

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090819\
 Data File : VW012774.D
 Acq On : 08 Sep 2019 17:19
 Operator : SY/VA
 Sample : K4603-12
 Misc : 5.54G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PAR-12-F1-(0)

Quant Time: Sep 09 07:58:10 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

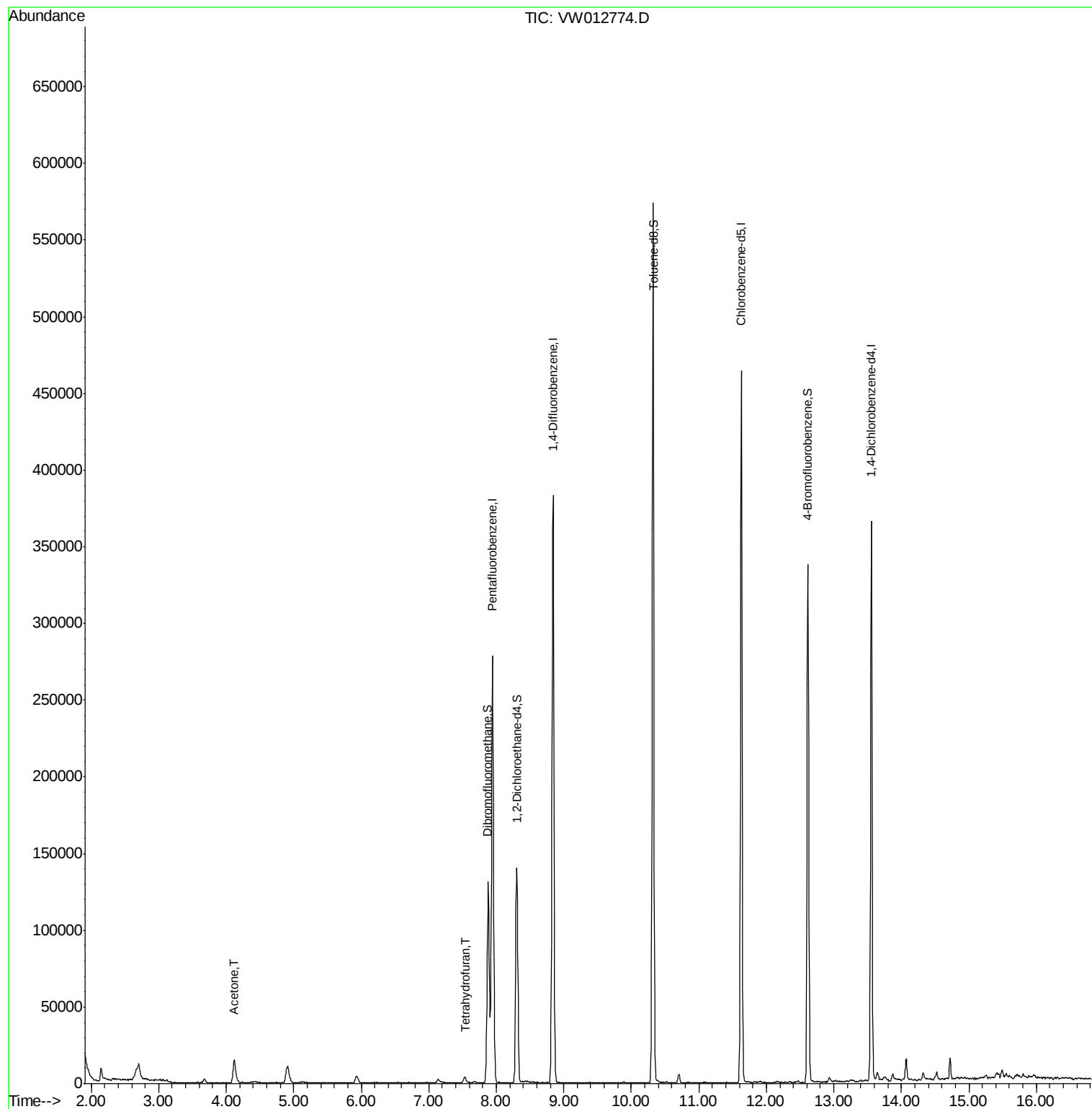
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	204187	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	306560	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	246076	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	92619	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	119309	52.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.60%	
35) Dibromofluoromethane	7.88	113	91250	50.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.14%	
50) Toluene-d8	10.32	98	360886	50.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.08%	
62) 4-Bromofluorobenzene	12.62	95	105586	40.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.46%	
Target Compounds						
16) Acetone	4.12	43	27638	44.436	ug/l	100
29) Tetrahydrofuran	7.54	42	3315	6.600	ug/l	95

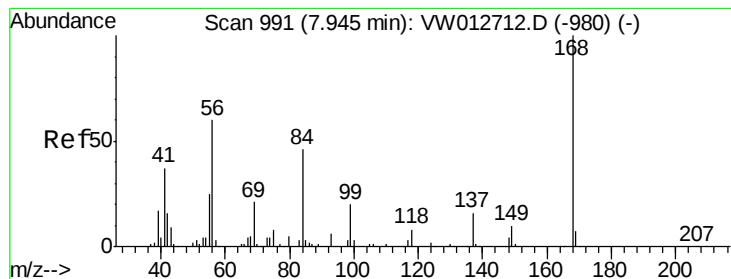
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW012774.D

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Instrument :

MSVOA_W

ClientSampleId :

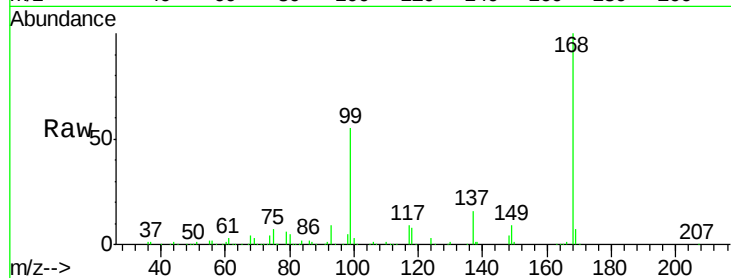
PAR-12-F1-(0)

Tot Ion:168 Resp: 204187

Ion Ratio Lower Upper

168 100

99 55.4 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

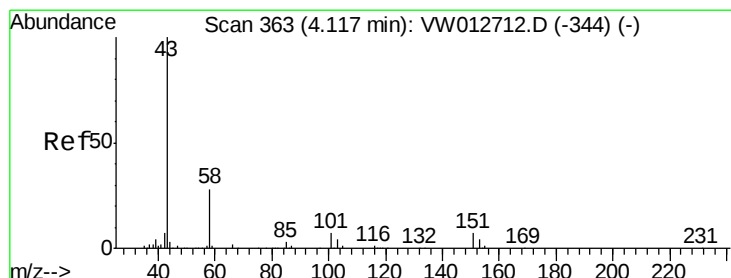
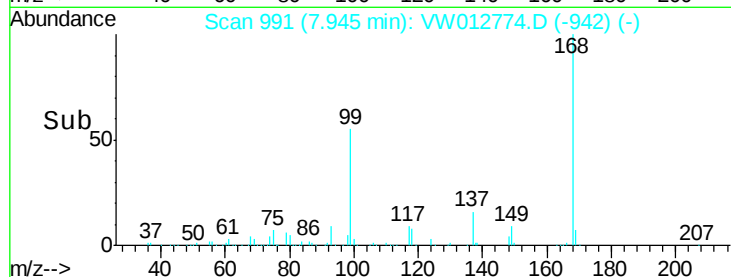
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 44.436 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW012774.D

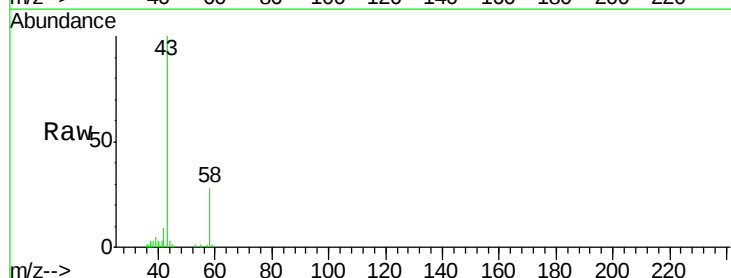
Acq: 08 Sep 2019 17:19

Tgt Ion: 43 Resp: 27638

Ion Ratio Lower Upper

43 100

58 28.1 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

10000

8000

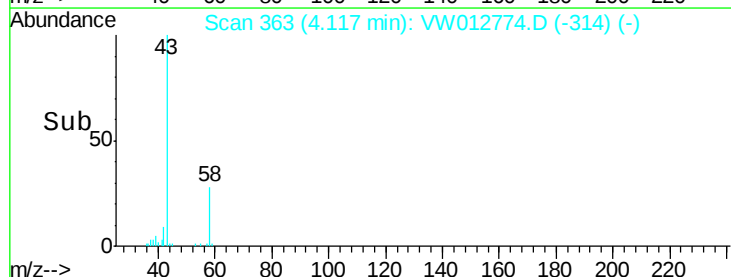
6000

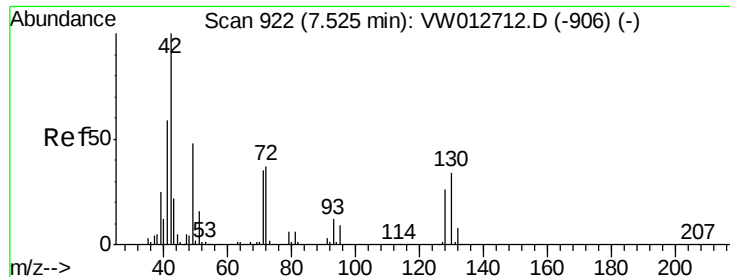
4000

2000

0

Time-->

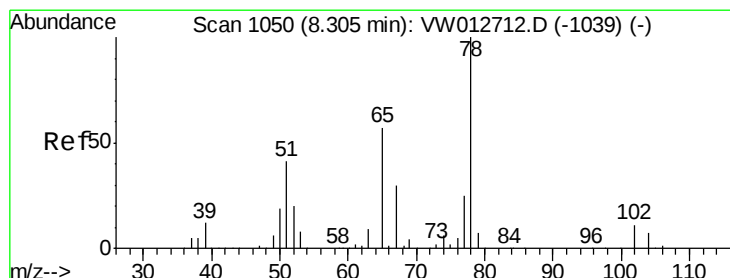
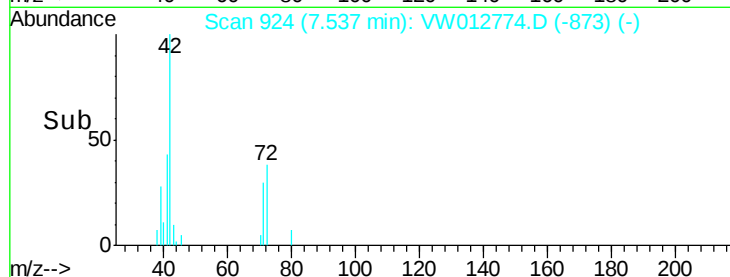
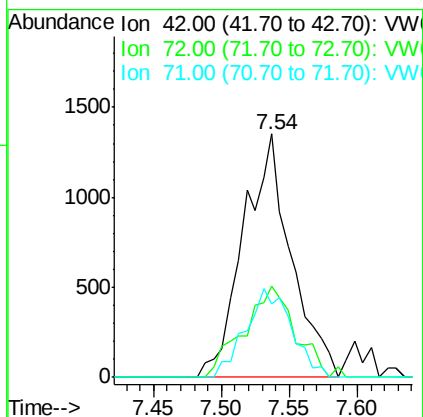
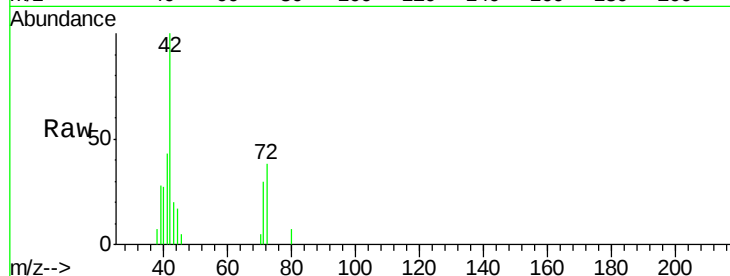




#29
Tetrahydrofuran
Concen: 6.600 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW012774.D
Acq: 08 Sep 2019 17:19

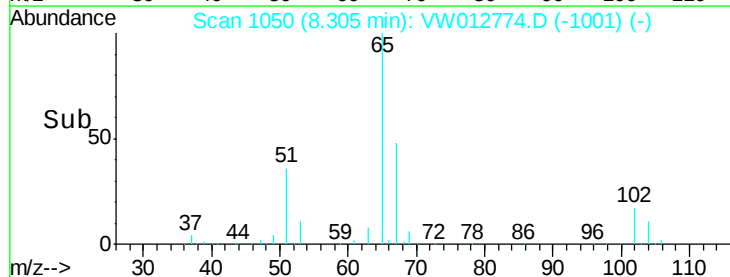
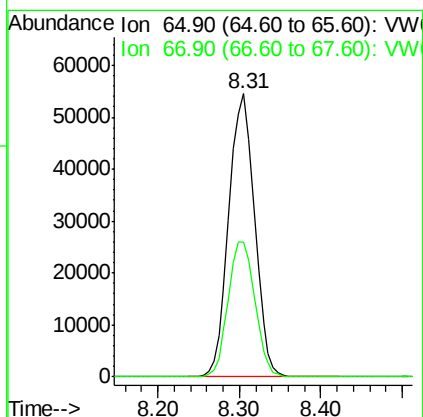
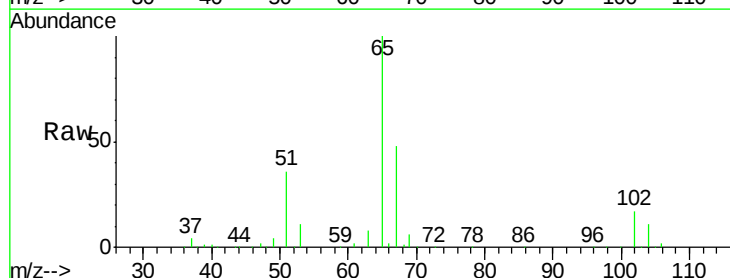
Instrument :
MSVOA_W
ClientSampleId :
PAR-12-F1-(0)

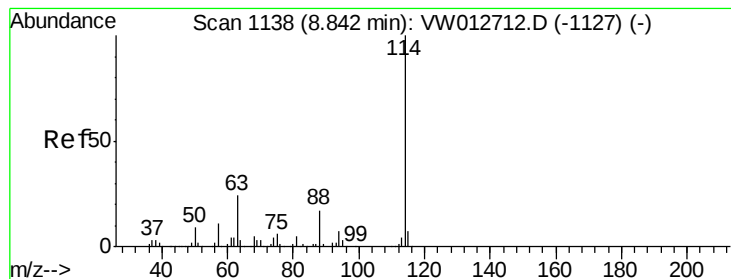
Tot Ion: 42 Resp: 3315
Ion Ratio Lower Upper
42 100
72 40.8 28.4 42.6
71 34.8 27.1 40.7



#33
1,2-Dichloroethane-d4
Concen: 52.295 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW012774.D
Acq: 08 Sep 2019 17:19

Tgt Ion: 65 Resp: 119309
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: VW012774.D

Acq: 08 Sep 2019 17:19

Instrument :

MSVOA_W

ClientSampleId :

PAR-12-F1-(0)

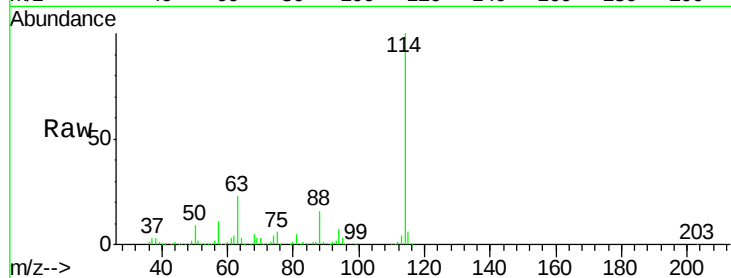
Tot Ion:114 Resp: 306560

Ion Ratio Lower Upper

114 100

63 23.3 0.0 47.2

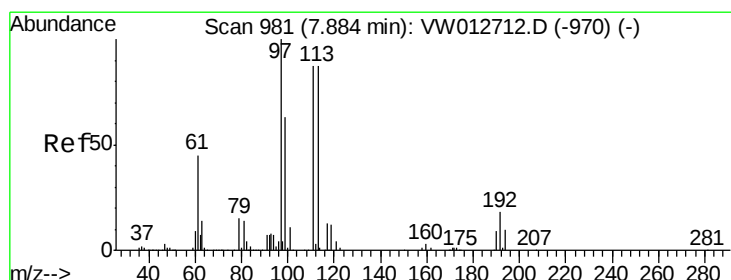
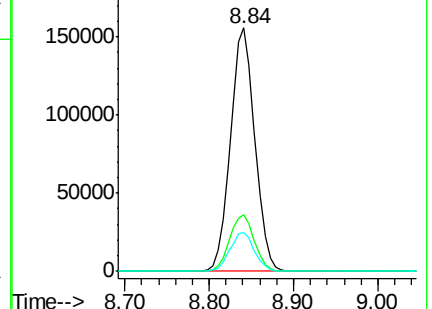
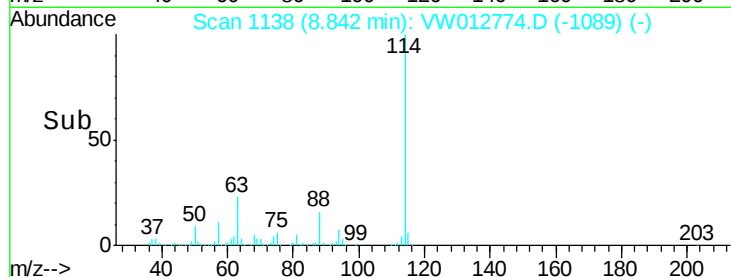
88 16.1 0.0 34.0



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: 50.066 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW012774.D

Acq: 08 Sep 2019 17:19

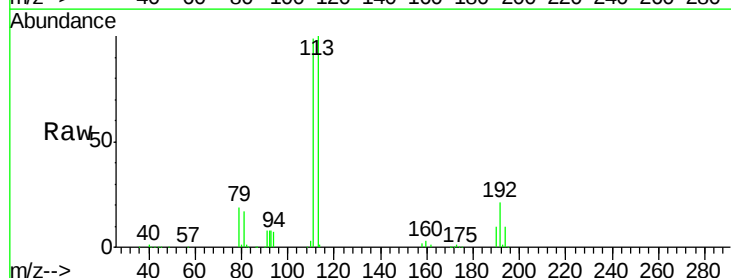
Tgt Ion:113 Resp: 91250

Ion Ratio Lower Upper

113 100

111 104.2 80.2 120.4

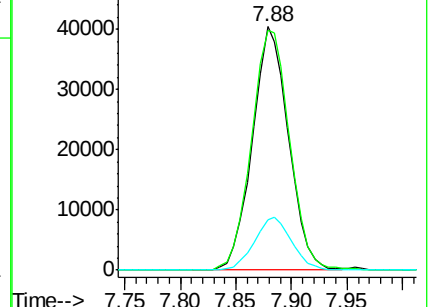
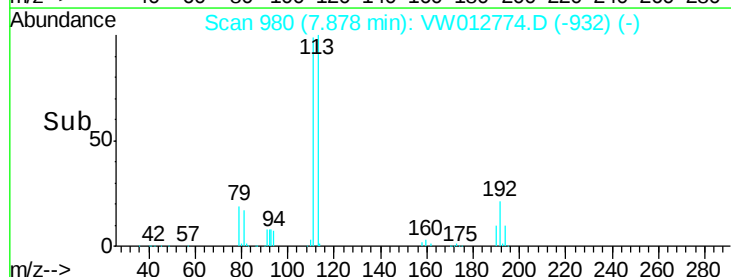
192 22.4 17.3 25.9

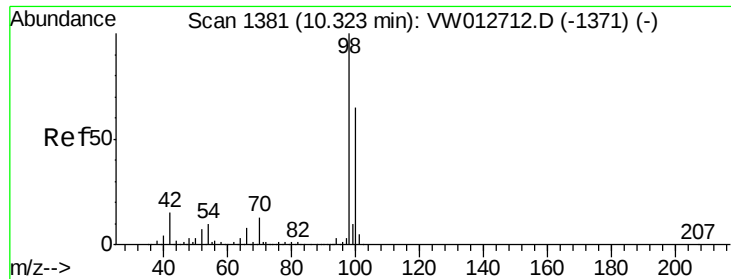


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.541 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW012774.D

Acq: 08 Sep 2019 17:19

Instrument :

MSVOA_W

ClientSampleId :

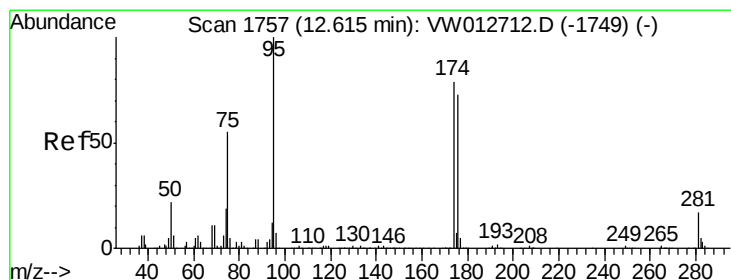
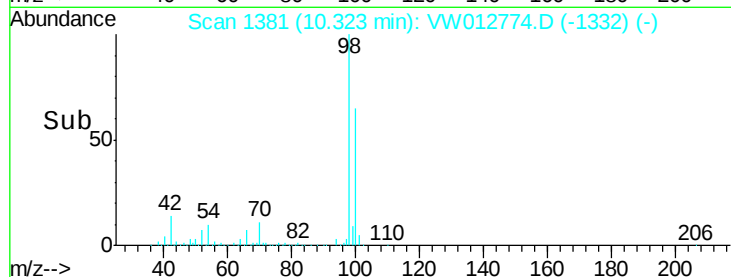
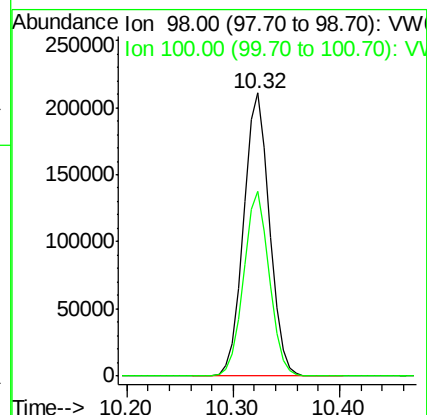
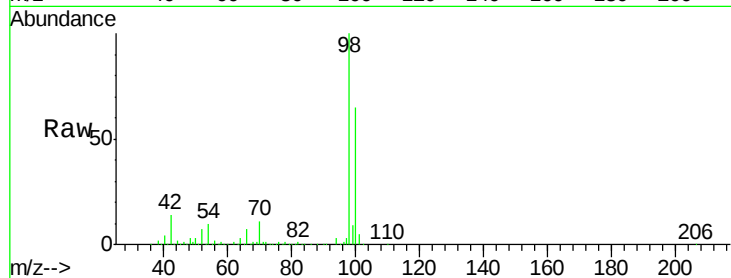
PAR-12-F1-(0)

Tot Ion: 98 Resp: 360886

Ion Ratio Lower Upper

98 100

100 64.4 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 40.732 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW012774.D

Acq: 08 Sep 2019 17:19

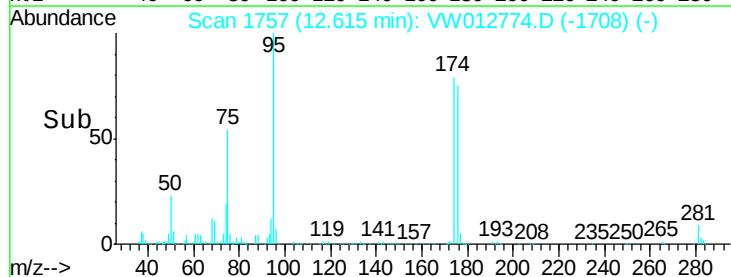
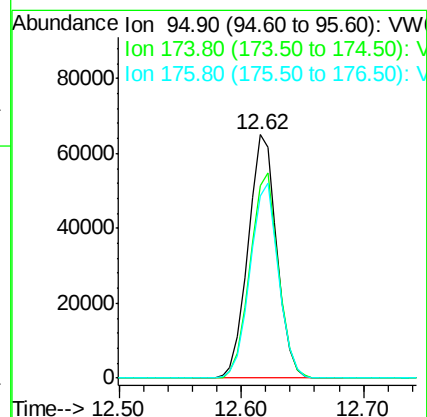
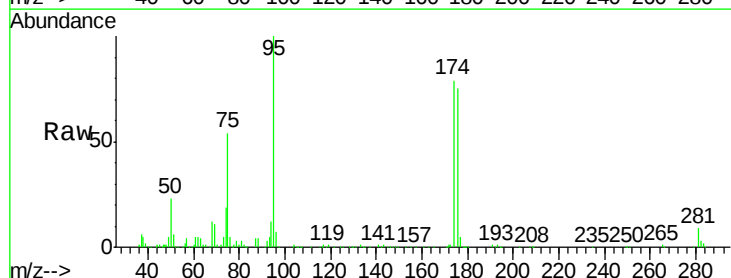
Tgt Ion: 95 Resp: 105586

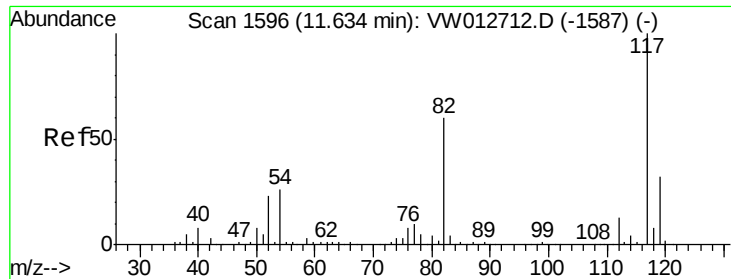
Ion Ratio Lower Upper

95 100

174 83.4 0.0 161.0

176 79.7 0.0 156.4

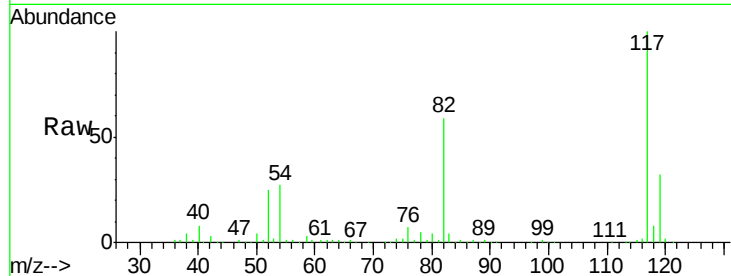




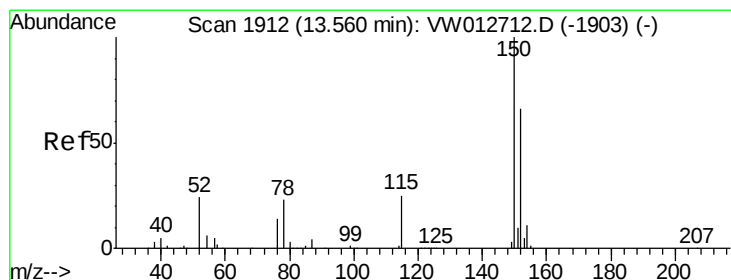
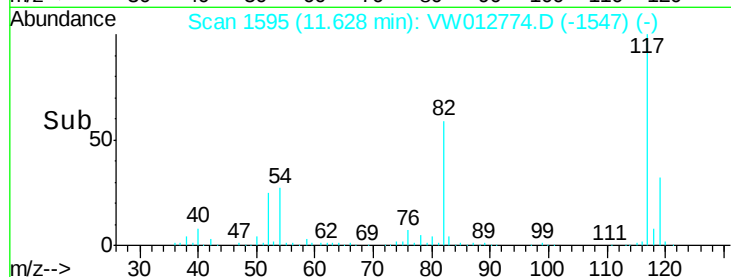
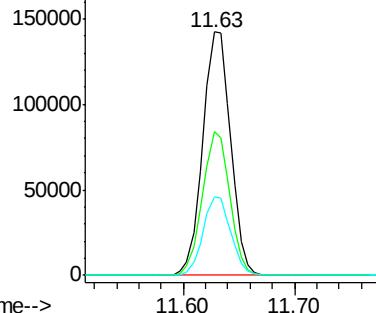
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012774.D
Acq: 08 Sep 2019 17:19

Instrument :
MSVOA_W
ClientSampleId :
PAR-12-F1-(0)

Tot Ion:117 Resp: 246076
Ion Ratio Lower Upper
117 100
82 59.0 48.2 72.4
119 32.1 25.8 38.6

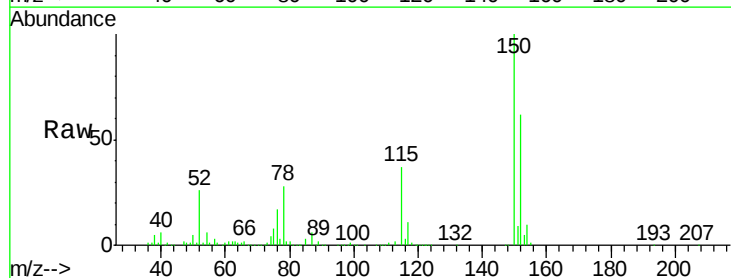


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW012774.D
Acq: 08 Sep 2019 17:19

Tgt Ion:152 Resp: 92619
Ion Ratio Lower Upper
152 100
115 59.0 30.0 90.1
150 156.3 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

