

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090819\
 Data File : VW012773.D
 Acq On : 08 Sep 2019 16:53
 Operator : SY/VA
 Sample : K4603-10
 Misc : 5.45G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PAR-E4-(3.11)

Quant Time: Sep 09 07:43:03 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

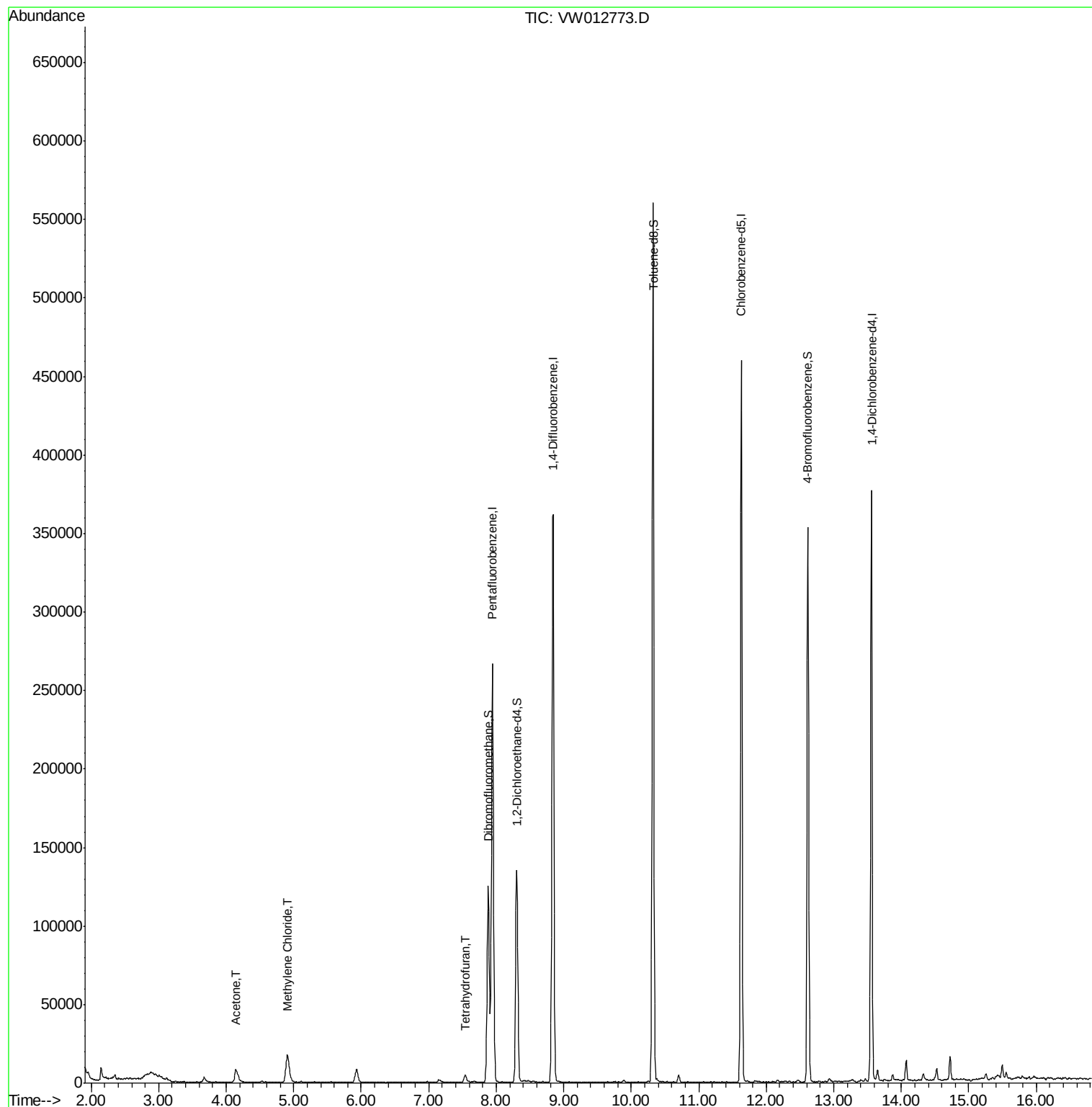
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	199646	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	299927	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	246178	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	97077	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	116812	52.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.74%	
35) Dibromofluoromethane	7.88	113	90213	50.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.18%	
50) Toluene-d8	10.32	98	351471	50.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.62%	
62) 4-Bromofluorobenzene	12.62	95	107154	42.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.50%	
Target Compounds						
16) Acetone	4.14	43	17392	28.599	ug/l	99
20) Methylene Chloride	4.92	84	13828	7.268	ug/l #	79
29) Tetrahydrofuran	7.54	42	4149	8.448	ug/l	96

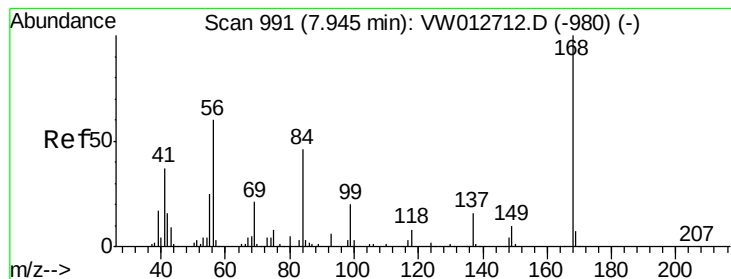
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW012773.D

Acq: 08 Sep 2019 16:53

Instrument :

MSVOA_W

ClientSampleId :

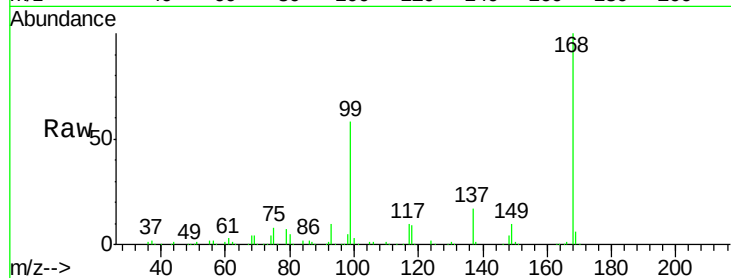
PAR-E4-(3.11)

Tot Ion:168 Resp: 199646

Ion Ratio Lower Upper

168 100

99 58.4 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

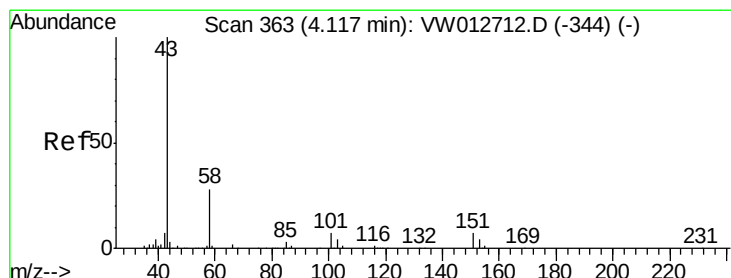
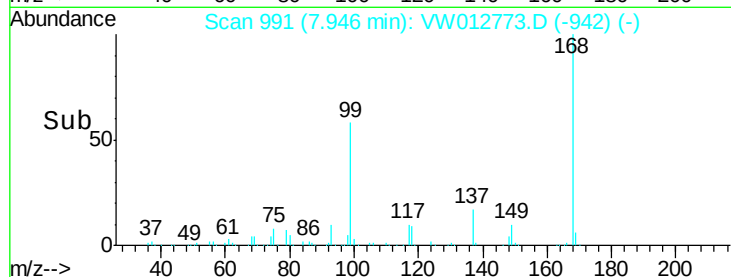
60000

40000

20000

0

Time--> 7.80 7.90 8.00



#16

Acetone

Concen: 28.599 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW012773.D

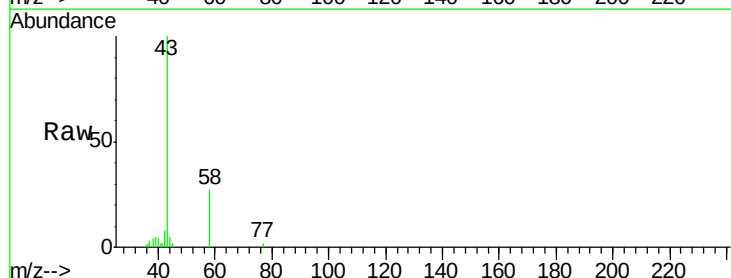
Acq: 08 Sep 2019 16:53

Tgt Ion: 43 Resp: 17392

Ion Ratio Lower Upper

43 100

58 27.5 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

6000

5000

4000

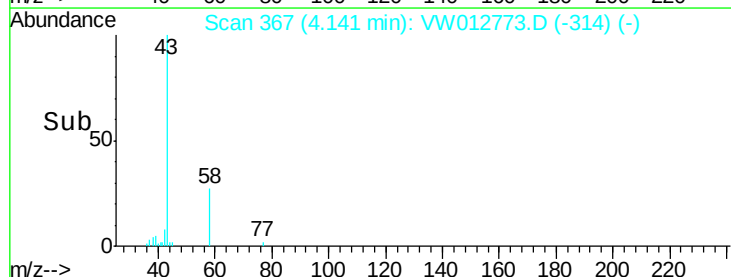
3000

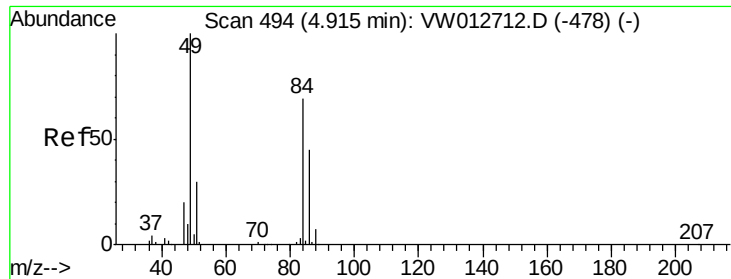
2000

1000

0

Time--> 4.00 4.10 4.20 4.30

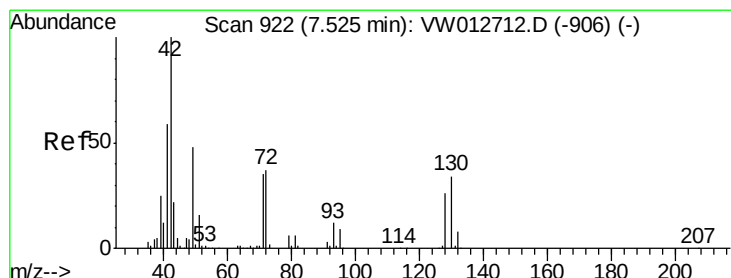
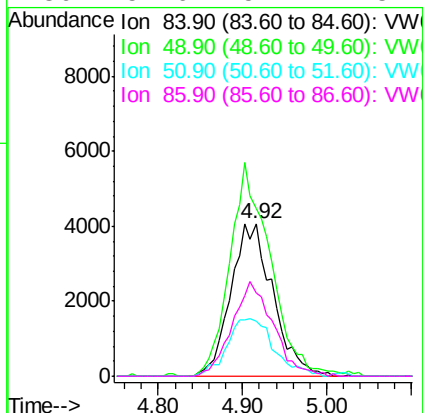
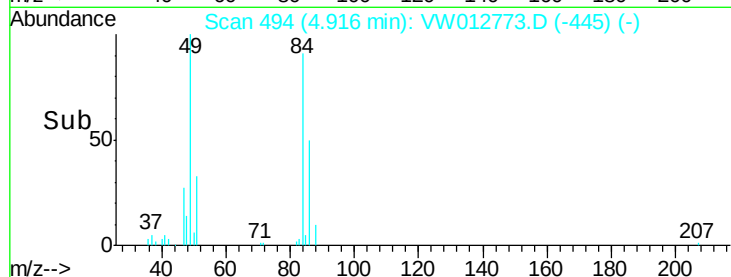
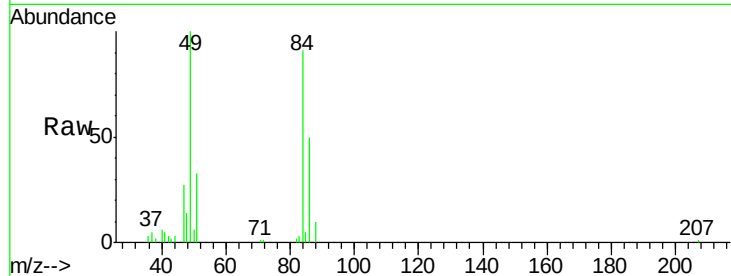




#20
Methylene Chloride
Concen: 7.268 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW012773.D
Acq: 08 Sep 2019 16:53

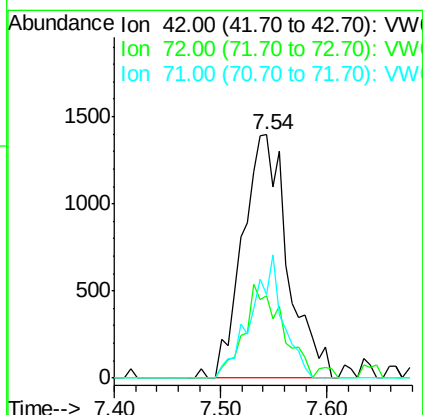
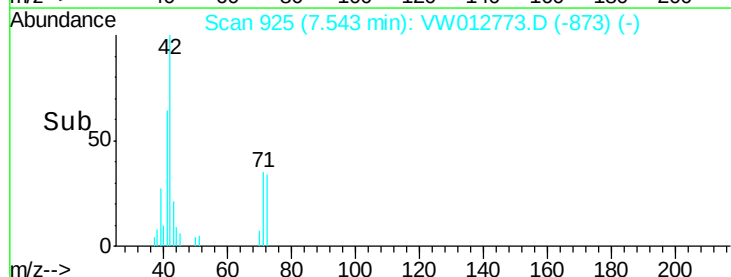
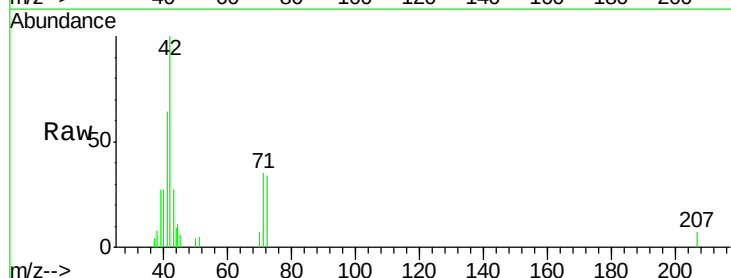
Instrument :
MSVOA_W
ClientSampled :
PAR-E4-(3.11)

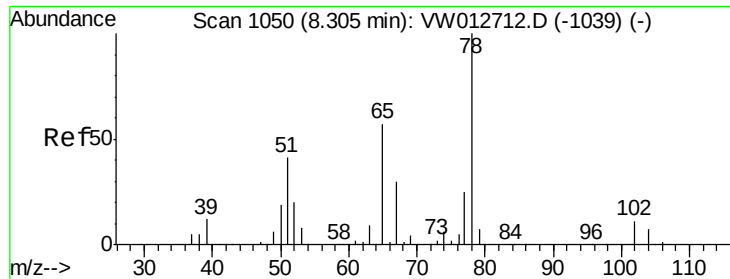
Tot Ion: 84 Resp: 13828
Ion Ratio Lower Upper
84 100
49 110.1 115.4 173.0#
51 35.9 34.9 52.3
86 54.6 52.2 78.4



#29
Tetrahydrofuran
Concen: 8.448 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.02 min
Lab File: VW012773.D
Acq: 08 Sep 2019 16:53

Tgt Ion: 42 Resp: 4149
Ion Ratio Lower Upper
42 100
72 32.4 28.4 42.6
71 35.8 27.1 40.7

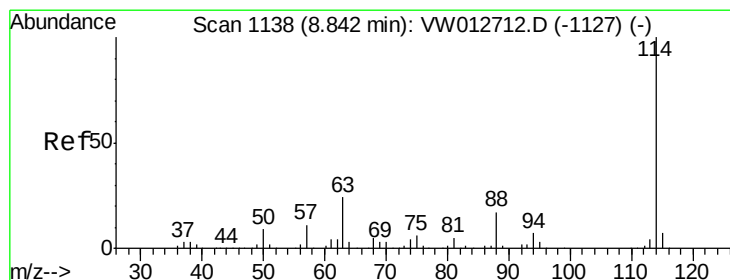
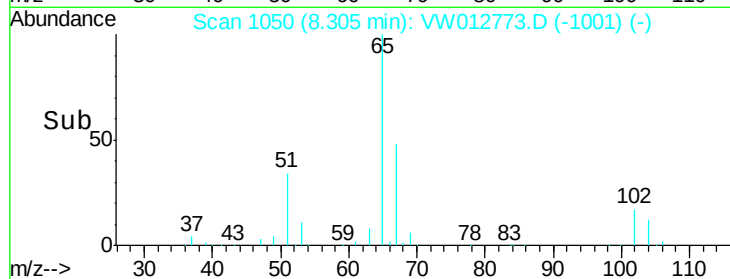
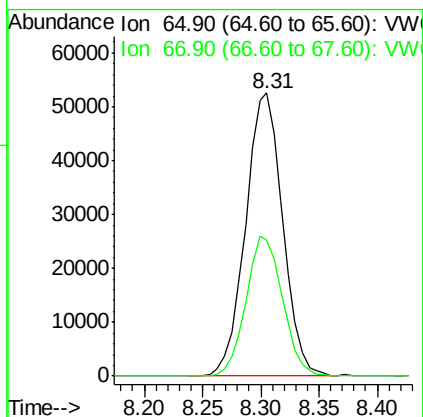
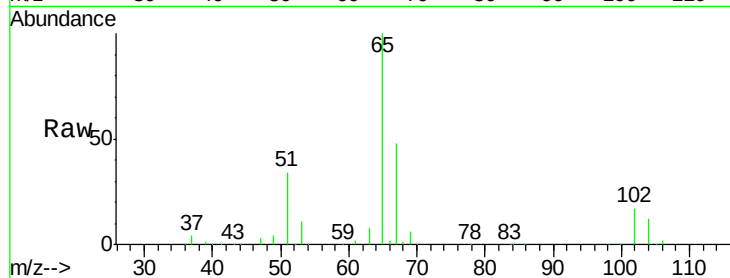




#33
 1,2-Dichloroethane-d4
 Concen: 52.365 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW012773.D
 Acq: 08 Sep 2019 16:53

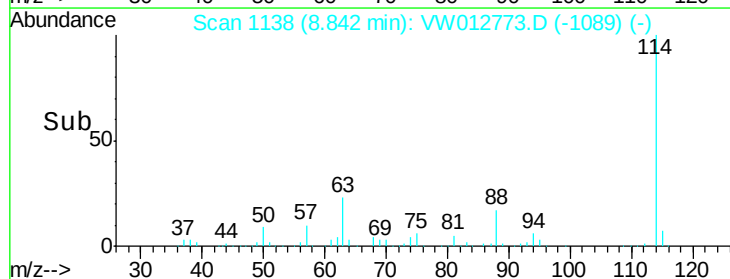
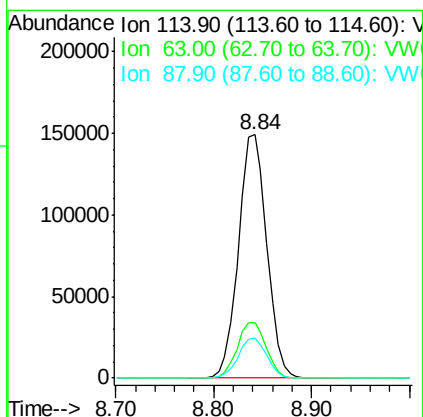
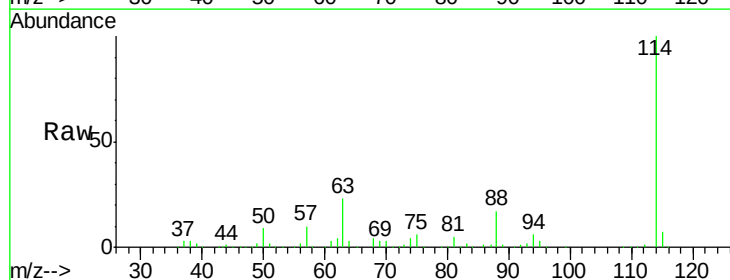
Instrument :
 MSVOA_W
 ClientSampleId :
 PAR-E4-(3.11)

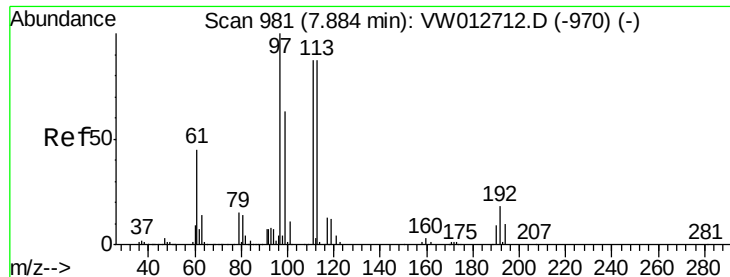
Tot Ion: 65 Resp: 116812
 Ion Ratio Lower Upper
 65 100
 67 48.9 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW012773.D
 Acq: 08 Sep 2019 16:53

Tgt Ion: 114 Resp: 299927
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 47.2
 88 16.5 0.0 34.0

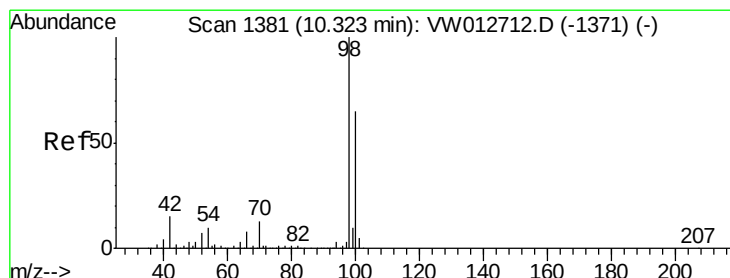
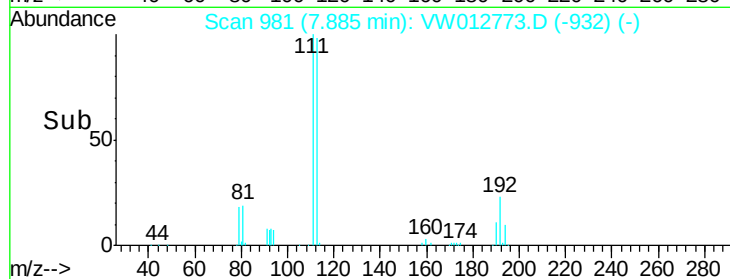
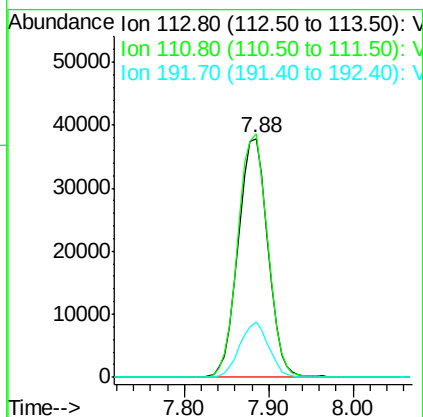
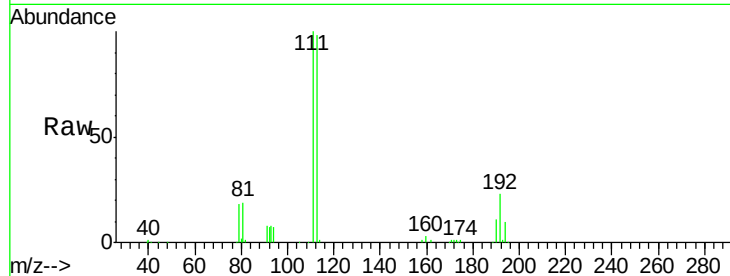




#35
Dibromofluoromethane
Concen: 50.592 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW012773.D
Acq: 08 Sep 2019 16:53

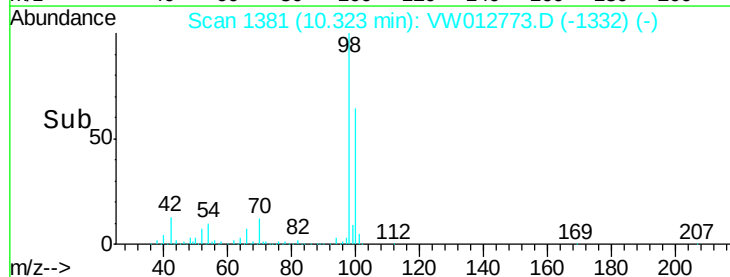
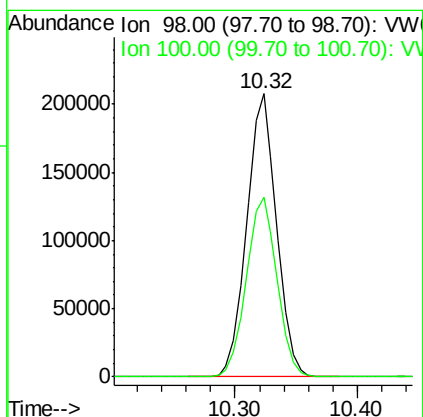
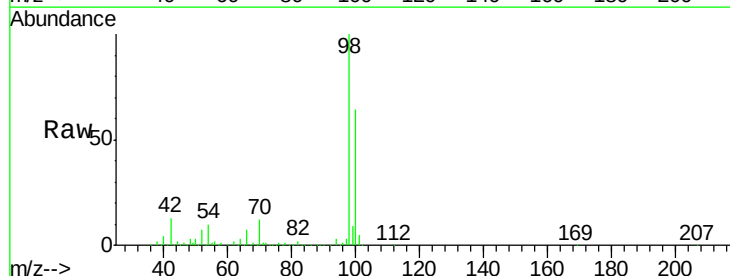
Instrument :
MSVOA_W
ClientSampleId :
PAR-E4-(3.11)

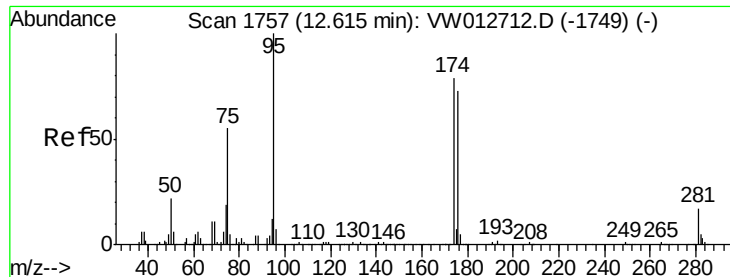
Tot Ion	Ion	Ratio	Lower	Upper
113	100			
111	102.0	80.2	120.4	
192	22.5	17.3	25.9	



#50
Toluene-d8
Concen: 50.311 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW012773.D
Acq: 08 Sep 2019 16:53

Tgt Ion	Ion	Ratio	Lower	Upper
98	100			
100	65.2	52.2	78.4	





#62

4-Bromofluorobenzene

Concen: 42.251 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW012773.D

Acq: 08 Sep 2019 16:53

Instrument :

MSVOA_W

ClientSampleId :

PAR-E4-(3.11)

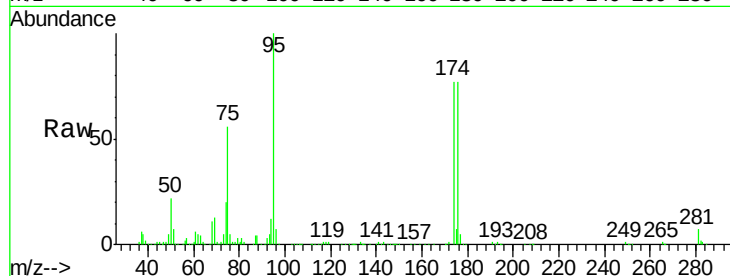
Tot Ion: 95 Resp: 107154

Ion Ratio Lower Upper

95 100

174 82.1 0.0 161.0

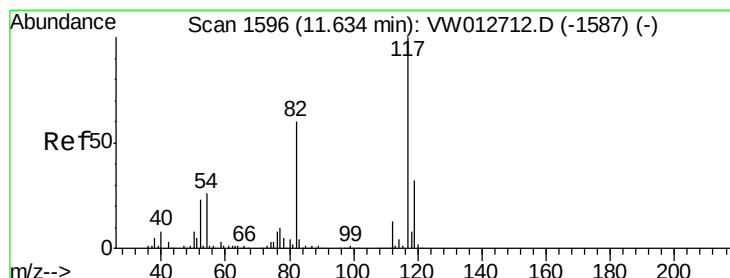
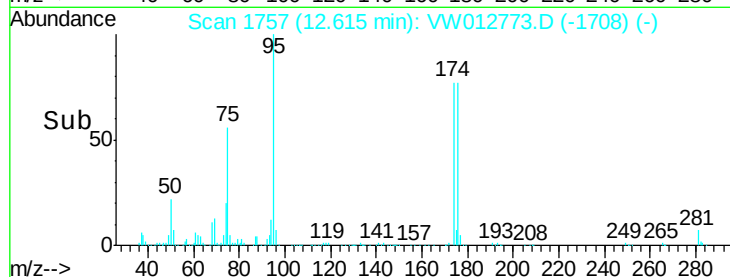
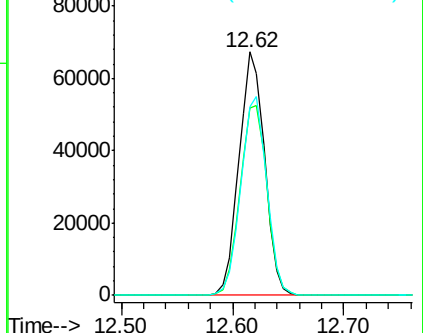
176 82.8 0.0 156.4



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.01 min

Lab File: VW012773.D

Acq: 08 Sep 2019 16:53

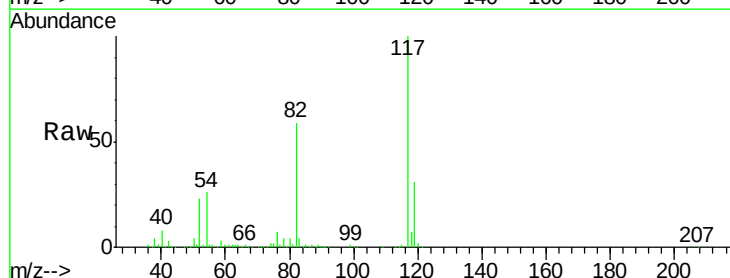
Tgt Ion: 117 Resp: 246178

Ion Ratio Lower Upper

117 100

82 59.0 48.2 72.4

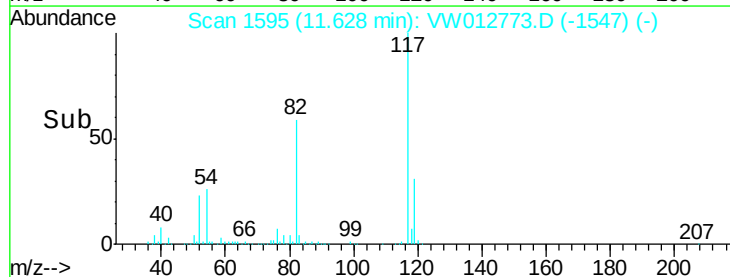
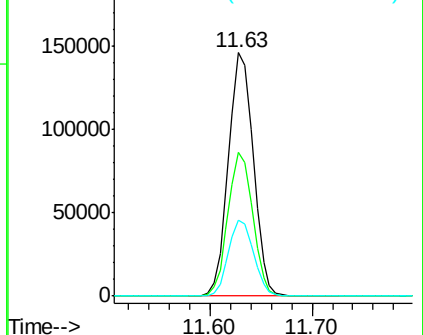
119 31.2 25.8 38.6

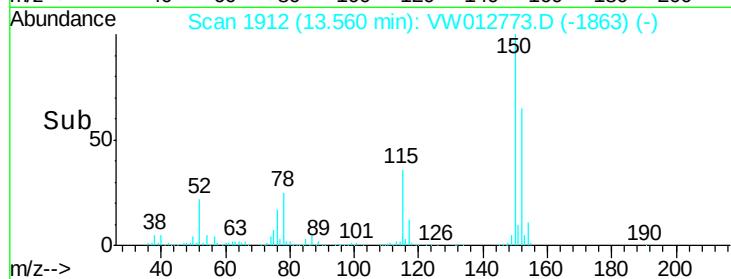
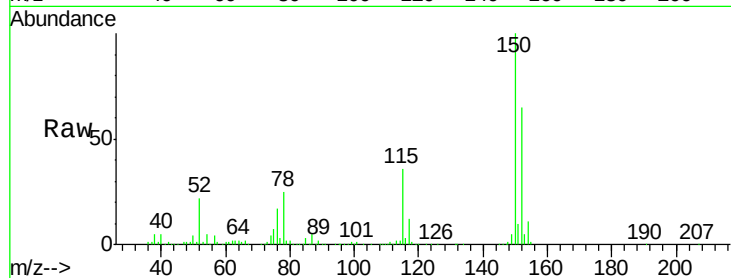
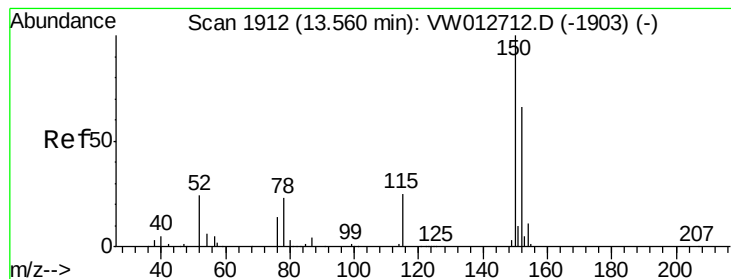


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW012773.D

Acq: 08 Sep 2019 16:53

Instrument :

MSVOA_W

ClientSampleId :

PAR-E4-(3.11)

Tot Ion:152 Resp: 97077

Ion Ratio Lower Upper

152 100

115 59.1 30.0 90.1

150 158.0 0.0 349.0

