
62) 4-Bromofluorobenzene	12.62	95	166874	51.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.78%	
Target Compounds						
16) Acetone	4.13	43	57669	67.611	ug/l	100
20) Methylene Chloride	4.91	84	16250	5.524	ug/l	93

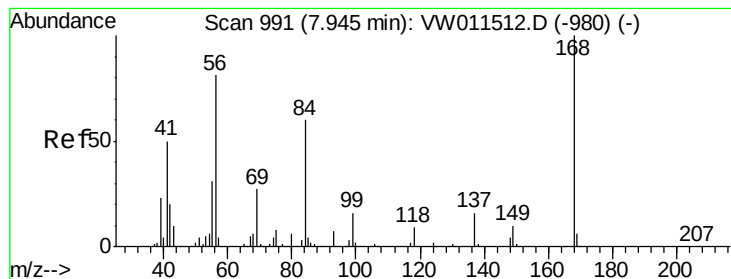
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW011798.D

Acq: 09 Aug 2019 04:57

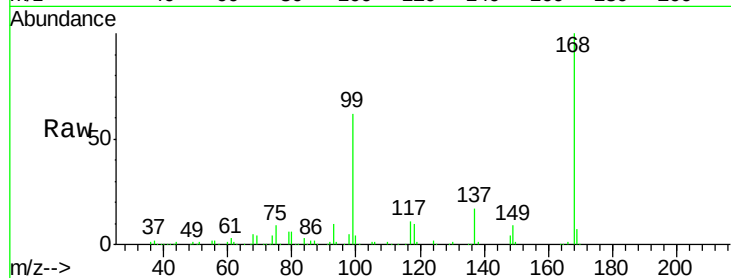
Instrument :
MSVOA_W
ClientSampleId :
2S-12-(1)

Tot Ion:168 Resp: 233517

Ion Ratio Lower Upper

168 100

99 62.4 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

120000

100000

80000

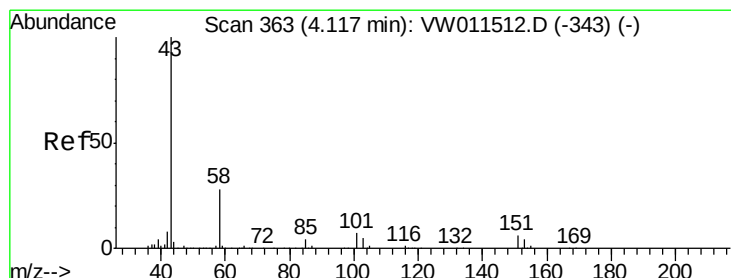
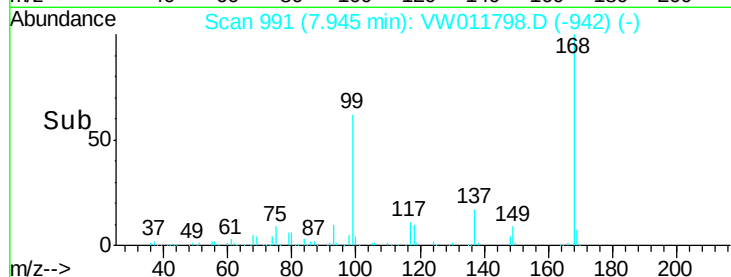
60000

40000

20000

0

Time--> 7.80 7.90 8.00



#16

Acetone

Concen: 67.611 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW011798.D

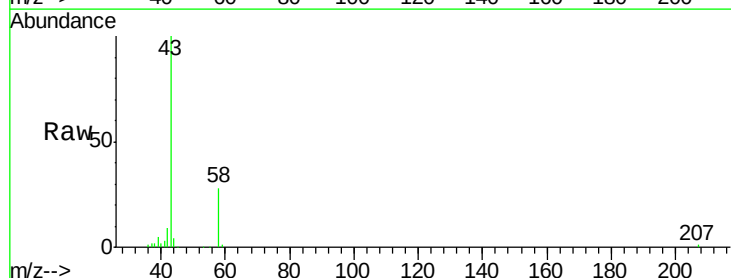
Acq: 09 Aug 2019 04:57

Tgt Ion: 43 Resp: 57669

Ion Ratio Lower Upper

43 100

58 27.8 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

20000

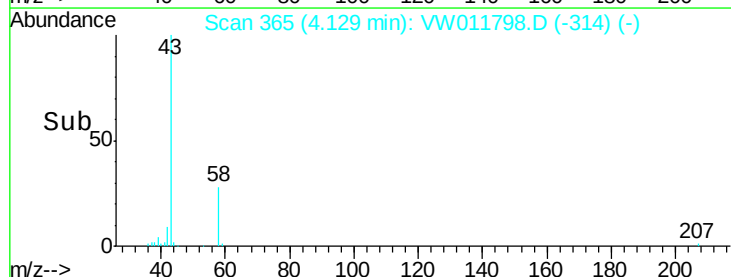
15000

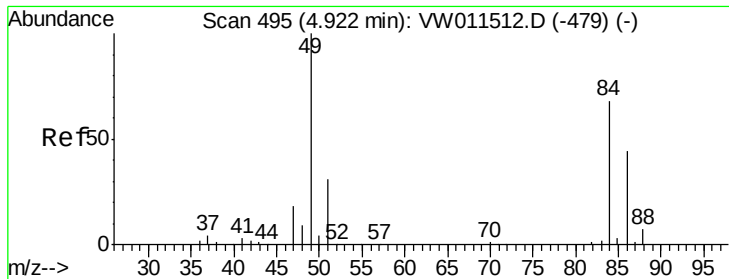
10000

5000

0

Time--> 4.00 4.10 4.20 4.30

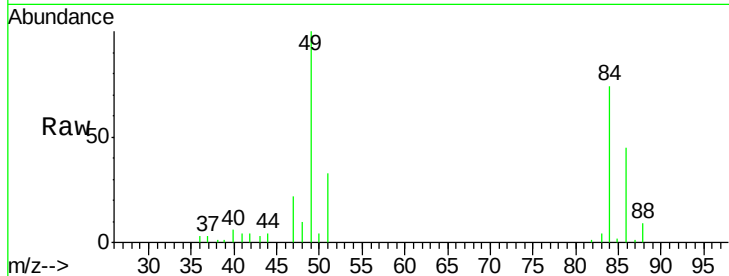




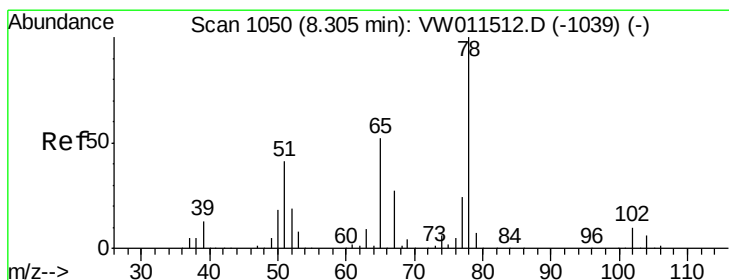
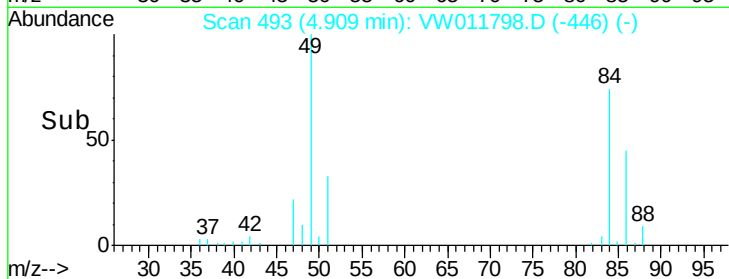
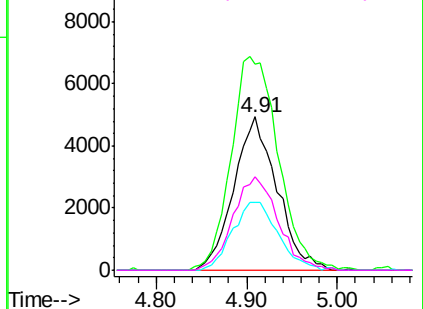
#20
Methylene Chloride
Concen: 5.524 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW011798.D
Acq: 09 Aug 2019 04:57

Instrument :
MSVOA_W
ClientSampled :
2S-12-(1)

Tot Ion: 84 Resp: 16250
Ion Ratio Lower Upper
84 100
49 134.7 117.8 176.6
51 44.6 37.0 55.4
86 61.0 51.8 77.8

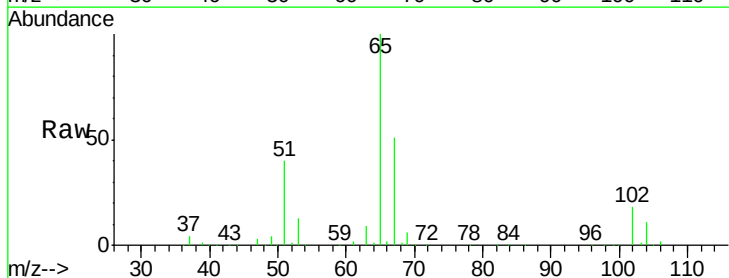


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

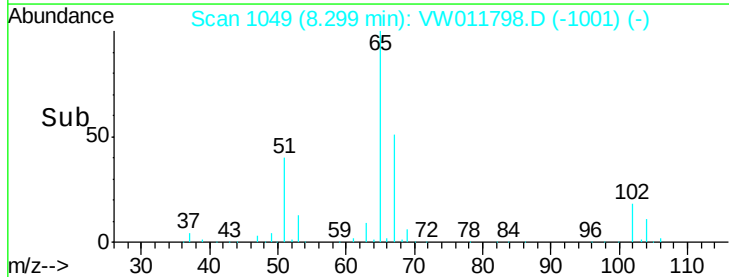
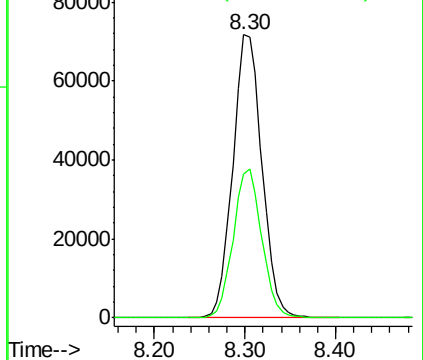


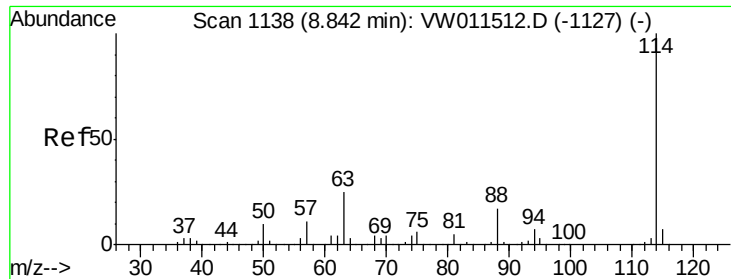
#33
1,2-Dichloroethane-d4
Concen: 59.756 ug/l
RT: 8.30 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VW011798.D
Acq: 09 Aug 2019 04:57

Tgt Ion: 65 Resp: 160230
Ion Ratio Lower Upper
65 100
67 51.5 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

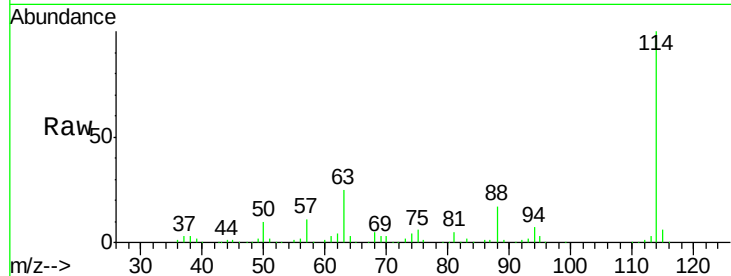




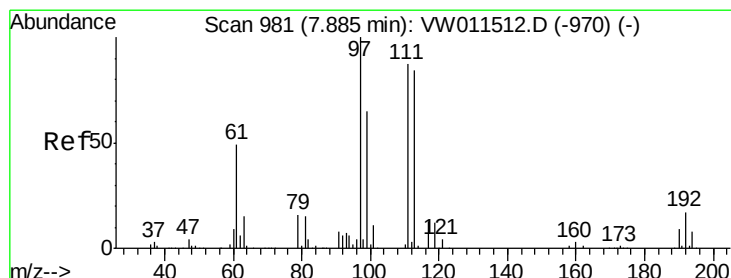
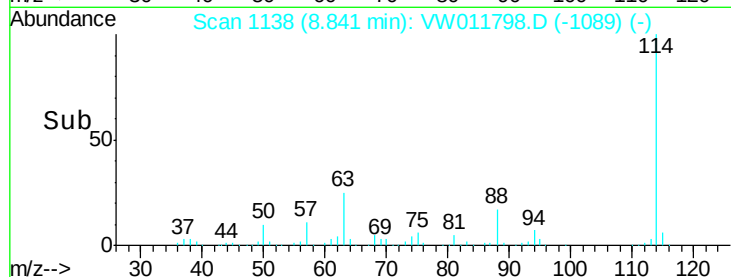
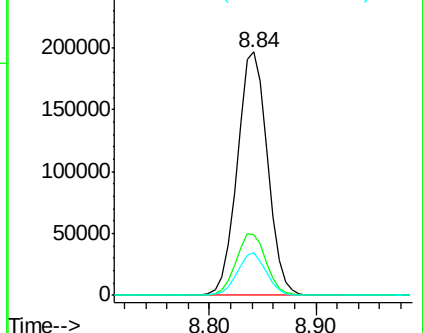
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011798.D
 Acq: 09 Aug 2019 04:57

Instrument :
 MSVOA_W
 ClientSampleId :
 2S-12-(1)

Tot Ion:114 Resp: 392708
 Ion Ratio Lower Upper
 114 100
 63 24.8 0.0 49.2
 88 17.4 0.0 33.8

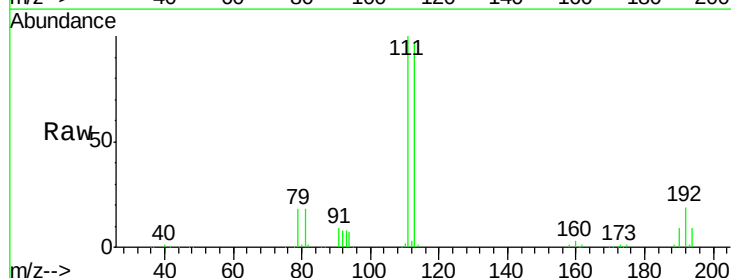


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

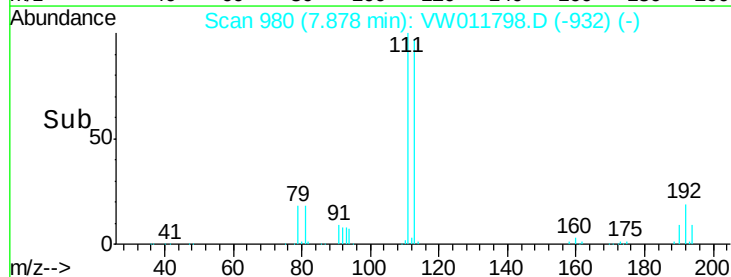
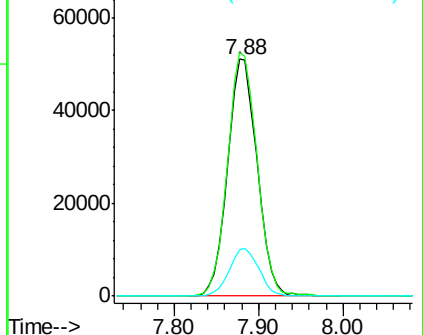


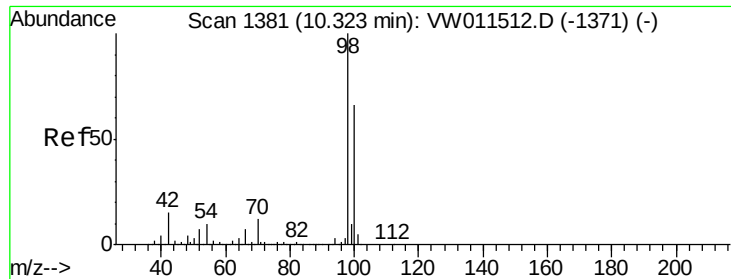
#35
 Dibromofluoromethane
 Concen: 55.239 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW011798.D
 Acq: 09 Aug 2019 04:57

Tgt Ion:113 Resp: 121700
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.7 124.1
 192 20.0 16.1 24.1



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: 56.323 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW011798.D

Acq: 09 Aug 2019 04:57

Instrument :

MSVOA_W

ClientSampleId :

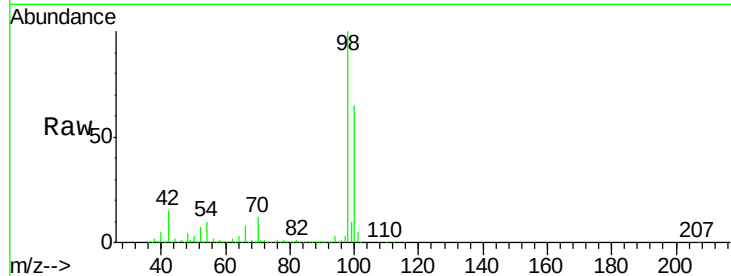
2S-12-(1)

Tot Ion: 98 Resp: 508052

Ion Ratio Lower Upper

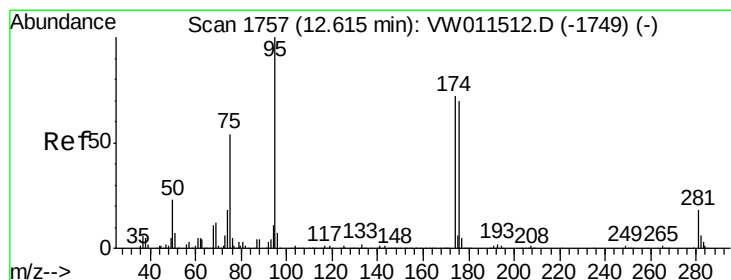
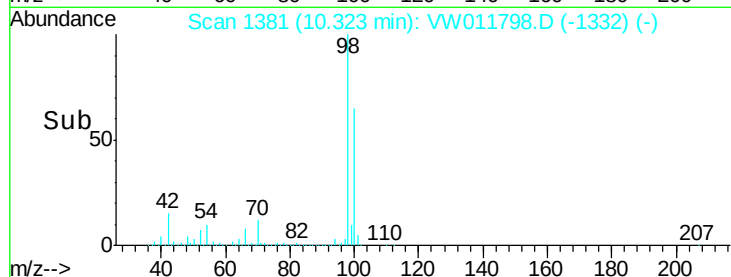
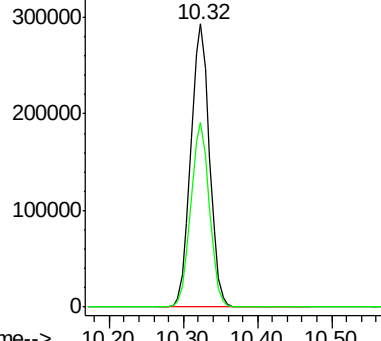
98 100

100 64.9 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 51.890 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VW011798.D

Acq: 09 Aug 2019 04:57

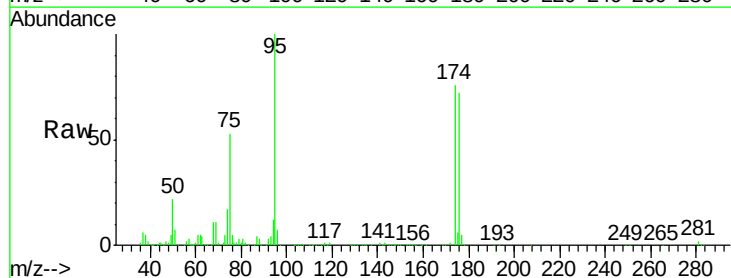
Tgt Ion: 95 Resp: 166874

Ion Ratio Lower Upper

95 100

174 74.5 0.0 150.2

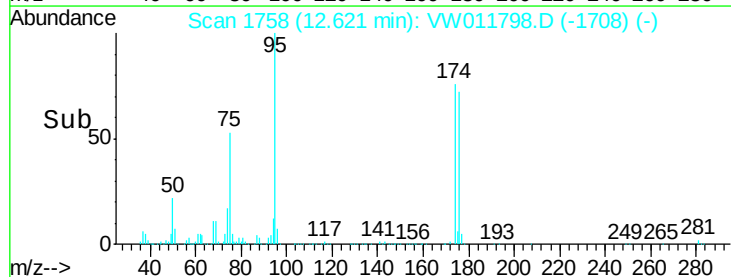
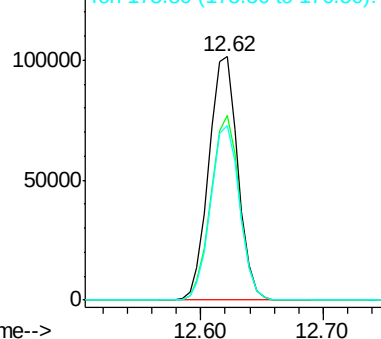
176 71.6 0.0 144.4

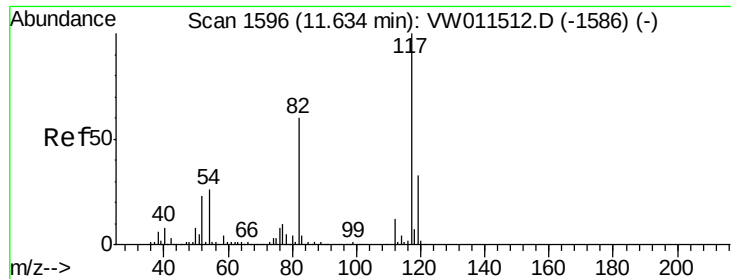


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

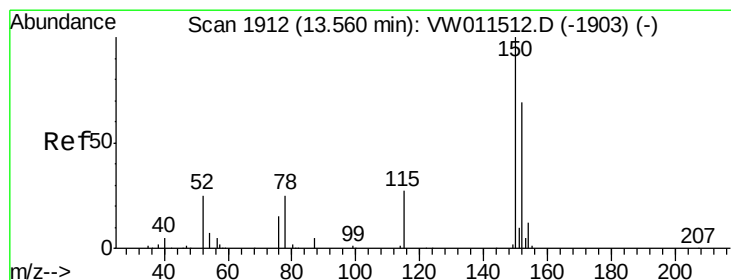
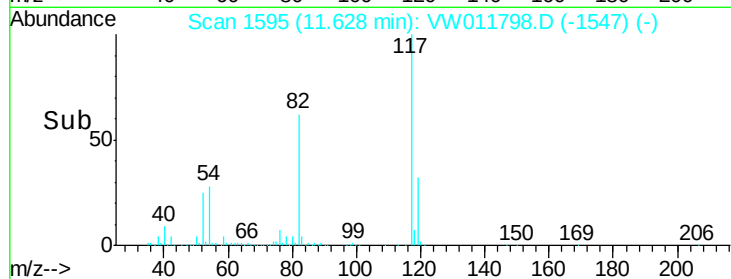
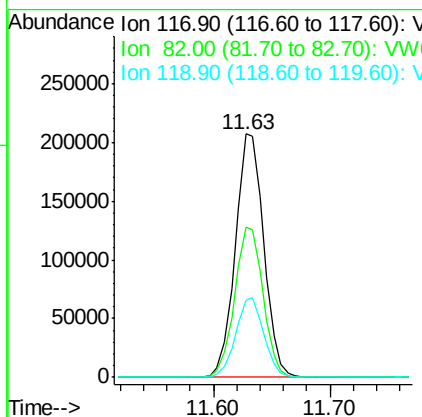
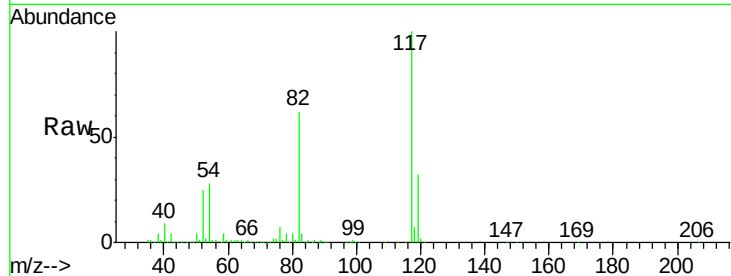




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW011798.D
Acq: 09 Aug 2019 04:57

Instrument :
MSVOA_W
ClientSampled :
2S-12-(1)

Tot Ion:117 Resp: 352460
Ion Ratio Lower Upper
117 100
82 61.5 47.9 71.9
119 31.9 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: VW011798.D
Acq: 09 Aug 2019 04:57

Tgt Ion:152 Resp: 134459
Ion Ratio Lower Upper
152 100
115 60.5 30.5 91.5
150 155.3 0.0 352.6

