

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090819\
 Data File : VW012790.D
 Acq On : 09 Sep 2019 00:49
 Operator : SY/VA
 Sample : K4623-01
 Misc : 5.30G/5ML/MSVOA W/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PAR-11-C2-(0)

Quant Time: Sep 09 07:36:57 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

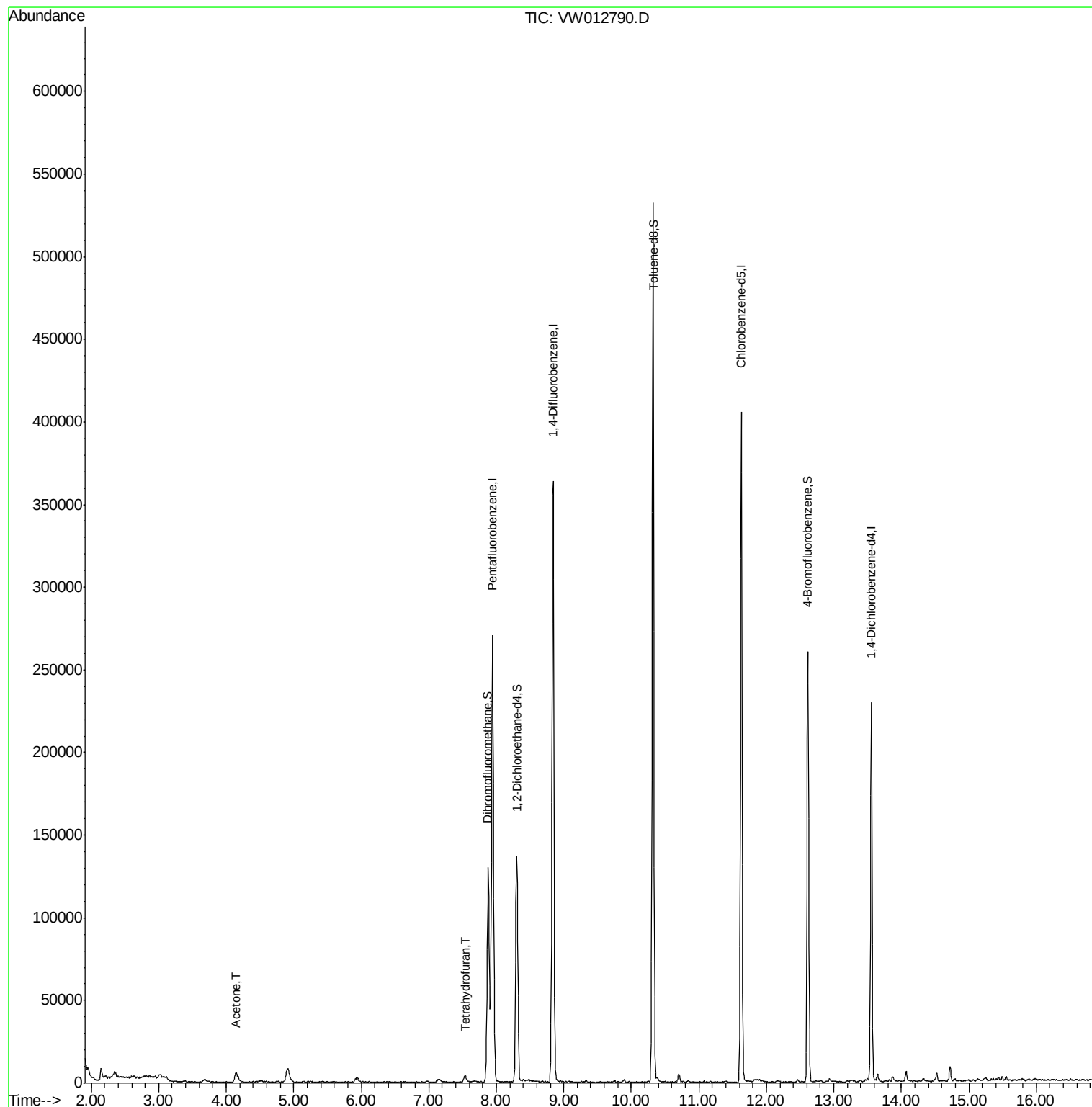
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	199293	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	290041	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	212108	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	60274	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	114694	51.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.02%	
35) Dibromofluoromethane	7.88	113	93101	53.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.98%	
50) Toluene-d8	10.32	98	338724	50.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.28%	
62) 4-Bromofluorobenzene	12.62	95	80475	32.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	65.62%	
Target Compounds						
16) Acetone	4.15	43	12913	21.271	ug/l	93
29) Tetrahydrofuran	7.53	42	3422	6.980	ug/l	93

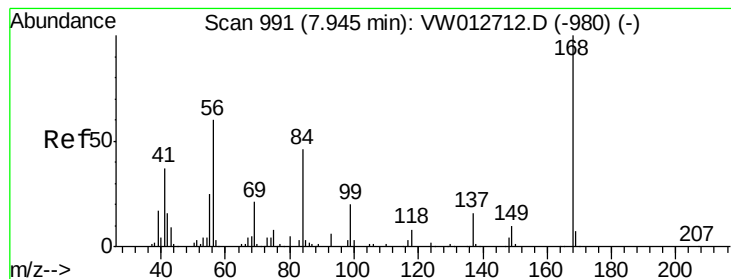
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW012790.D

Acq: 09 Sep 2019 00:49

Instrument :

MSVOA_W

ClientSampleId :

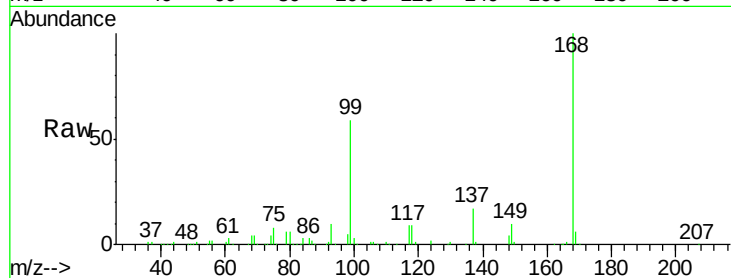
PAR-11-C2-(0)

Tot Ion:168 Resp: 199293

Ion Ratio Lower Upper

168 100

99 59.2 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

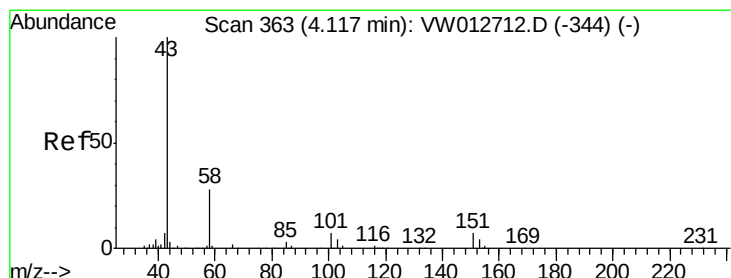
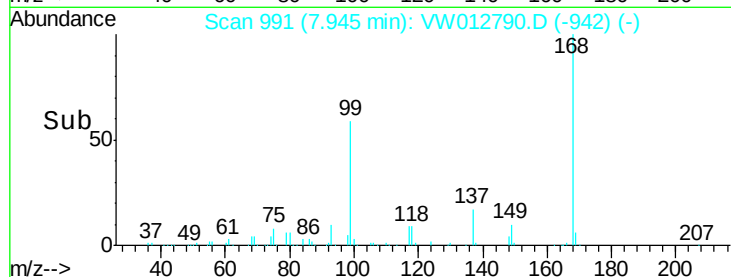
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 21.271 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.03 min

Lab File: VW012790.D

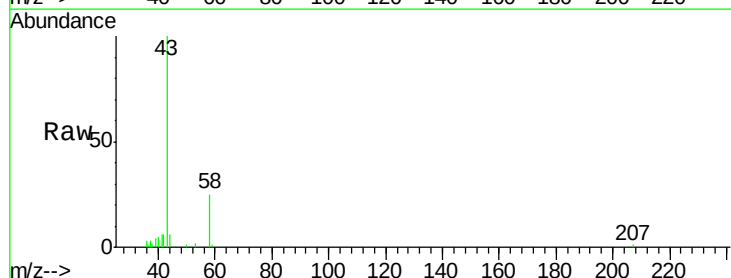
Acq: 09 Sep 2019 00:49

Tgt Ion: 43 Resp: 12913

Ion Ratio Lower Upper

43 100

58 24.6 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

4000

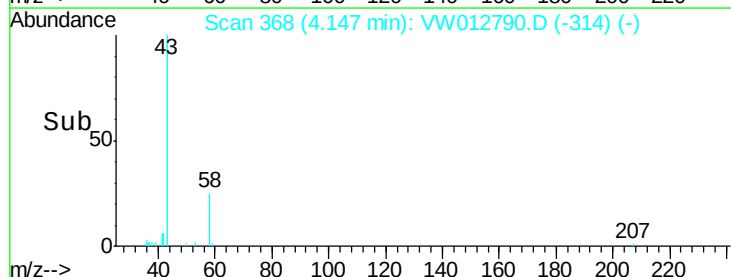
3000

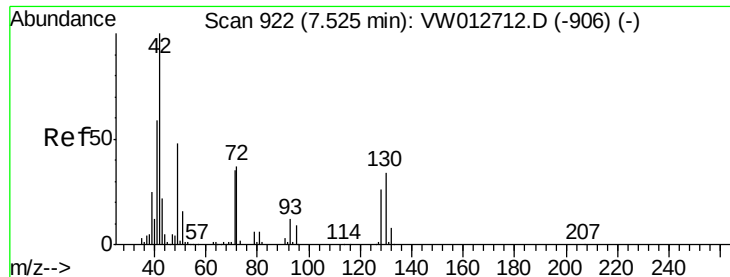
2000

1000

0

Time-->

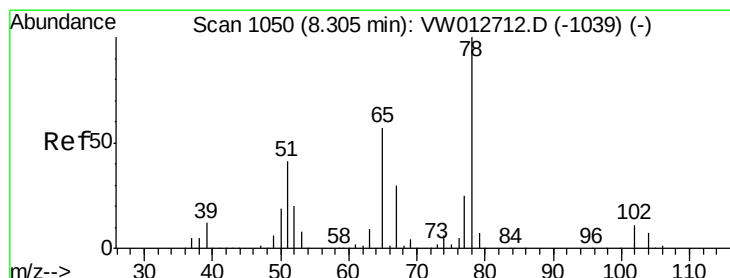
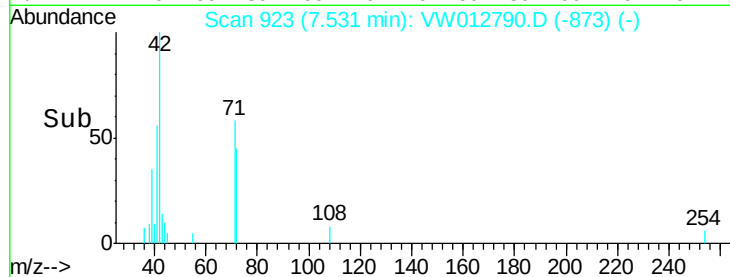
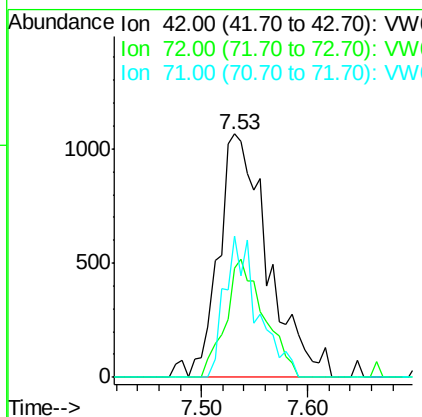
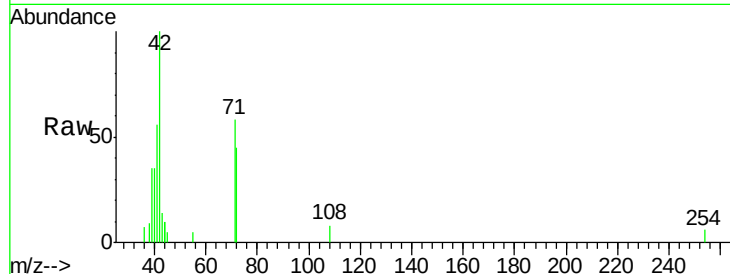




#29
Tetrahydrofuran
Concen: 6.980 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW012790.D
Acq: 09 Sep 2019 00:49

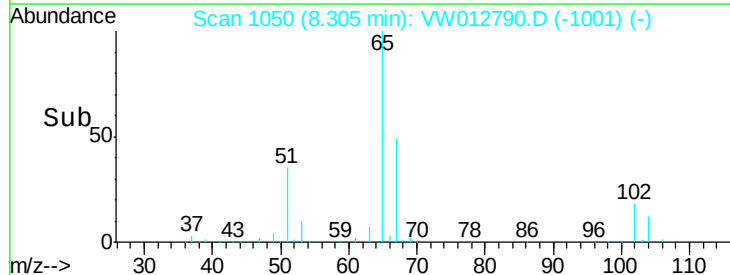
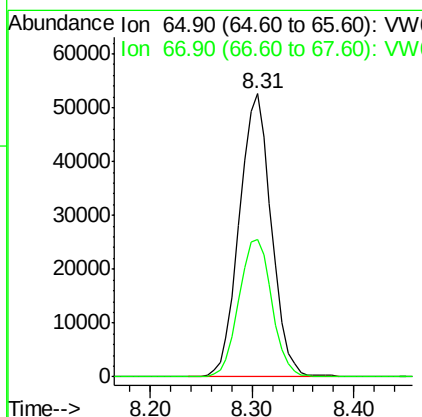
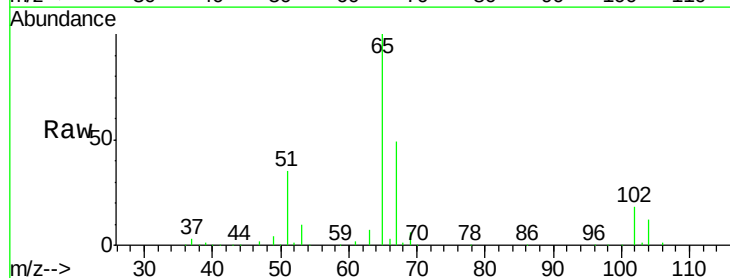
Instrument :
MSVOA_W
ClientSampled :
PAR-11-C2-(0)

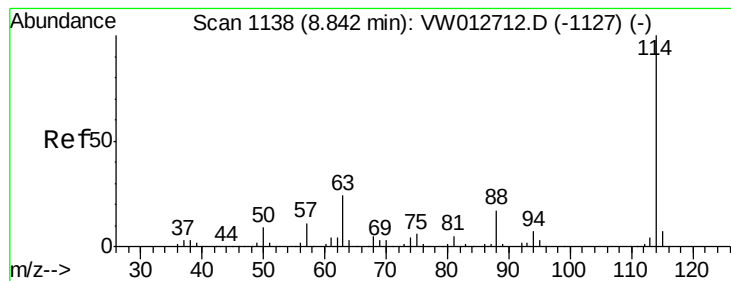
Tot Ion: 42 Resp: 3422
Ion Ratio Lower Upper
42 100
72 38.1 28.4 42.6
71 39.6 27.1 40.7



#33
1,2-Dichloroethane-d4
Concen: 51.507 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW012790.D
Acq: 09 Sep 2019 00:49

Tgt Ion: 65 Resp: 114694
Ion Ratio Lower Upper
65 100
67 50.2 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: VW012790.D

Acq: 09 Sep 2019 00:49

Instrument :

MSVOA_W

ClientSampleId :

PAR-11-C2-(0)

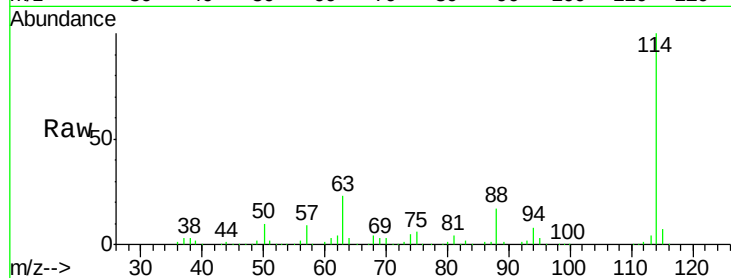
Tot Ion:114 Resp: 290041

Ion Ratio Lower Upper

114 100

63 23.3 0.0 47.2

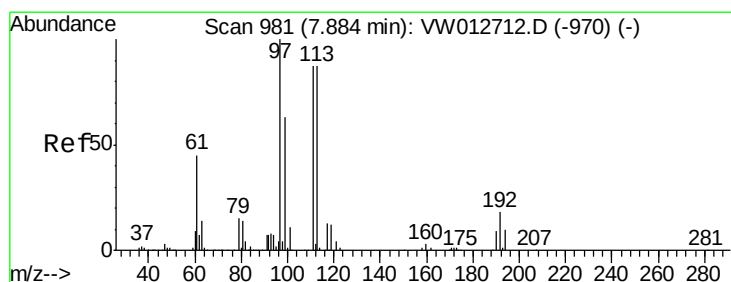
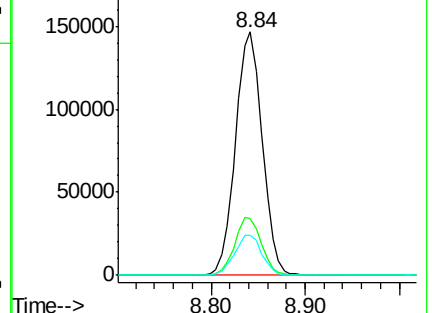
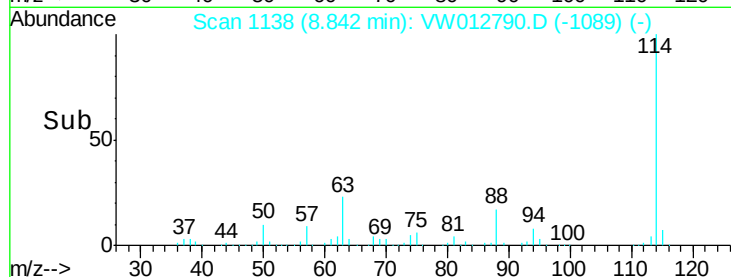
88 16.6 0.0 34.0



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: 53.991 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW012790.D

Acq: 09 Sep 2019 00:49

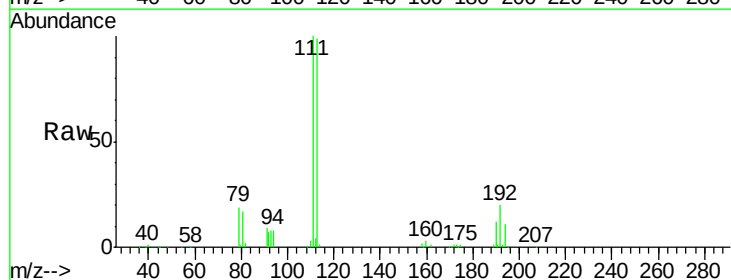
Tgt Ion:113 Resp: 93101

Ion Ratio Lower Upper

113 100

111 99.8 80.2 120.4

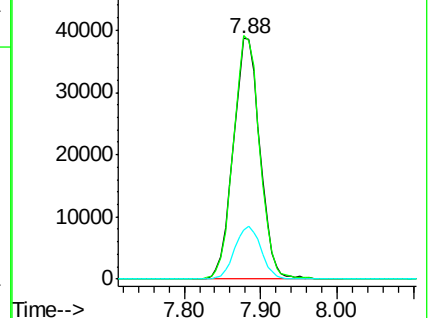
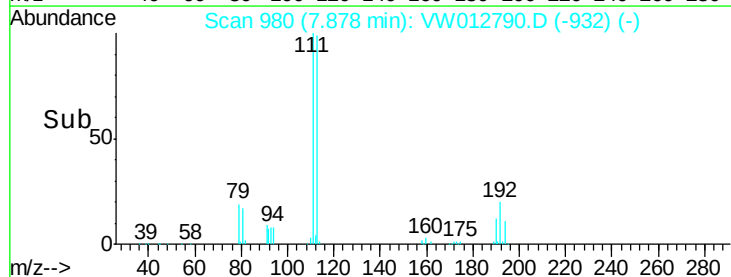
192 21.6 17.3 25.9

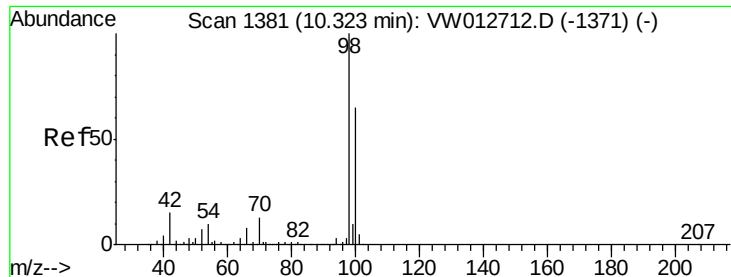


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.139 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW012790.D

Acq: 09 Sep 2019 00:49

Instrument :

MSVOA_W

ClientSampleId :

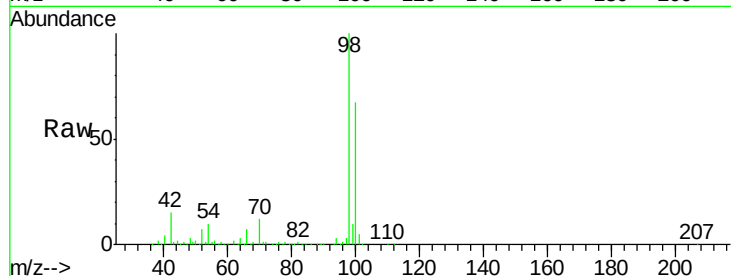
PAR-11-C2-(0)

Tot Ion: 98 Resp: 338724

Ion Ratio Lower Upper

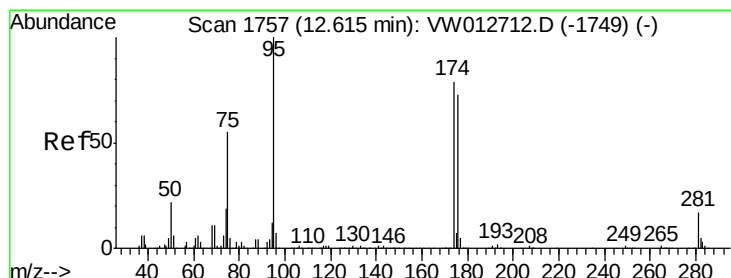
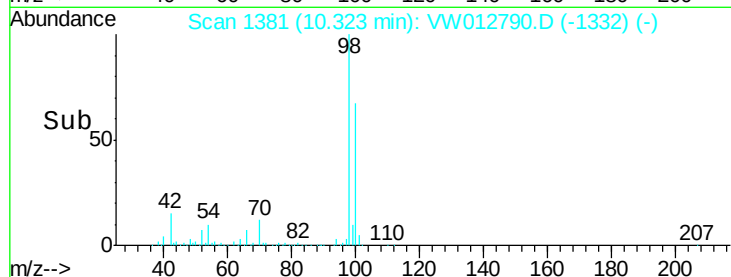
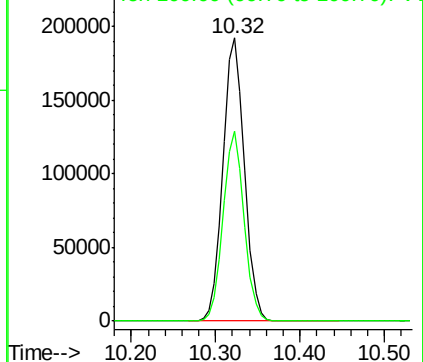
98 100

100 65.6 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: 32.813 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW012790.D

Acq: 09 Sep 2019 00:49

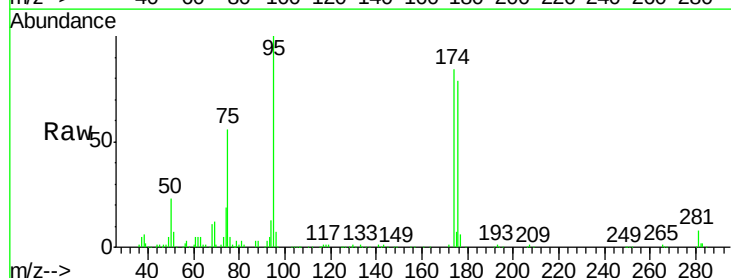
Tgt Ion: 95 Resp: 80475

Ion Ratio Lower Upper

95 100

174 83.6 0.0 161.0

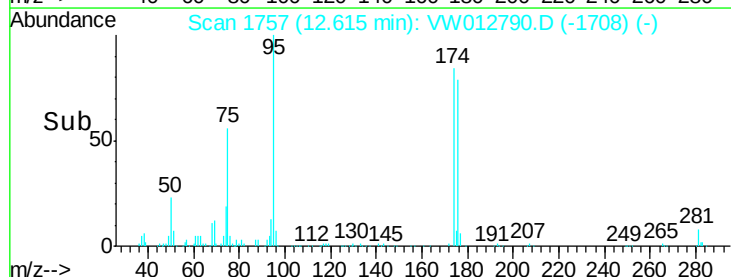
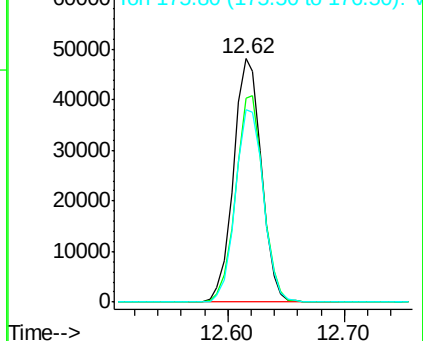
176 79.6 0.0 156.4

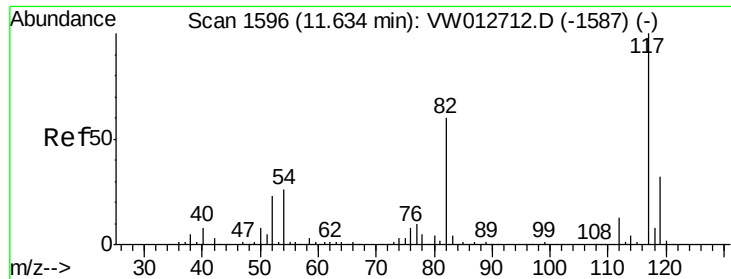


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

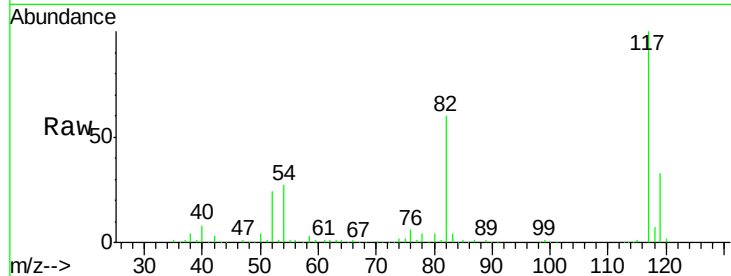




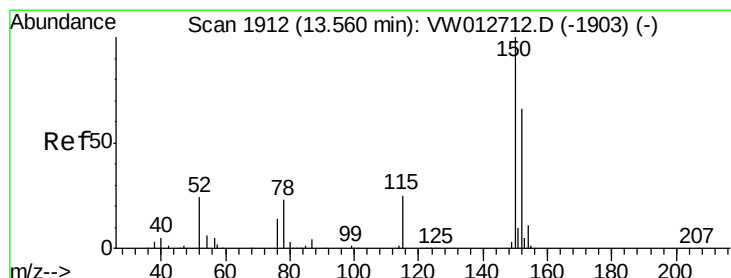
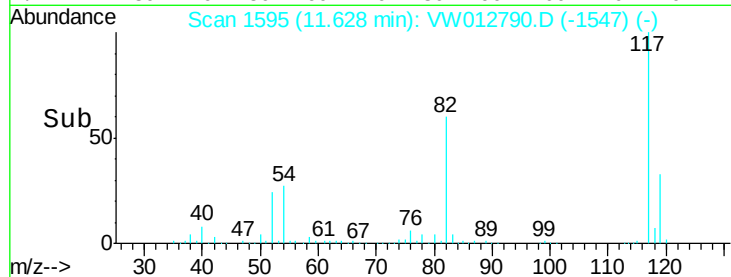
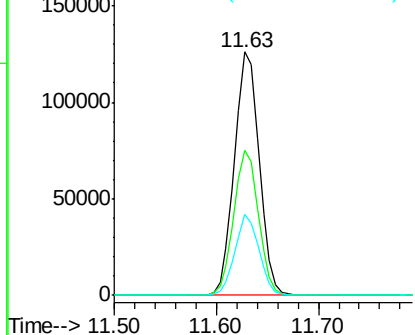
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012790.D
Acq: 09 Sep 2019 00:49

Instrument :
MSVOA_W
ClientSampleId :
PAR-11-C2-(0)

Tot Ion:117 Resp: 212108
Ion Ratio Lower Upper
117 100
82 59.6 48.2 72.4
119 33.2 25.8 38.6

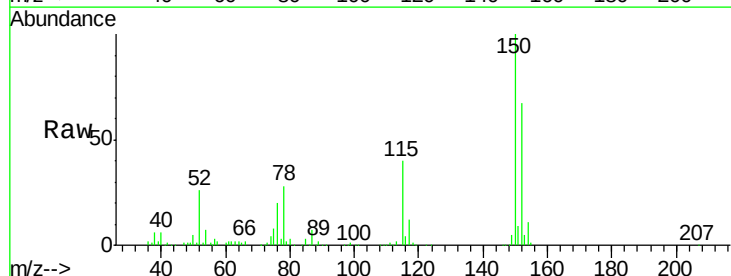


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW012790.D
Acq: 09 Sep 2019 00:49

Tgt Ion:152 Resp: 60274
Ion Ratio Lower Upper
152 100
115 57.9 30.0 90.1
150 155.8 0.0 349.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

