

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090819\
 Data File : VW012781.D
 Acq On : 08 Sep 2019 20:19
 Operator : SY/VA
 Sample : K4603-19
 Misc : 2.27G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PAR-12-F4-(3.11)

Quant Time: Sep 09 08:18:14 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

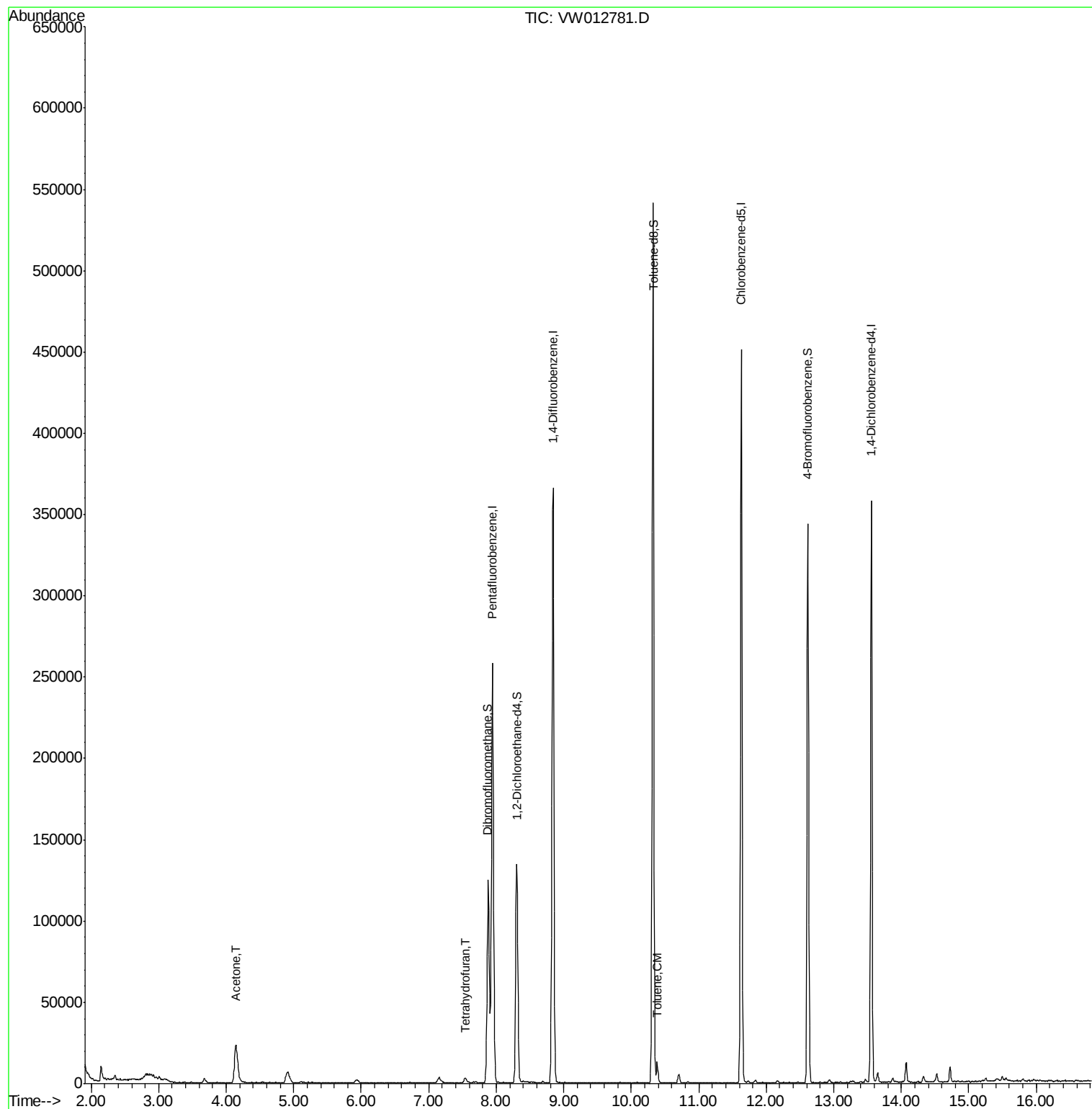
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	192687	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	292195	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	236094	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	93491	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	111882	51.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.94%	
35) Dibromofluoromethane	7.88	113	87755	50.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.04%	
50) Toluene-d8	10.32	98	342187	50.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.56%	
62) 4-Bromofluorobenzene	12.62	95	102607	41.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.06%	
Target Compounds						
16) Acetone	4.15	43	53389	90.962	ug/l	94
29) Tetrahydrofuran	7.53	42	2575	5.433	ug/l #	68
52) Toluene	10.39	92	4634	1.031	ug/l	96

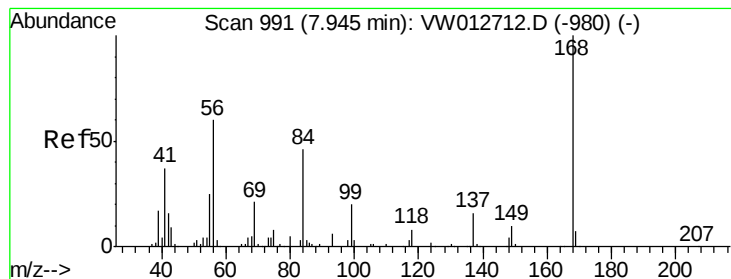
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW012781.D

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Instrument :

MSVOA_W

ClientSampleId :

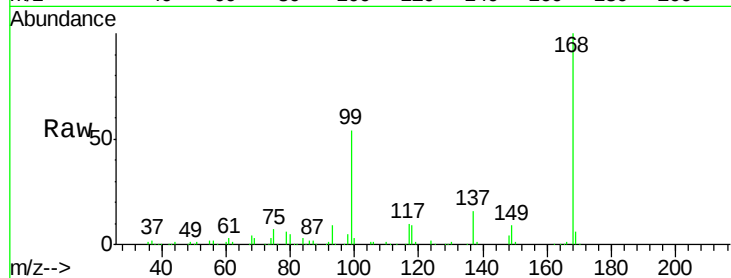
PAR-12-F4-(3.11)

Tot Ion:168 Resp: 192687

Ion Ratio Lower Upper

168 100

99 54.0 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

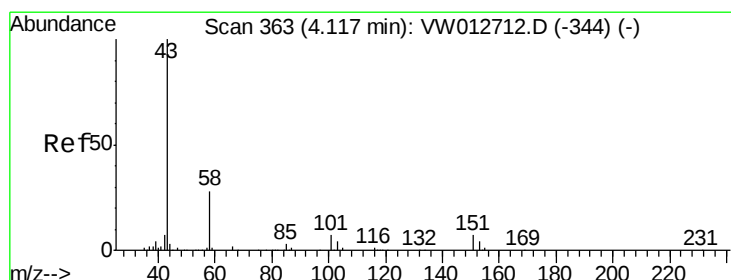
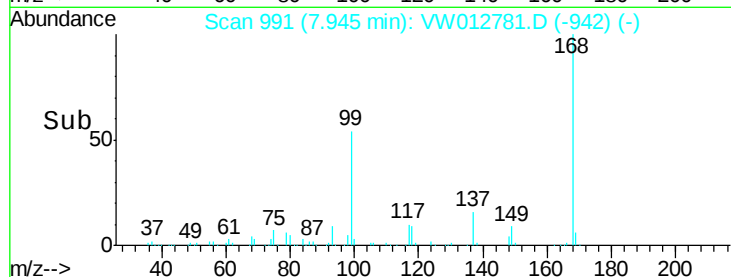
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 90.962 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.03 min

Lab File: VW012781.D

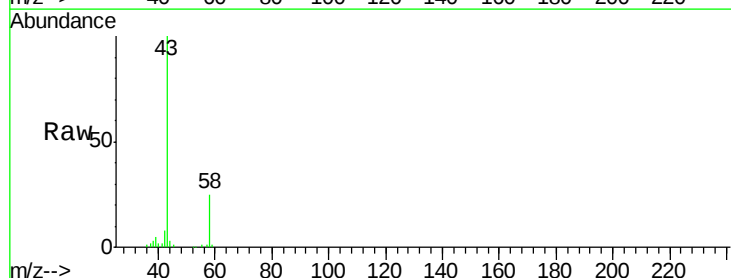
Acq: 08 Sep 2019 20:19

Tgt Ion: 43 Resp: 53389

Ion Ratio Lower Upper

43 100

58 25.2 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

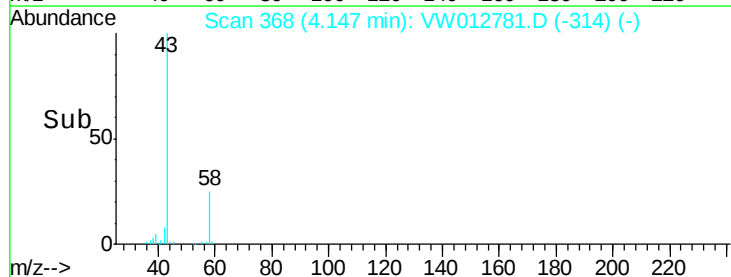
15000

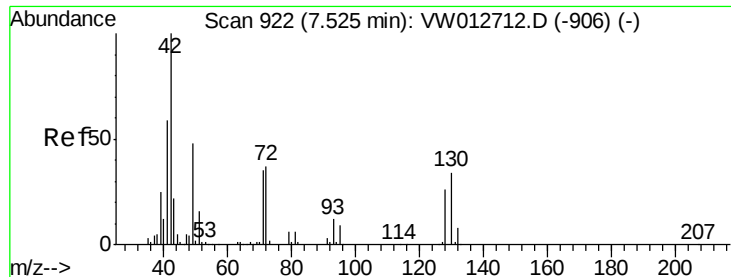
10000

5000

0

Time--> 4.00 4.10 4.20 4.30

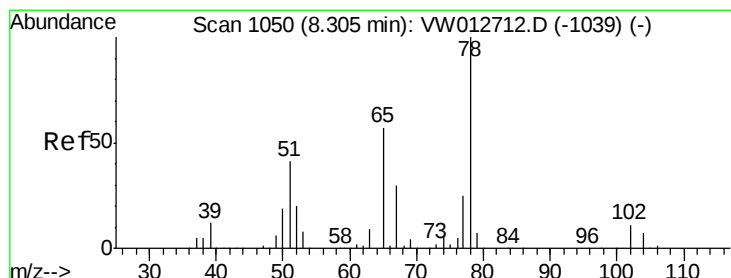
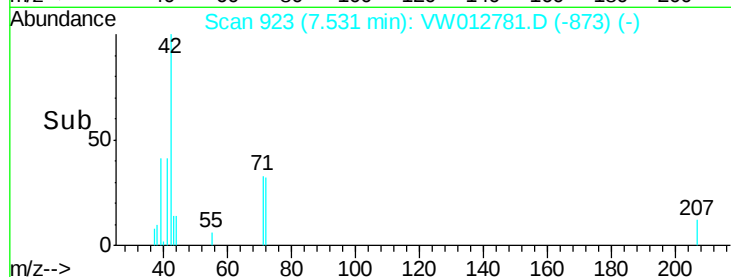
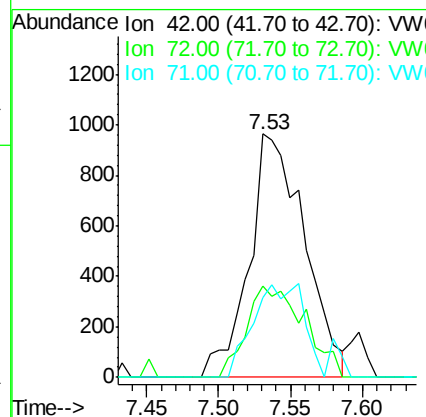
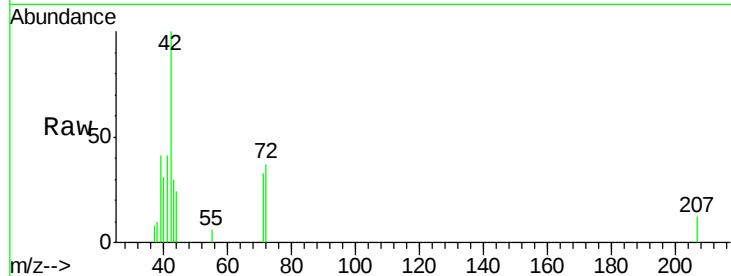




#29
Tetrahydrofuran
Concen: 5.433 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW012781.D
Acq: 08 Sep 2019 20:19

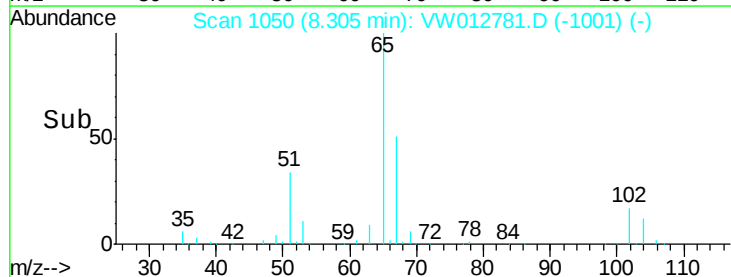
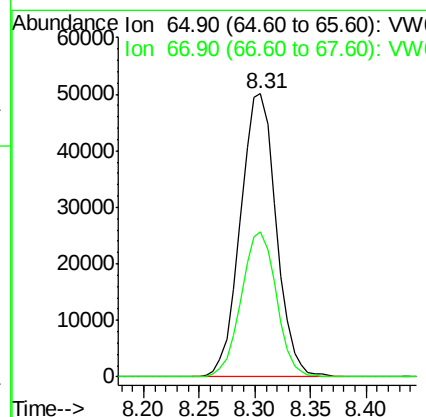
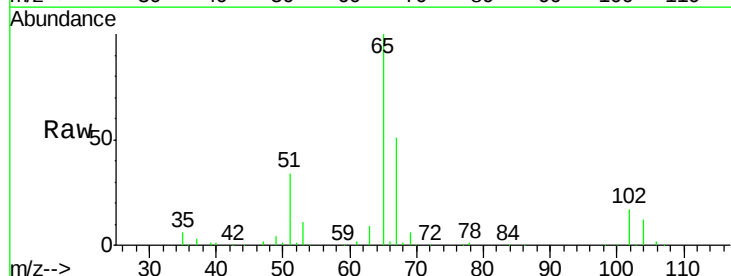
Instrument :
MSVOA_W
ClientSampleId :
PAR-12-F4-(3.11)

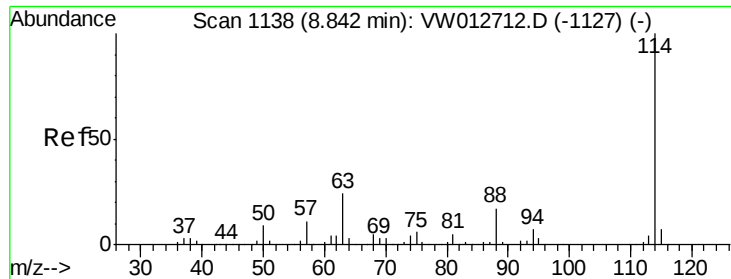
Tot Ion: 42 Resp: 2575
Ion Ratio Lower Upper
42 100
72 39.0 28.4 42.6
71 0.0 27.1 40.7#



#33
1,2-Dichloroethane-d4
Concen: 51.967 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW012781.D
Acq: 08 Sep 2019 20:19

Tgt Ion: 65 Resp: 111882
Ion Ratio Lower Upper
65 100
67 50.4 0.0 101.8

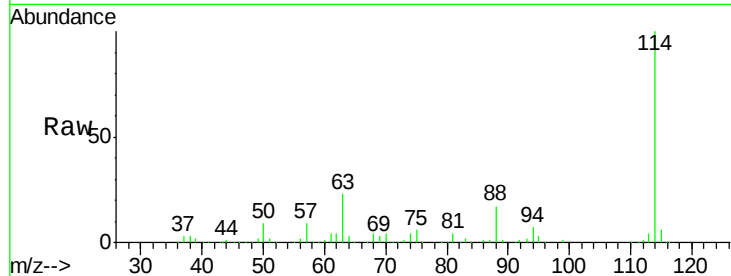




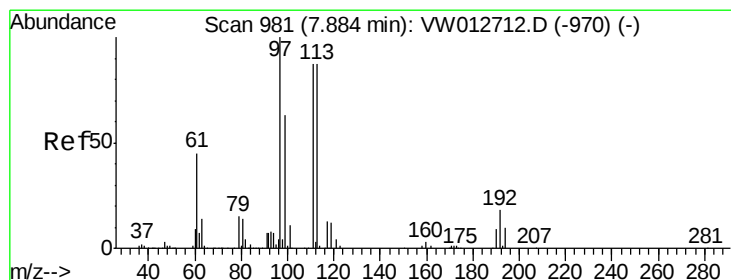
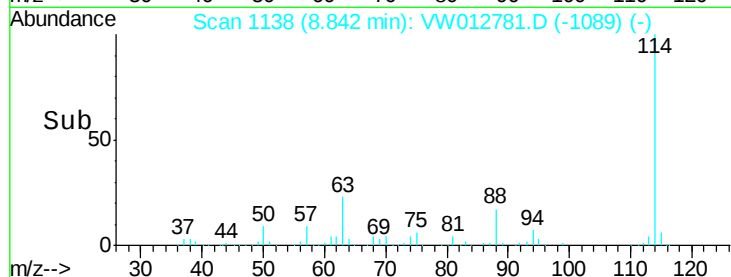
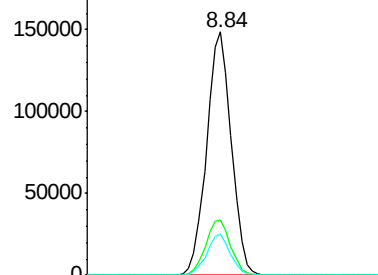
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW012781.D
 Acq: 08 Sep 2019 20:19

Instrument :
 MSVOA_W
 ClientSampleId :
 PAR-12-F4-(3.11)

Tot Ion:114	Resp:	292195
Ion Ratio	Lower	Upper
114 100		
63 22.8	0.0	47.2
88 16.8	0.0	34.0

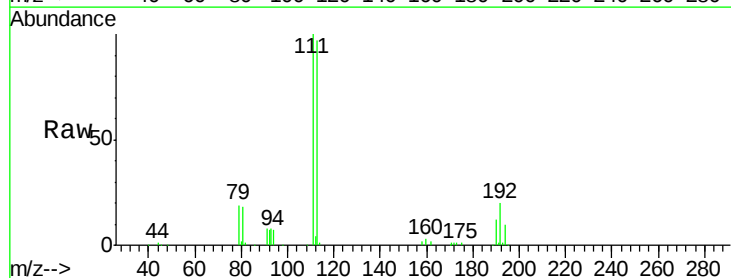


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

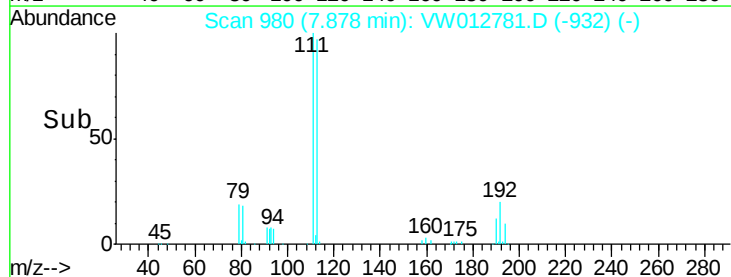
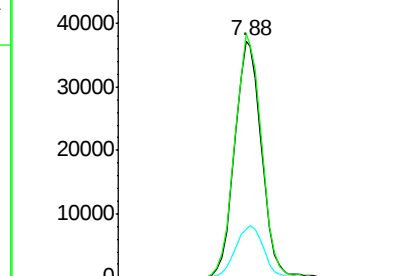


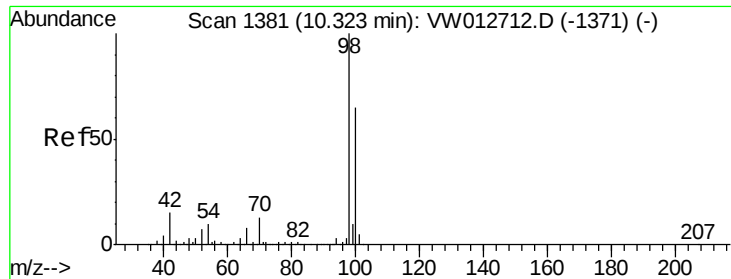
#35
 Dibromofluoromethane
 Concen: 50.516 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012781.D
 Acq: 08 Sep 2019 20:19

Tgt Ion:113	Resp:	87755
Ion Ratio	Lower	Upper
113 100		
111 102.9	80.2	120.4
192 22.6	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: 50.278 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW012781.D

Acq: 08 Sep 2019 20:19

Instrument :

MSVOA_W

ClientSampleId :

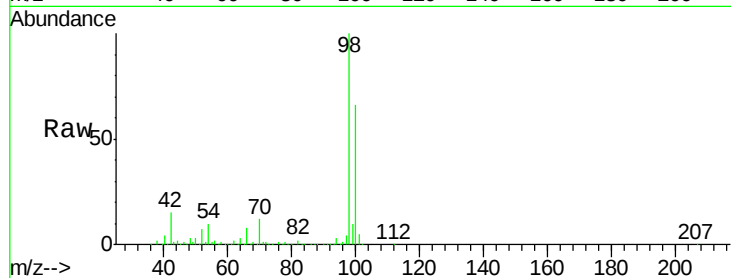
PAR-12-F4-(3.11)

Tot Ion: 98 Resp: 342187

Ion Ratio Lower Upper

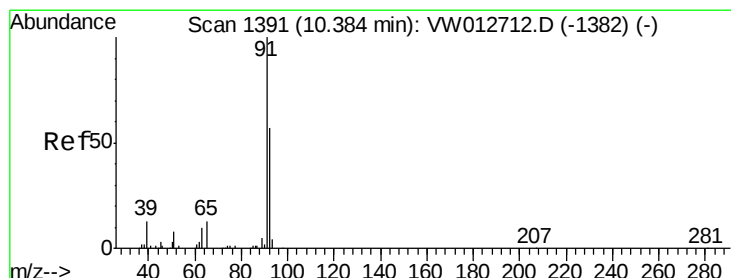
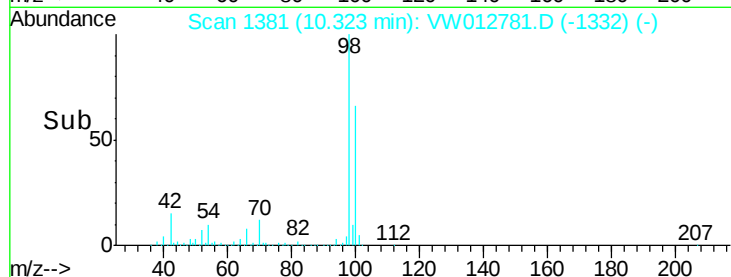
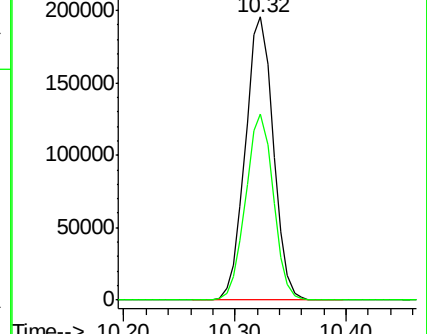
98 100

100 65.0 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#52

Toluene

Concen: 1.031 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW012781.D

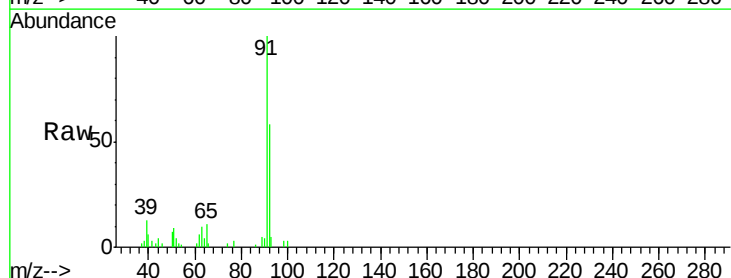
Acq: 08 Sep 2019 20:19

Tgt Ion: 92 Resp: 4634

Ion Ratio Lower Upper

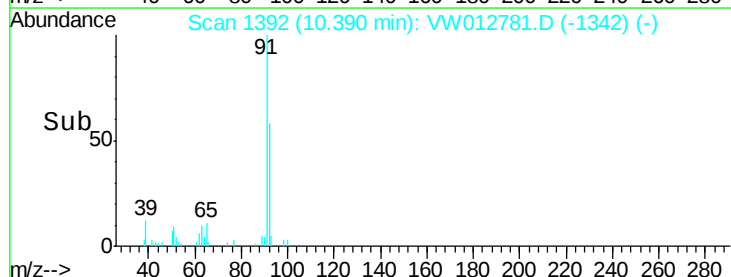
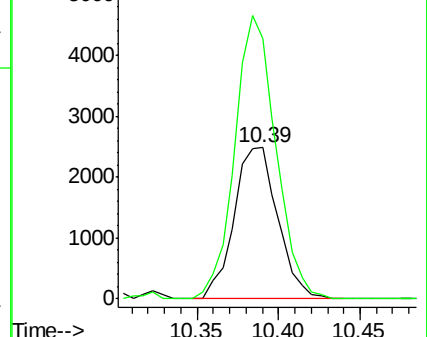
92 100

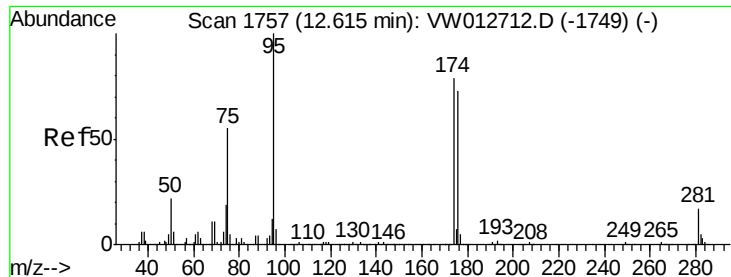
91 176.1 137.0 205.4



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

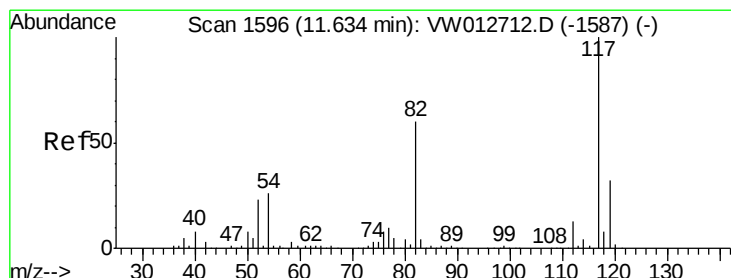
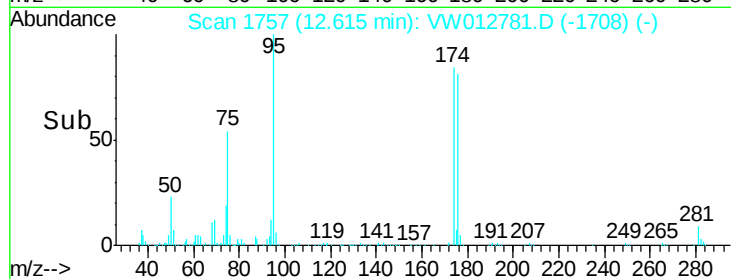
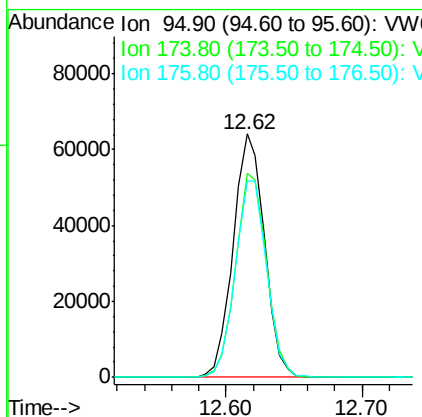
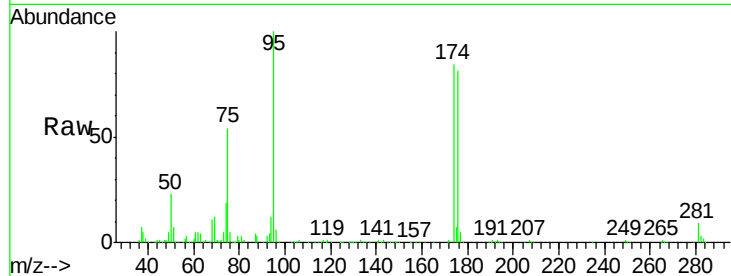




#62
4-Bromofluorobenzene
Concen: 41.529 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW012781.D
Acq: 08 Sep 2019 20:19

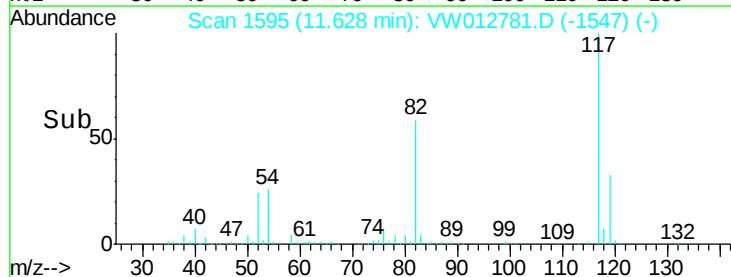
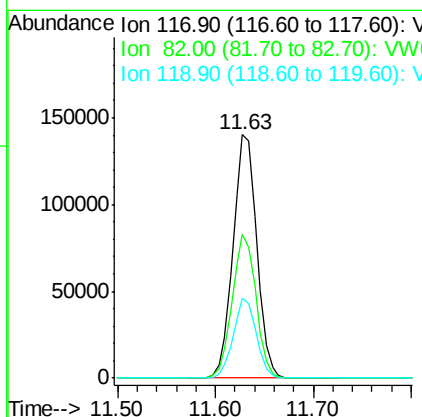
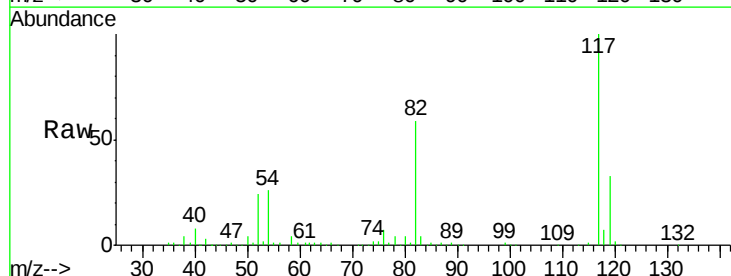
Instrument :
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ClientSampleId :
PAR-12-F4-(3.11)

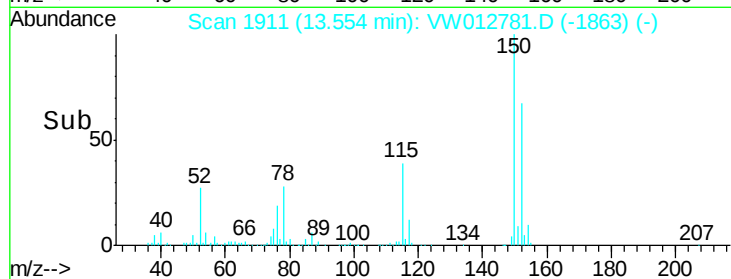
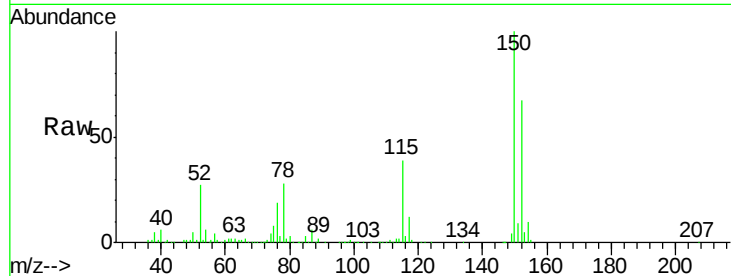
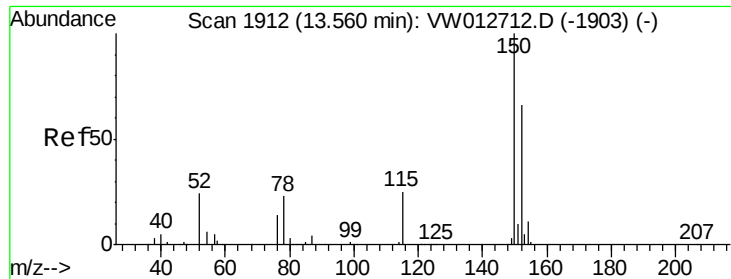
Tot Ion	95	Resp	102607
Ion Ratio	Lower	Upper	
95	100		
174	83.1	0.0	161.0
176	81.4	0.0	156.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012781.D
Acq: 08 Sep 2019 20:19

Tgt Ion	117	Resp	236094
Ion Ratio	Lower	Upper	
117	100		
82	59.1	48.2	72.4
119	32.9	25.8	38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. -0.01 min

Lab File: VW012781.D

Acq: 08 Sep 2019 20:19

Instrument :

MSVOA_W

ClientSampleId :

PAR-12-F4-(3.11)

Tot Ion:152 Resp: 93491

Ion Ratio Lower Upper

152 100

115 58.2 30.0 90.1

150 154.9 0.0 349.0

