

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090519\
 Data File : VW012653.D
 Acq On : 05 Sep 2019 20:36
 Operator : SY/VA
 Sample : K4579-04
 Misc : 4.09G/5ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PAR-12-A4-(0)

Quant Time: Sep 06 08:24:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

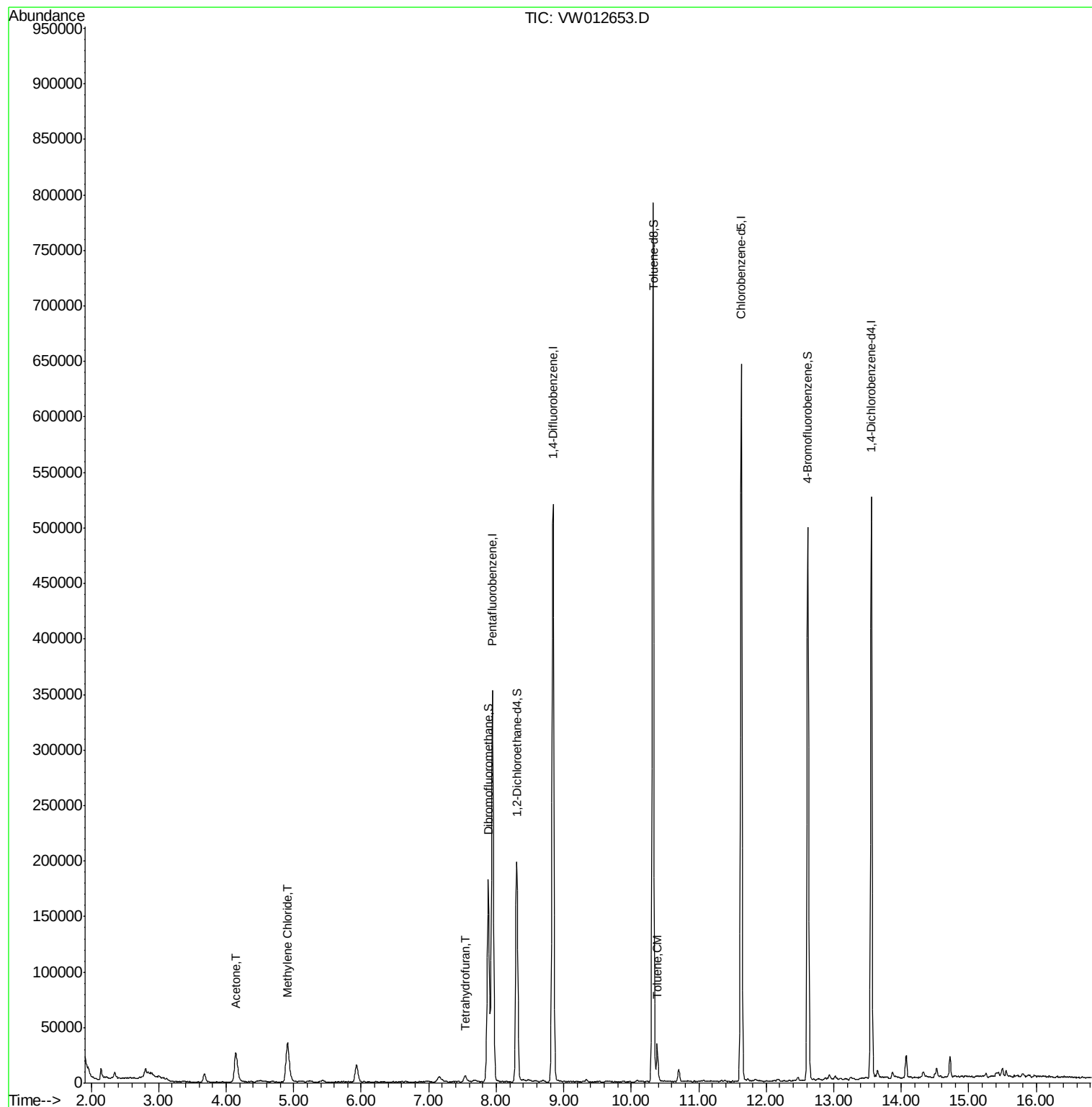
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	257781	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	415607	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	341338	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	132271	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	161503	52.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.40%	
35) Dibromofluoromethane	7.88	113	127166	51.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.52%	
50) Toluene-d8	10.32	98	501459	49.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.70%	
62) 4-Bromofluorobenzene	12.62	95	155267	43.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.58%	
Target Compounds						
16) Acetone	4.15	43	59824	76.372	ug/l	94
20) Methylene Chloride	4.92	84	27312	9.223	ug/l	95
29) Tetrahydrofuran	7.54	42	5545	8.683	ug/l #	68
52) Toluene	10.38	92	13282	1.885	ug/l	96

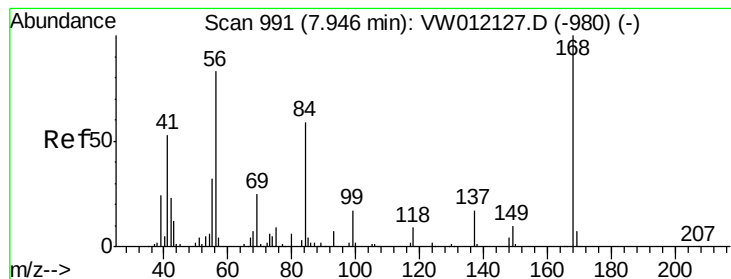
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090519\
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Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 2019
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: VW012653.D

Acq: 05 Sep 2019 20:36

Instrument :

MSVOA_W

ClientSampleId :

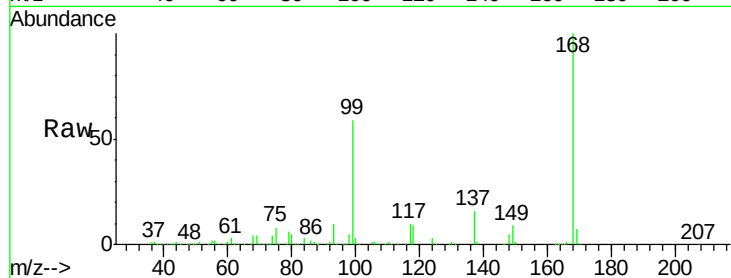
PAR-12-A4-(0)

Tot Ion:168 Resp: 257781

Ion Ratio Lower Upper

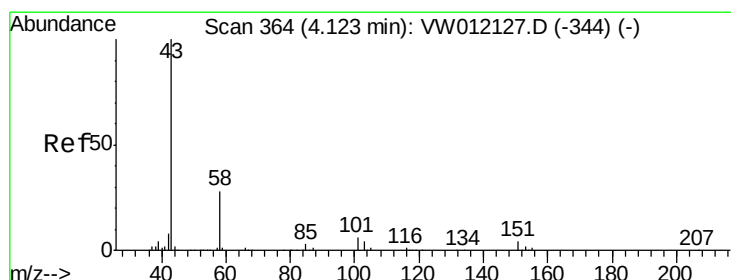
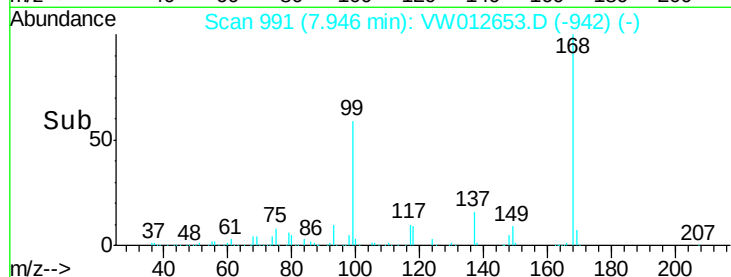
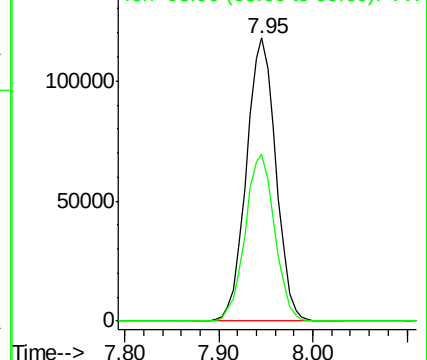
168 100

99 58.9 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 76.372 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.02 min

Lab File: VW012653.D

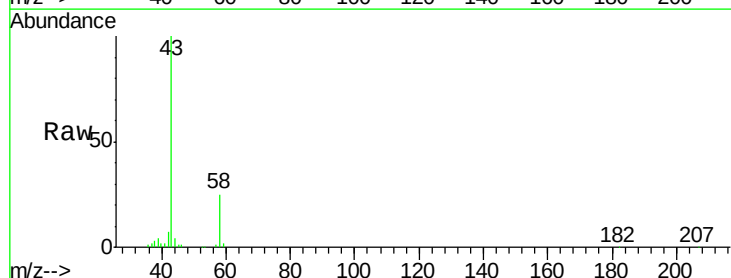
Acq: 05 Sep 2019 20:36

Tgt Ion: 43 Resp: 59824

Ion Ratio Lower Upper

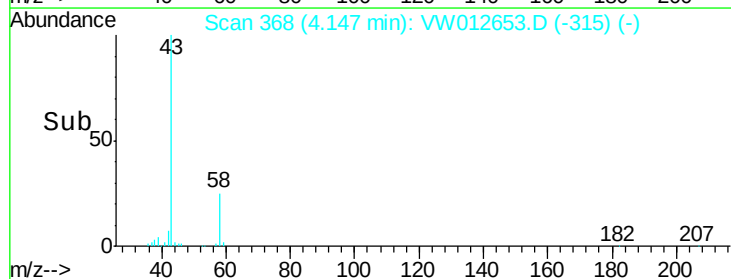
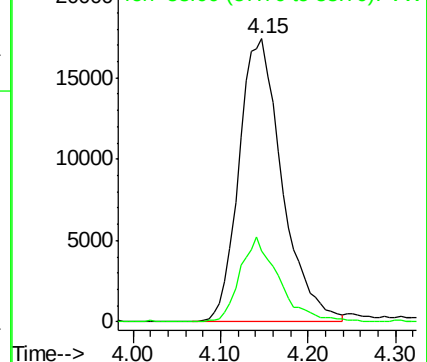
43 100

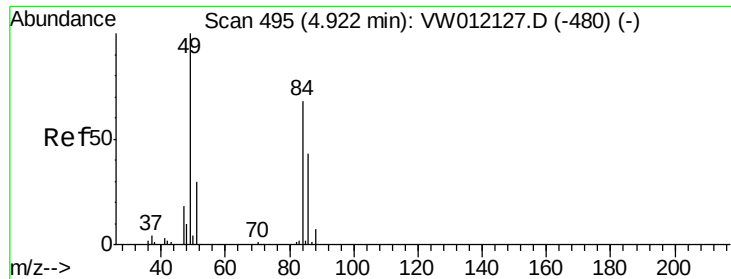
58 24.8 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



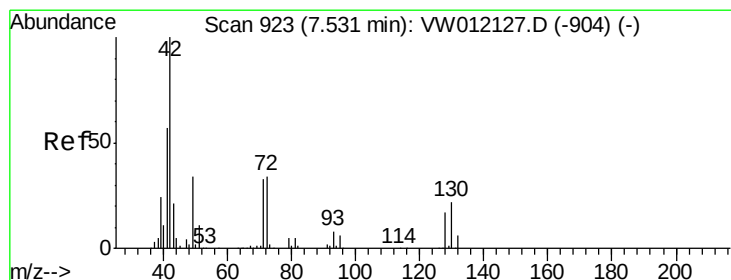
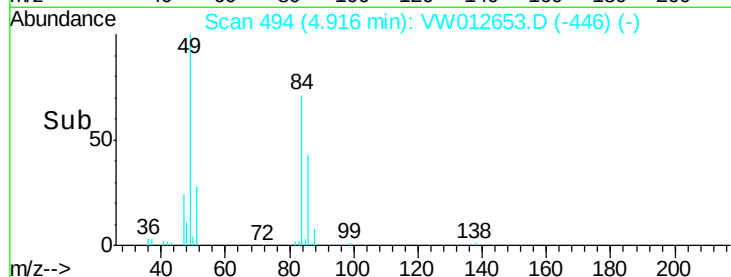
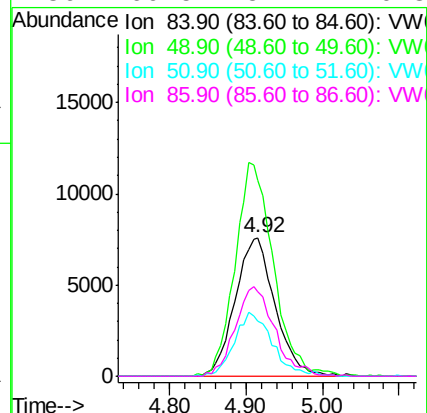
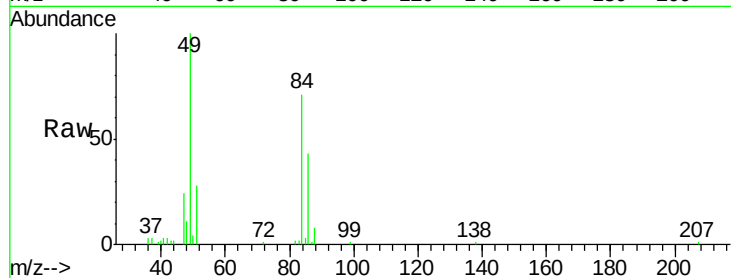


#20
Methylene Chloride
Concen: 9.223 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW012653.D
Acq: 05 Sep 2019 20:36

Instrument :
MSVOA_W
ClientSampleId :
PAR-12-A4-(0)

Tot Ion: 84 Resp: 27312

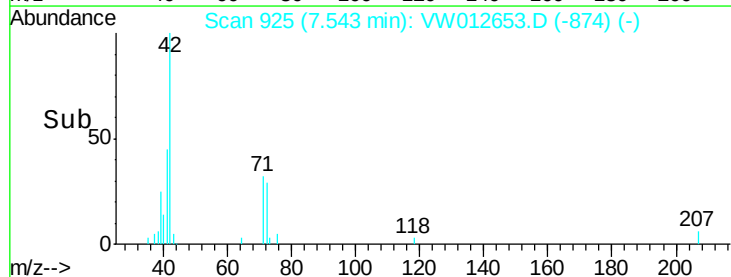
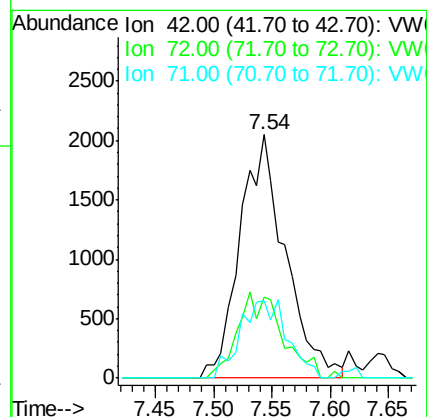
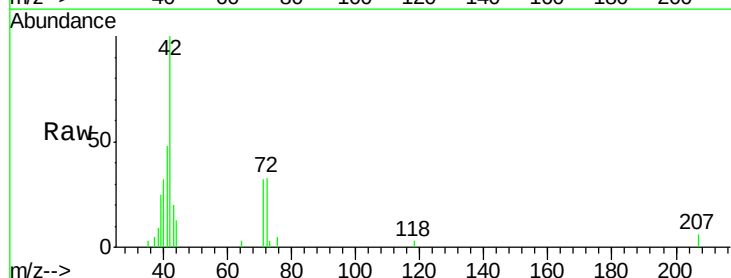
Ion	Ratio	Lower	Upper
84	100		
49	141.2	117.8	176.8
51	39.8	35.6	53.4
86	60.5	51.2	76.8

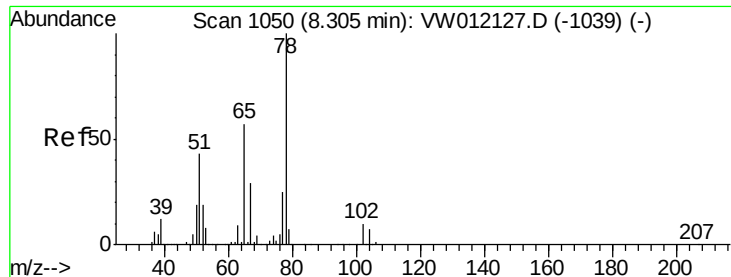


#29
Tetrahydrofuran
Concen: 8.683 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: VW012653.D
Acq: 05 Sep 2019 20:36

Tgt Ion: 42 Resp: 5545

Ion	Ratio	Lower	Upper
42	100		
72	0.0	27.3	40.9#
71	33.0	25.5	38.3

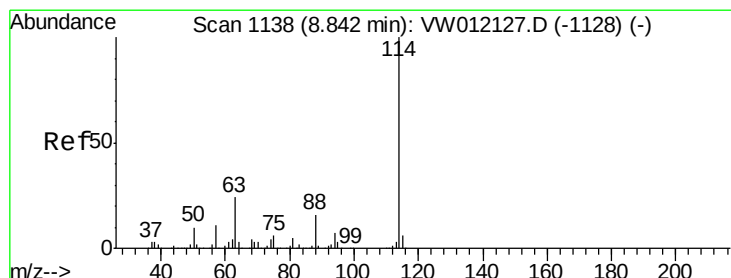
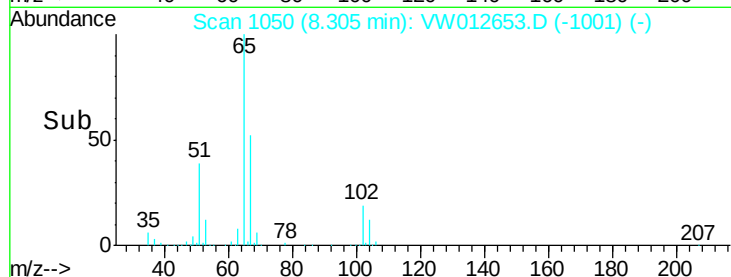
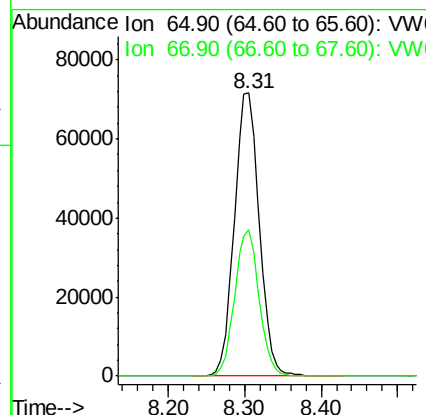
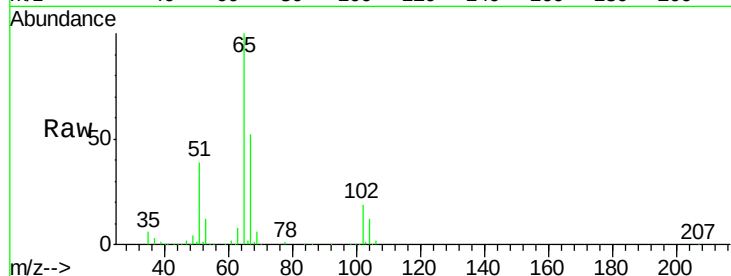




#33
 1,2-Dichloroethane-d4
 Concen: 52.703 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012653.D
 Acq: 05 Sep 2019 20:36

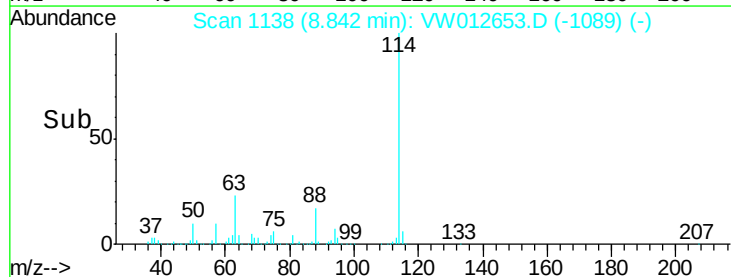
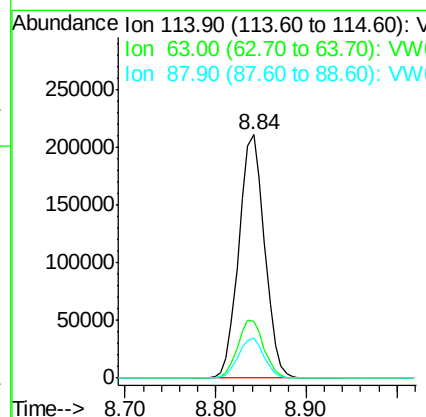
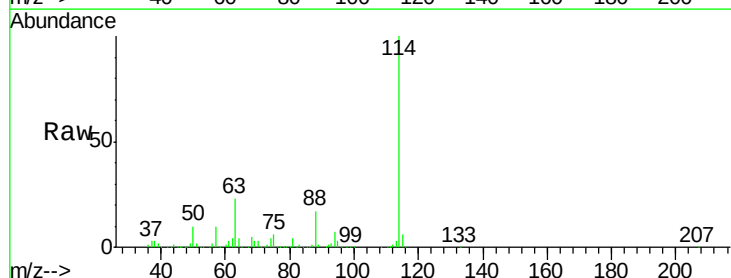
Instrument :
 MSVOA_W
 ClientSampleId :
 PAR-12-A4-(0)

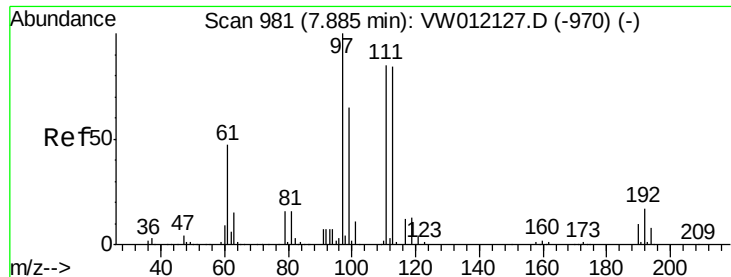
Tot Ion: 65 Resp: 161503
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012653.D
 Acq: 05 Sep 2019 20:36

Tgt Ion: 114 Resp: 415607
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 48.6
 88 16.6 0.0 32.2

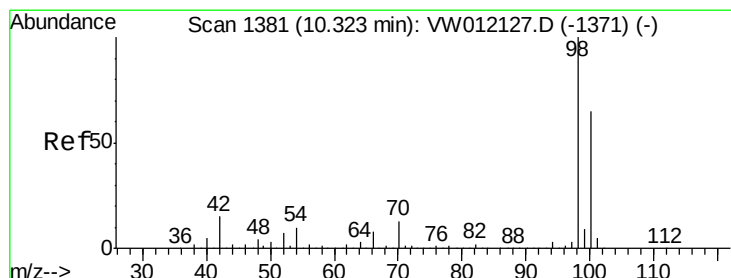
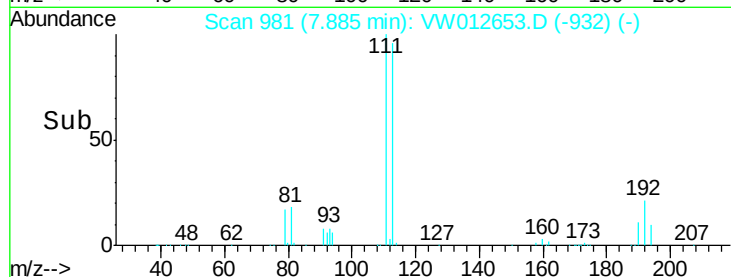
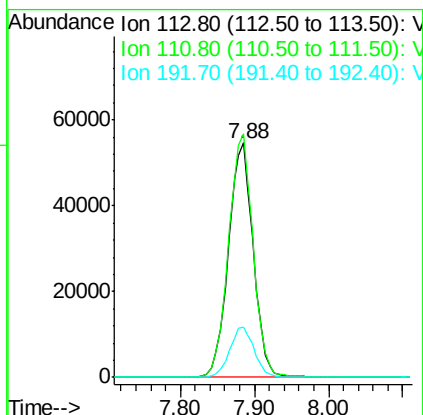
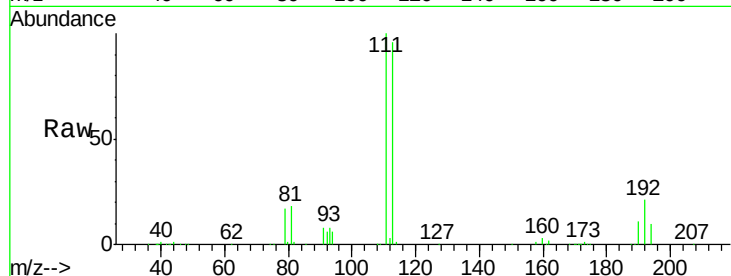




#35
 Dibromofluoromethane
 Concen: 51.261 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012653.D
 Acq: 05 Sep 2019 20:36

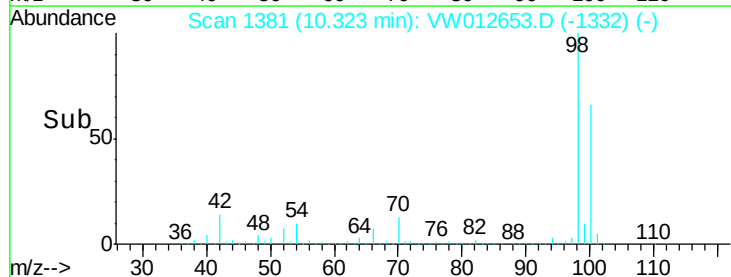
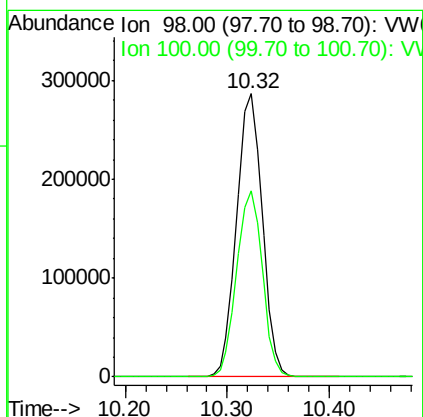
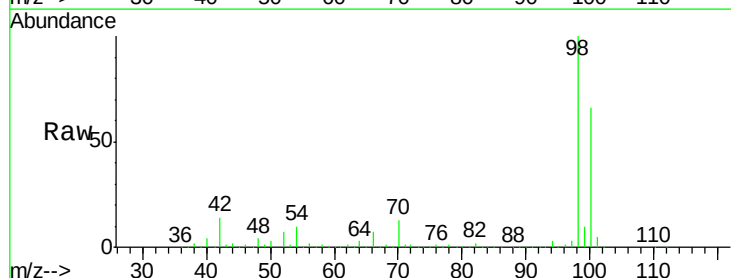
Instrument :
 MSVOA_W
 ClientSampleId :
 PAR-12-A4-(0)

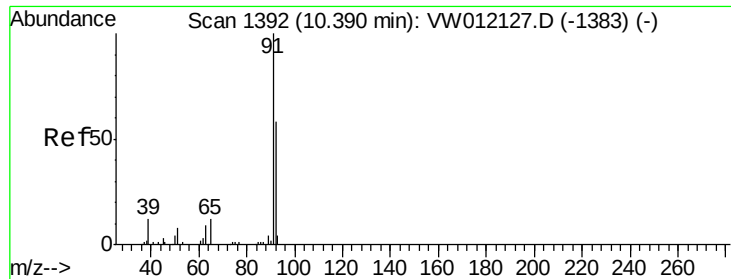
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.7	124.1
192	21.3	16.2	24.2



#50
 Toluene-d8
 Concen: 49.853 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW012653.D
 Acq: 05 Sep 2019 20:36

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.4	78.6





#52

Toluene

Concen: 1.885 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW012653.D

Acq: 05 Sep 2019 20:36

Instrument :

MSVOA_W

ClientSampleId :

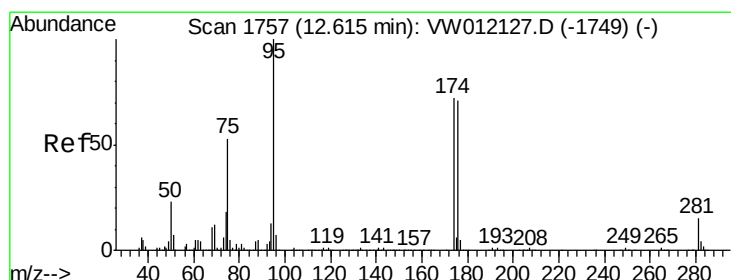
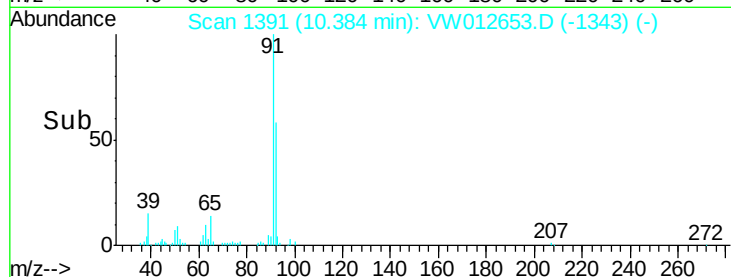
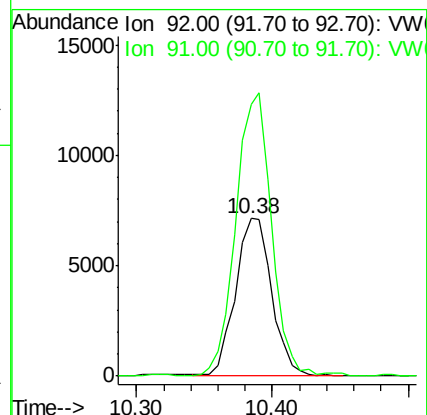
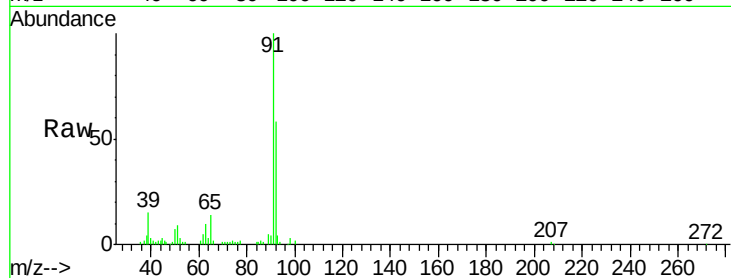
PAR-12-A4-(0)

Tot Ion: 92 Resp: 13282

Ion Ratio Lower Upper

92 100

91 176.2 136.6 204.8



#62

4-Bromofluorobenzene

Concen: 43.790 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012653.D

Acq: 05 Sep 2019 20:36

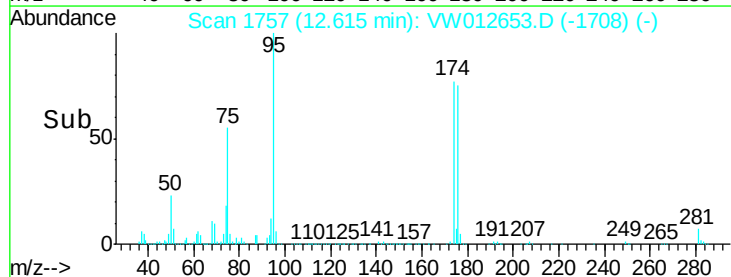
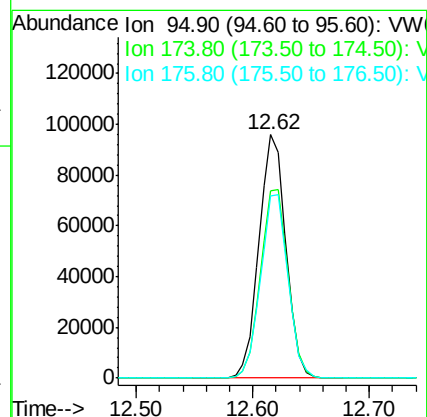
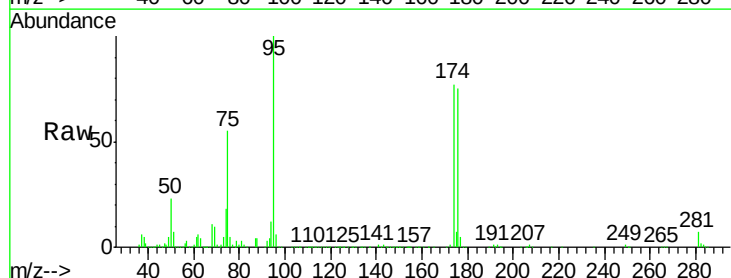
Tgt Ion: 95 Resp: 155267

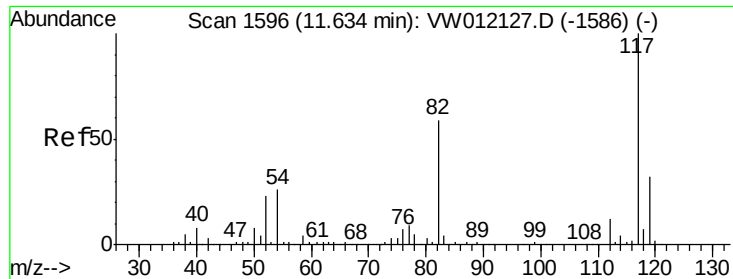
Ion Ratio Lower Upper

95 100

174 79.4 0.0 150.8

176 76.7 0.0 148.6

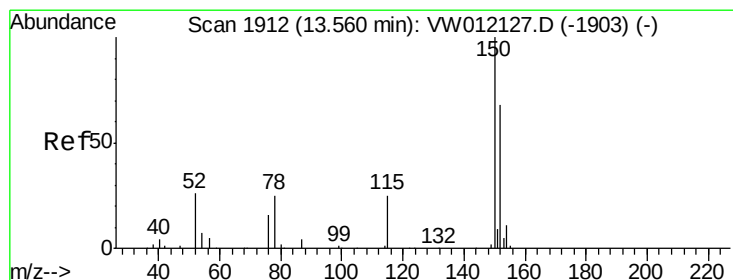
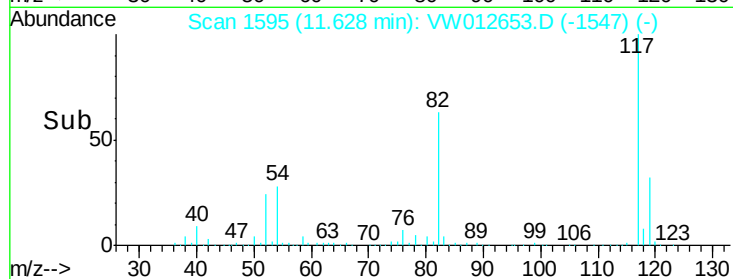
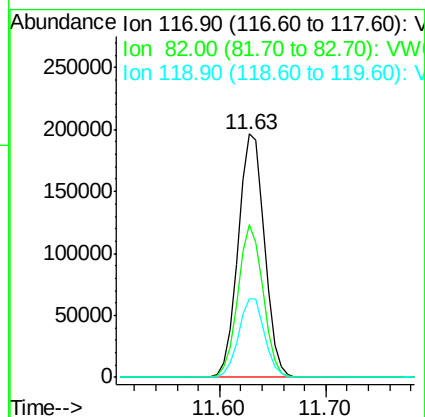
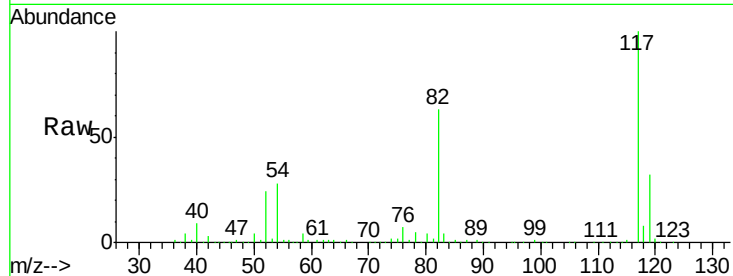




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012653.D
Acq: 05 Sep 2019 20:36

Instrument :
MSVOA_W
ClientSampleId :
PAR-12-A4-(0)

Tot Ion:117 Resp: 341338
Ion Ratio Lower Upper
117 100
82 62.6 47.4 71.2
119 32.5 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW012653.D
Acq: 05 Sep 2019 20:36

Tgt Ion:152 Resp: 132271
Ion Ratio Lower Upper
152 100
115 60.2 30.1 90.3
150 157.7 0.0 345.8

