

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090819\
 Data File : VW012794.D
 Acq On : 09 Sep 2019 02:32
 Operator : SY/VA
 Sample : K4623-05
 Misc : 3.93G/5ML/MSVOA W/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PAR-11-C2-(4)

Quant Time: Sep 09 07:42:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
 Quant Title : SW846 8260
 QLast Update : Sun Sep 08 05:04:40 2019
 Response via : Initial Calibration

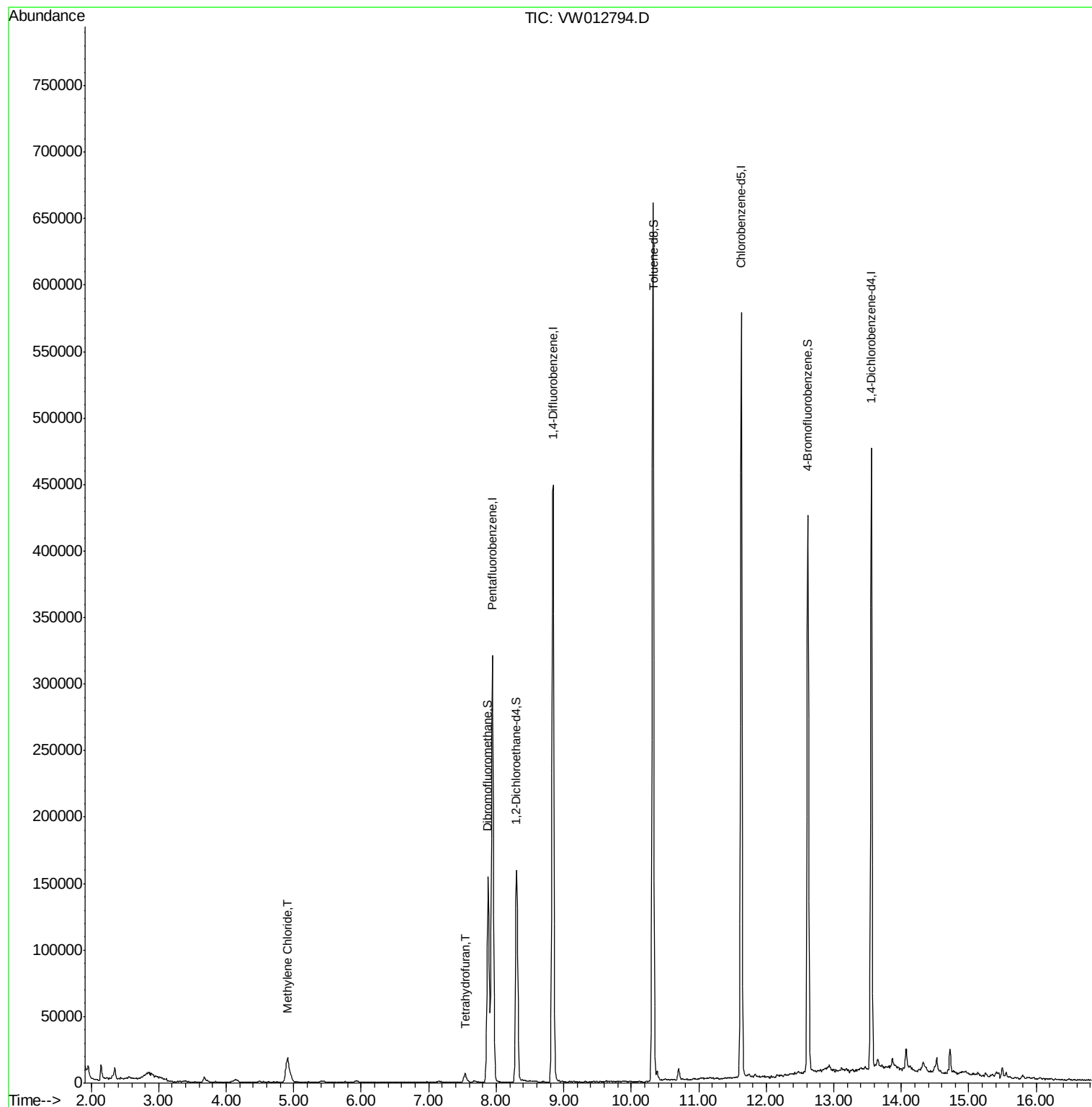
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.94	168	241839	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	365385	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	297768	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	120412	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	135545	50.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.32%	
35) Dibromofluoromethane	7.88	113	107552	49.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.02%	
50) Toluene-d8	10.32	98	429292	50.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.88%	
62) 4-Bromofluorobenzene	12.62	95	132438	42.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.74%	
Target Compounds						
20) Methylene Chloride	4.91	84	12625	5.478	ug/l	96
29) Tetrahydrofuran	7.54	42	5310	8.926	ug/l #	90

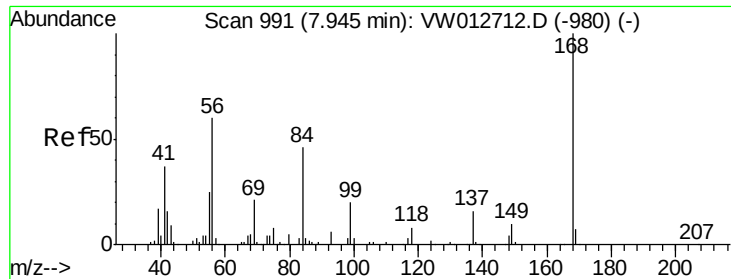
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW012794.D

Acq: 09 Sep 2019 02:32

Instrument :

MSVOA_W

ClientSampleId :

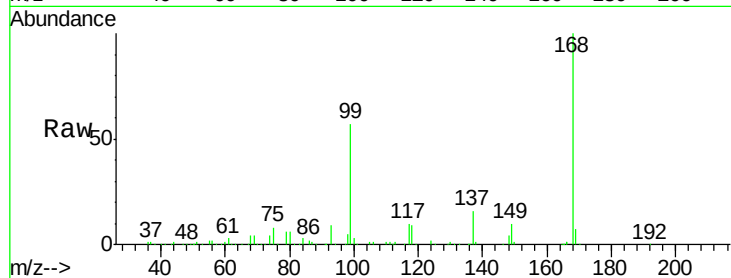
PAR-11-C2-(4)

Tot Ion:168 Resp: 241839

Ion Ratio Lower Upper

168 100

99 56.7 47.8 71.6

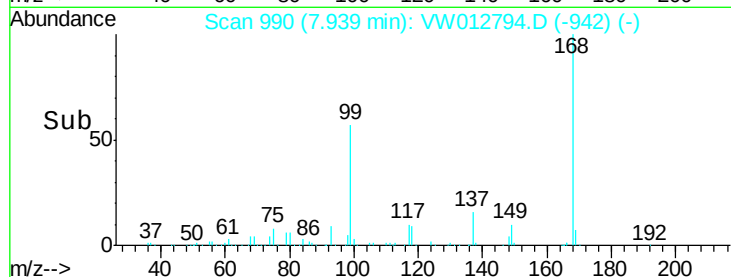


Abundance Ion 167.90 (167.60 to 168.60): V

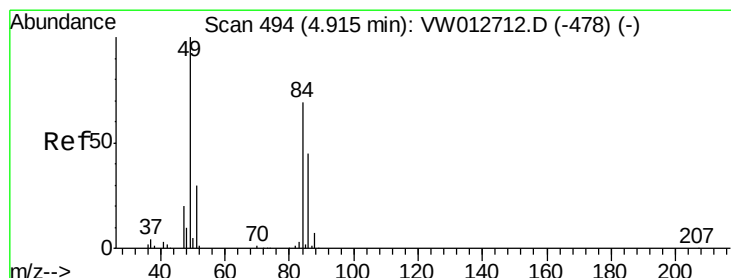
Ion 98.90 (98.60 to 99.60): VW

7.94

Time-->



Time-->



#20

Methylene Chloride

Concen: 5.478 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW012794.D

Acq: 09 Sep 2019 02:32

Tgt Ion: 84 Resp: 12625

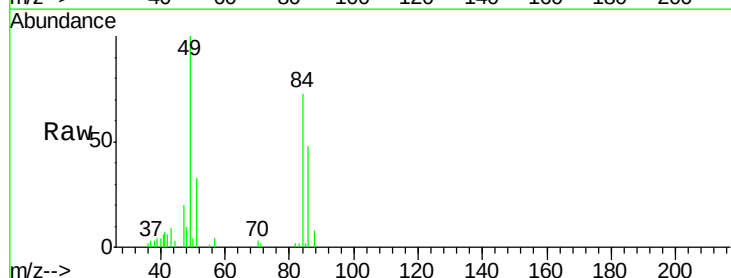
Ion Ratio Lower Upper

84 100

49 137.3 115.4 173.0

51 44.9 34.9 52.3

86 66.6 52.2 78.4



Abundance Ion 83.90 (83.60 to 84.60): VW

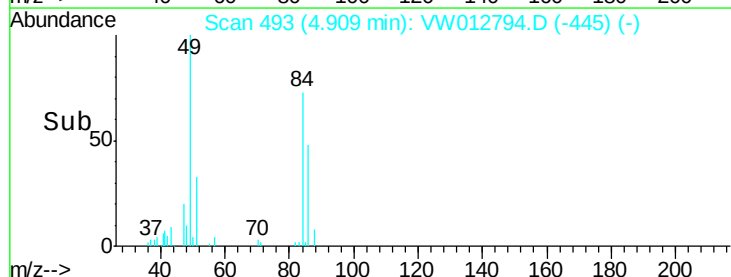
Ion 48.90 (48.60 to 49.60): VW

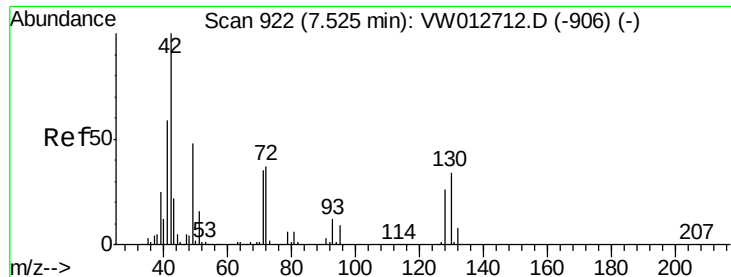
Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW

4.91

Time-->

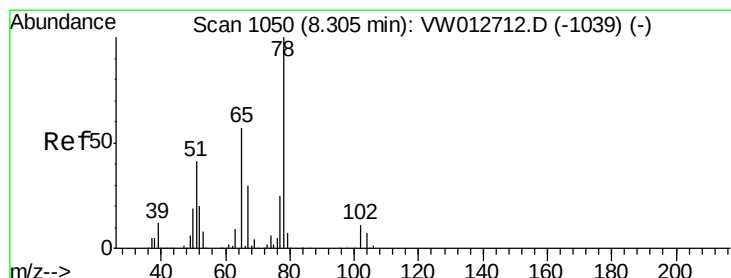
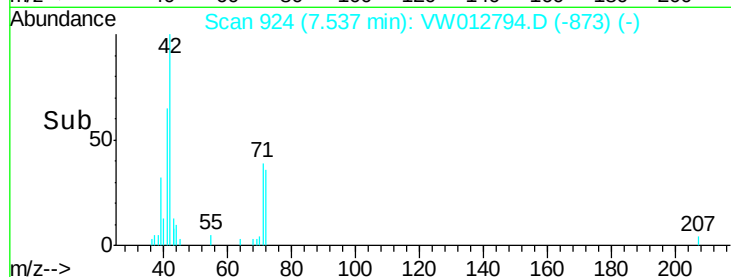
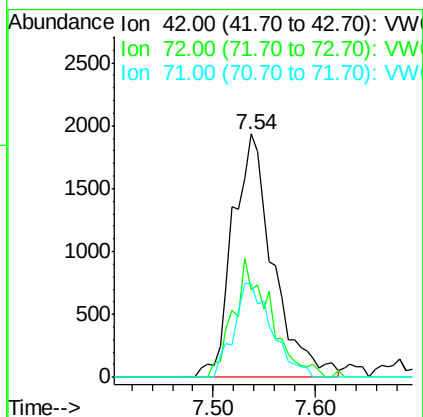
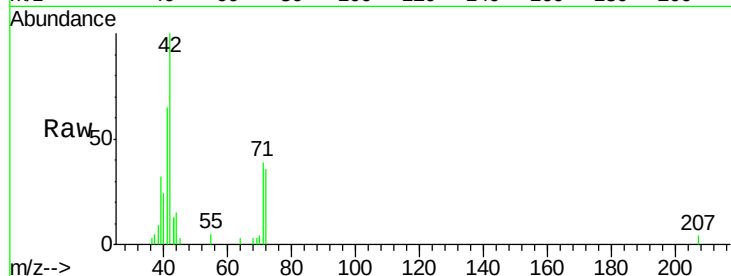




#29
Tetrahydrofuran
Concen: 8.926 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW012794.D
Acq: 09 Sep 2019 02:32

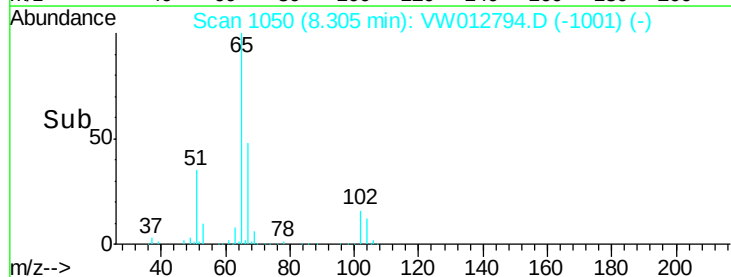
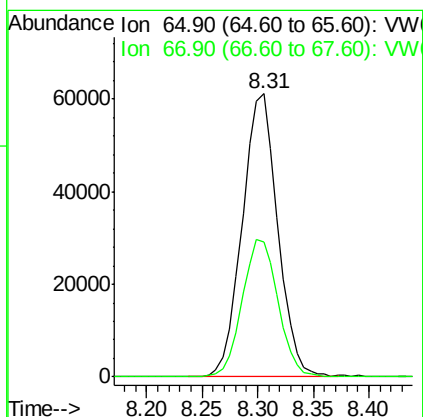
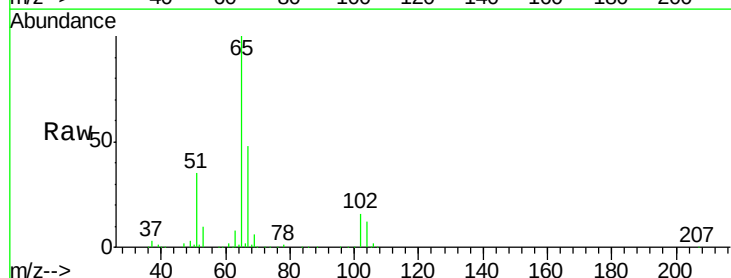
Instrument :
MSVOA_W
ClientSampled :
PAR-11-C2-(4)

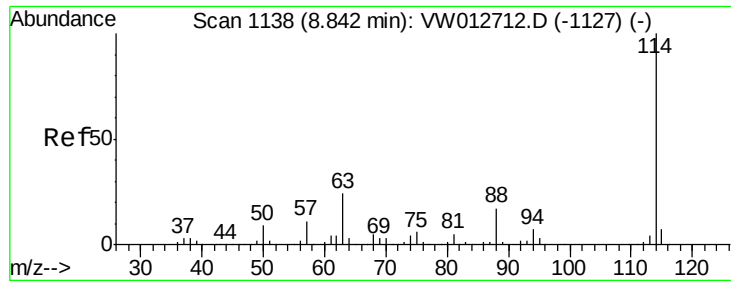
Tot Ion: 42 Resp: 5310
Ion Ratio Lower Upper
42 100
72 44.8 28.4 42.6#
71 36.4 27.1 40.7



#33
1,2-Dichloroethane-d4
Concen: 50.162 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW012794.D
Acq: 09 Sep 2019 02:32

Tgt Ion: 65 Resp: 135545
Ion Ratio Lower Upper
65 100
67 49.4 0.0 101.8

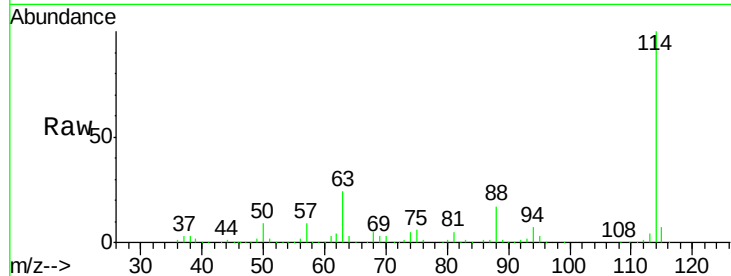




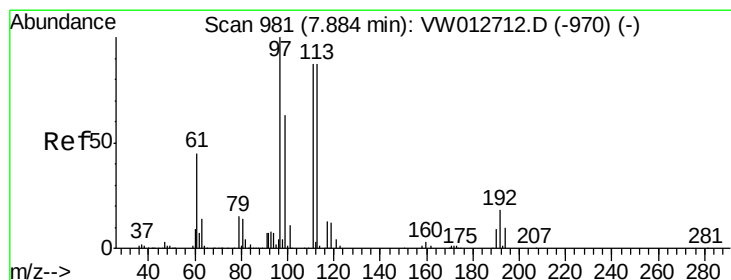
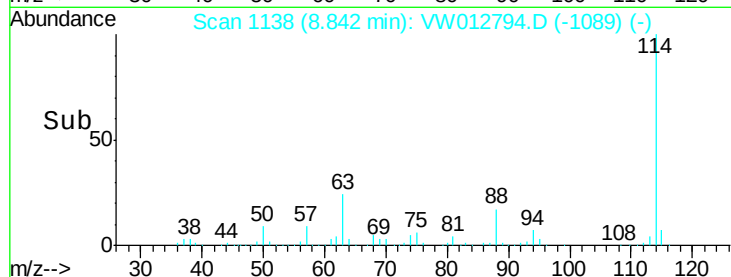
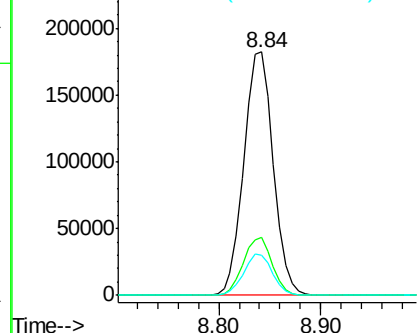
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW012794.D
 Acq: 09 Sep 2019 02:32

Instrument :
 MSVOA_W
 ClientSampleId :
 PAR-11-C2-(4)

Tot Ion:114 Resp: 365385
 Ion Ratio Lower Upper
 114 100
 63 23.9 0.0 47.2
 88 16.7 0.0 34.0

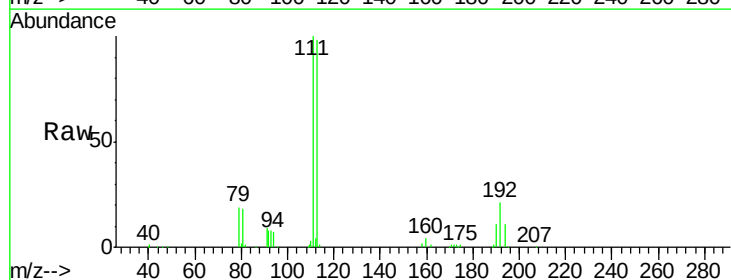


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

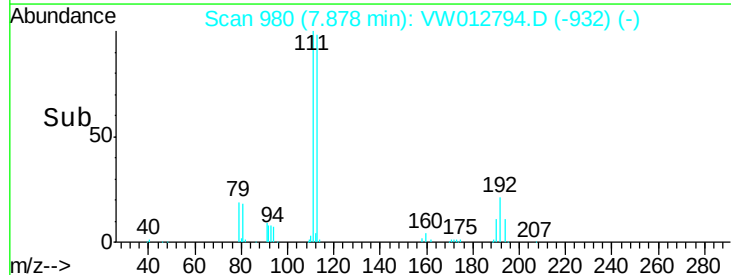
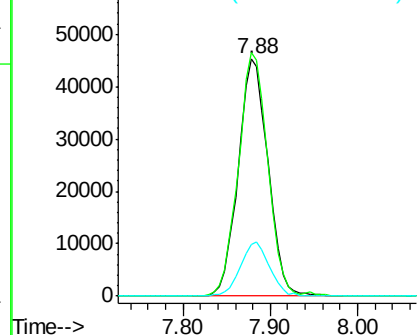


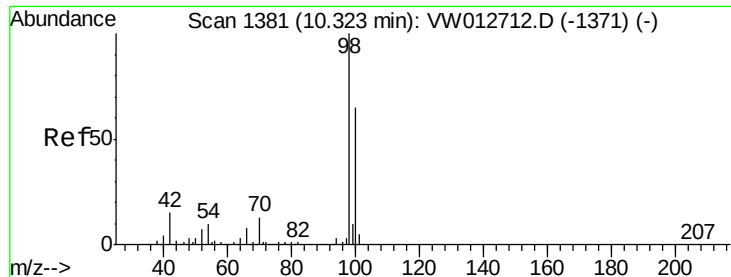
#35
 Dibromofluoromethane
 Concen: 49.510 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012794.D
 Acq: 09 Sep 2019 02:32

Tgt Ion:113 Resp: 107552
 Ion Ratio Lower Upper
 113 100
 111 100.9 80.2 120.4
 192 22.2 17.3 25.9



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: 50.442 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW012794.D

Acq: 09 Sep 2019 02:32

Instrument :

MSVOA_W

ClientSampled :

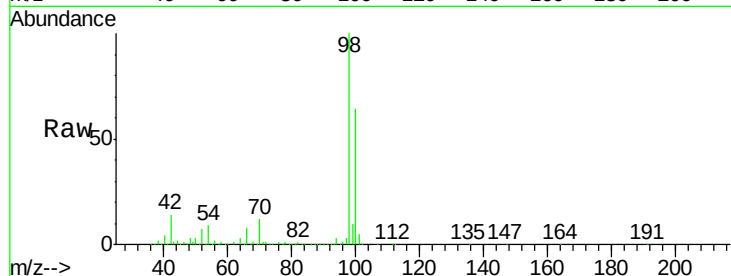
PAR-11-C2-(4)

Tot Ion: 98 Resp: 429292

Ion Ratio Lower Upper

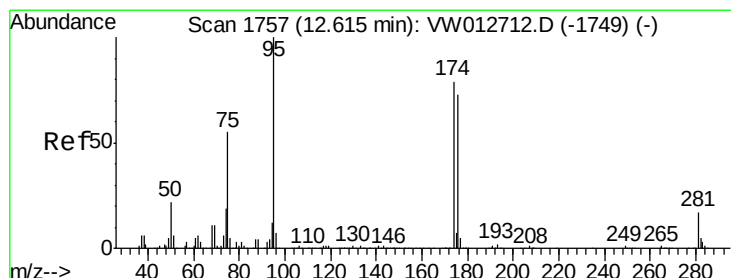
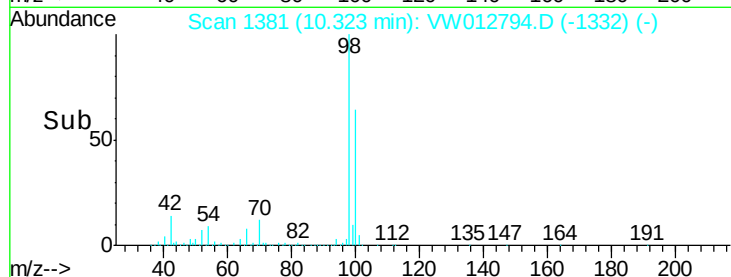
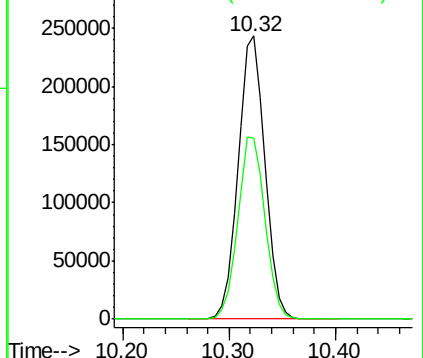
98 100

100 65.4 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 42.865 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW012794.D

Acq: 09 Sep 2019 02:32

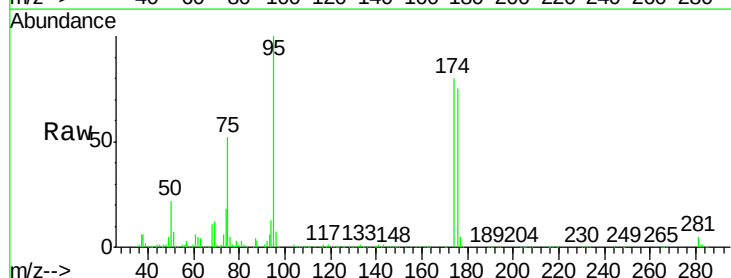
Tgt Ion: 95 Resp: 132438

Ion Ratio Lower Upper

95 100

174 83.3 0.0 161.0

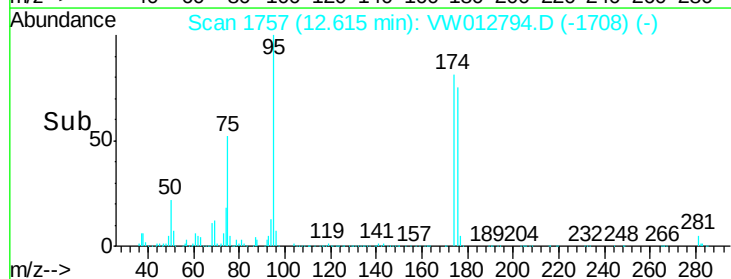
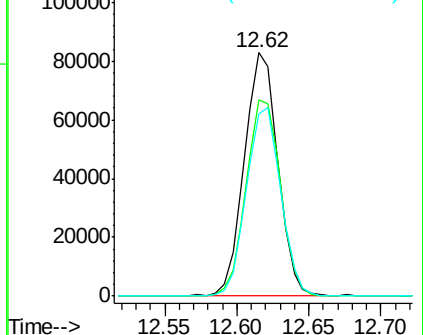
176 79.8 0.0 156.4

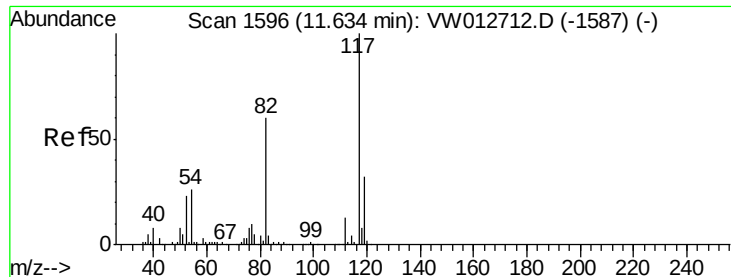


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

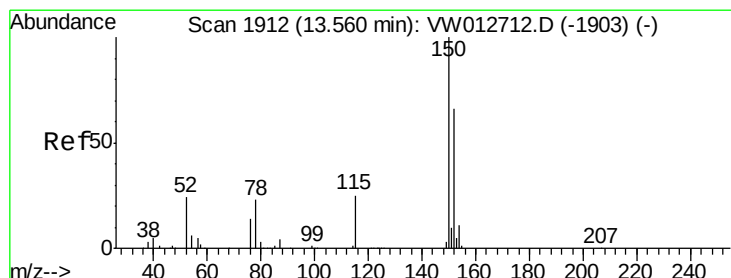
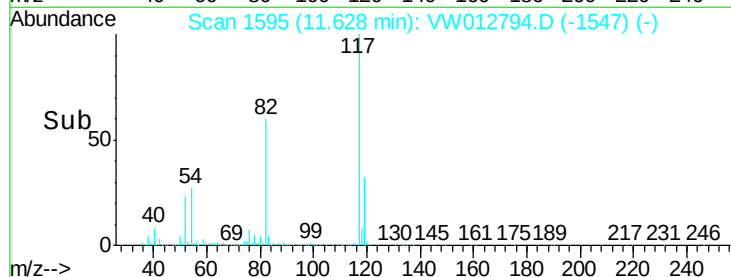
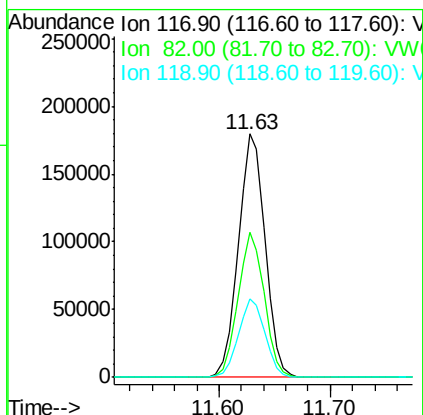
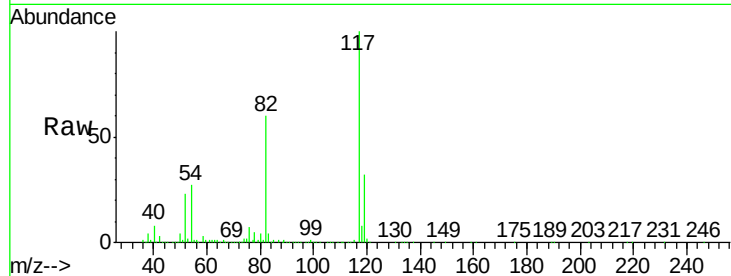




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012794.D
Acq: 09 Sep 2019 02:32

Instrument :
MSVOA_W
ClientSampleId :
PAR-11-C2-(4)

Tot Ion:117 Resp: 297768
Ion Ratio Lower Upper
117 100
82 59.5 48.2 72.4
119 32.0 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW012794.D
Acq: 09 Sep 2019 02:32

Tgt Ion:152 Resp: 120412
Ion Ratio Lower Upper
152 100
115 59.7 30.0 90.1
150 155.9 0.0 349.0

