

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090819\
 Data File : VW012769.D
 Acq On : 08 Sep 2019 15:10
 Operator : SY/VA
 Sample : K4603-06
 Misc : 3.28G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PAR-E4-(0)

Quant Time: Sep 09 07:29:49 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

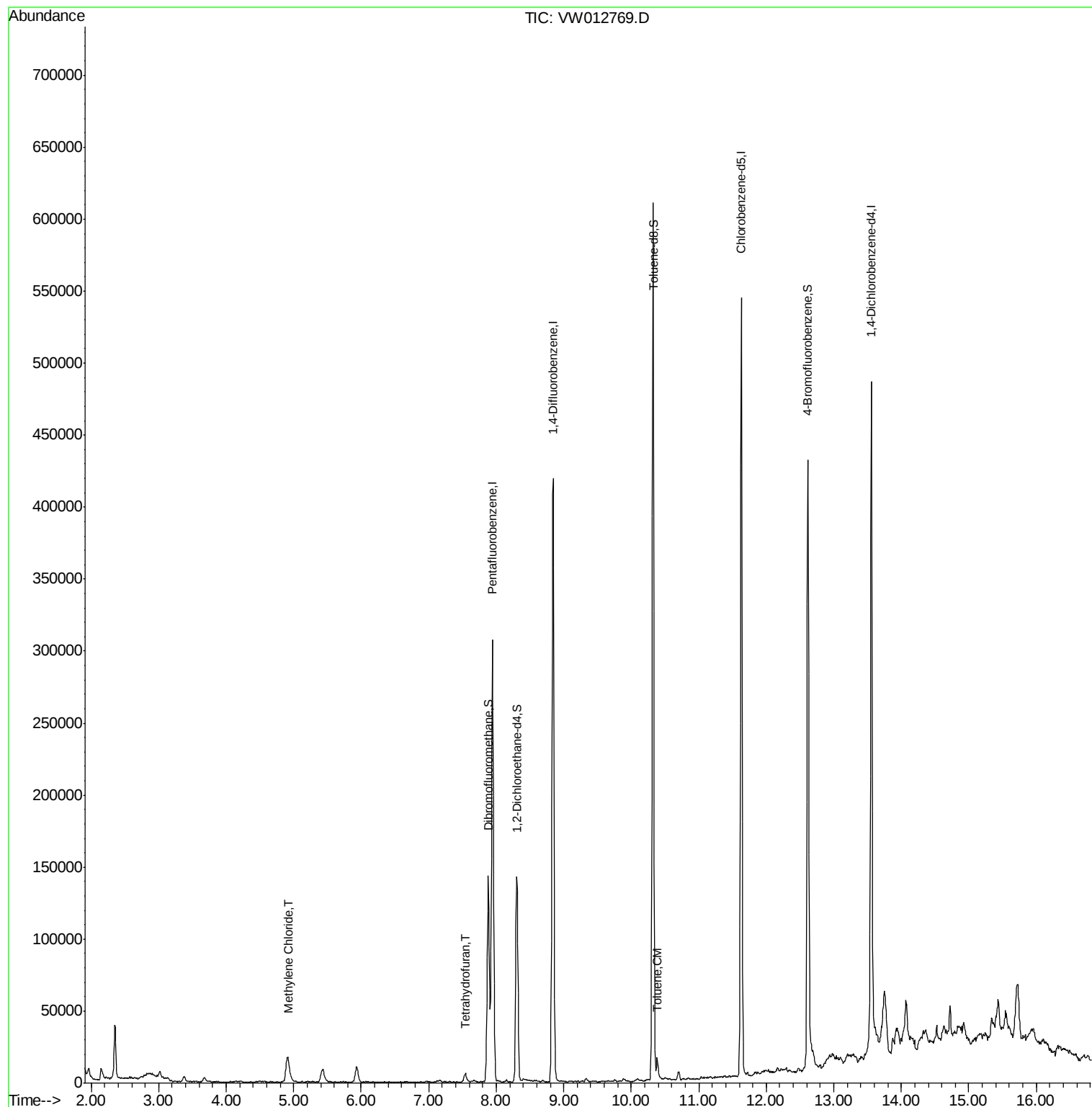
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	219517	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	333080	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	283104	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	114810	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	122710	50.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.06%	
35) Dibromofluoromethane	7.88	113	100285	50.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.28%	
50) Toluene-d8	10.32	98	388516	50.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.16%	
62) 4-Bromofluorobenzene	12.62	95	133249	47.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.62%	
Target Compounds						
20) Methylene Chloride	4.91	84	13600	6.501	ug/l #	93
29) Tetrahydrofuran	7.54	42	5334	9.878	ug/l	98
52) Toluene	10.38	92	6019	1.174	ug/l	93

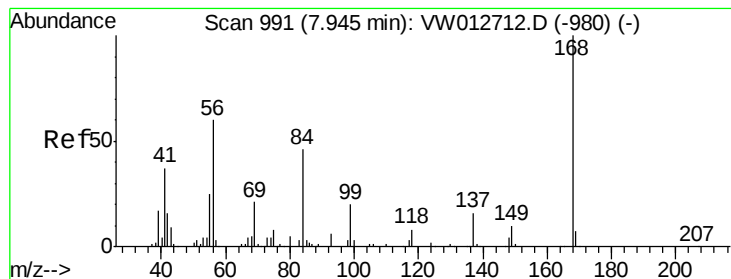
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VW012769.D

Acq: 08 Sep 2019 15:10

Instrument :

MSVOA_W

ClientSampleId :

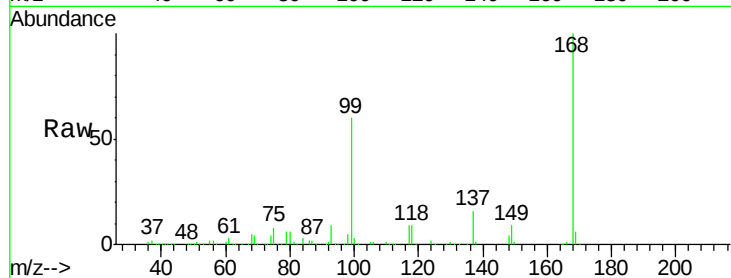
PAR-E4-(0)

Tot Ion:168 Resp: 219517

Ion Ratio Lower Upper

168 100

99 59.5 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

120000

100000

80000

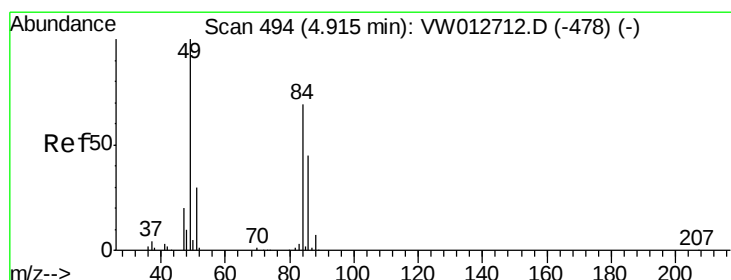
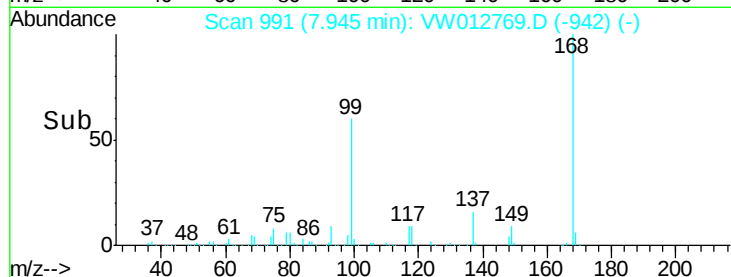
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 6.501 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW012769.D

Acq: 08 Sep 2019 15:10

Tgt Ion: 84 Resp: 13600

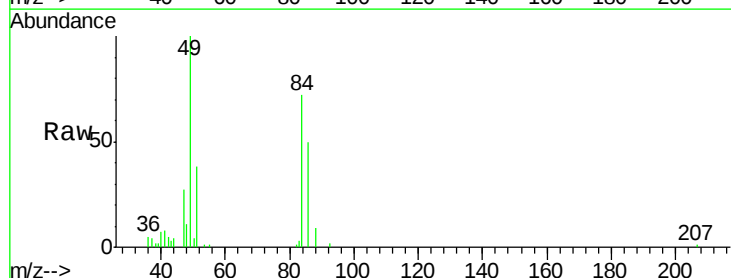
Ion Ratio Lower Upper

84 100

49 138.2 115.4 173.0

51 52.7 34.9 52.3#

86 69.4 52.2 78.4



Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW

8000

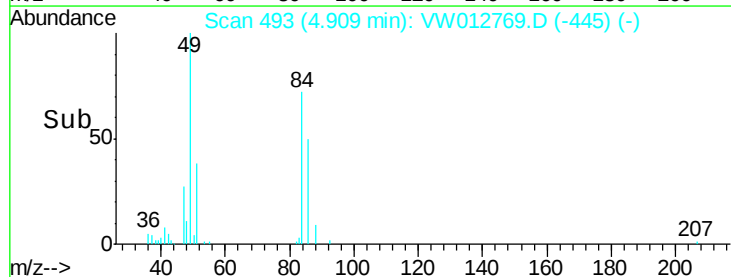
6000

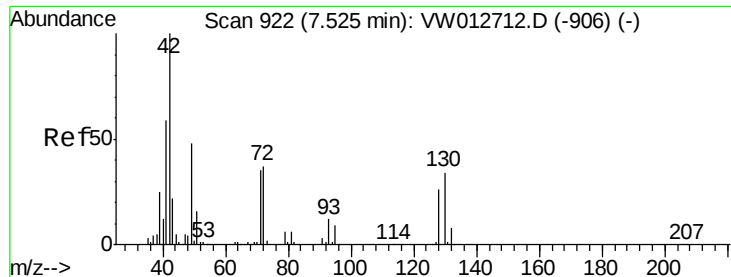
4000

2000

0

Time-->

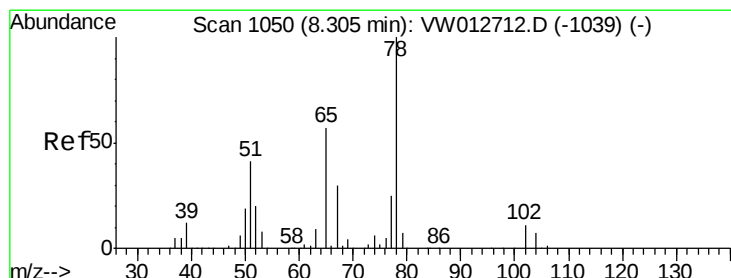
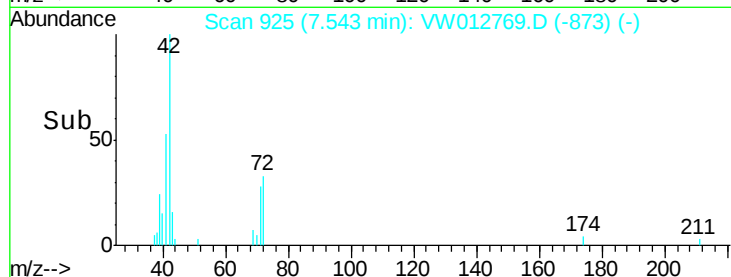
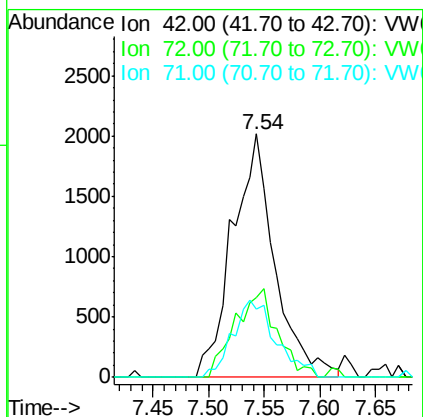
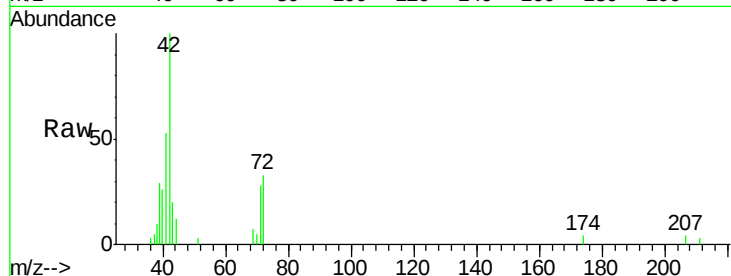




#29
Tetrahydrofuran
Concen: 9.878 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.02 min
Lab File: VW012769.D
Acq: 08 Sep 2019 15:10

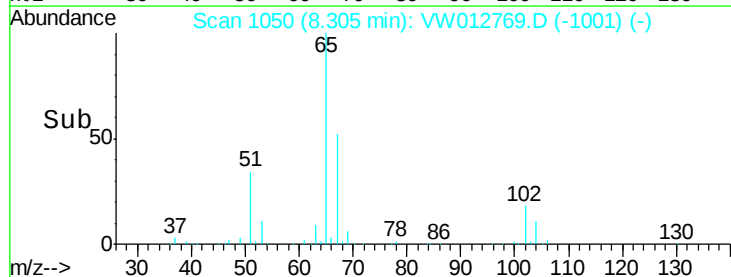
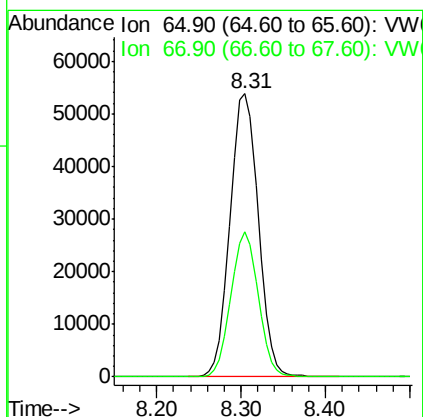
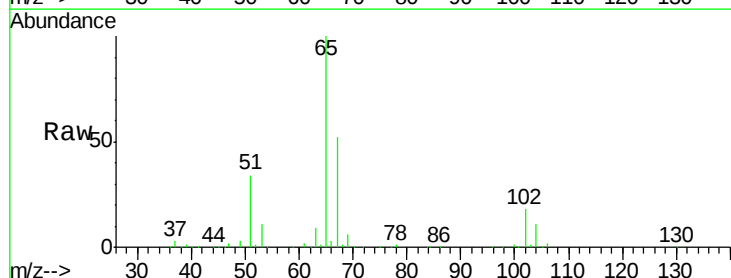
Instrument :
MSVOA_W
ClientSampled :
PAR-E4-(0)

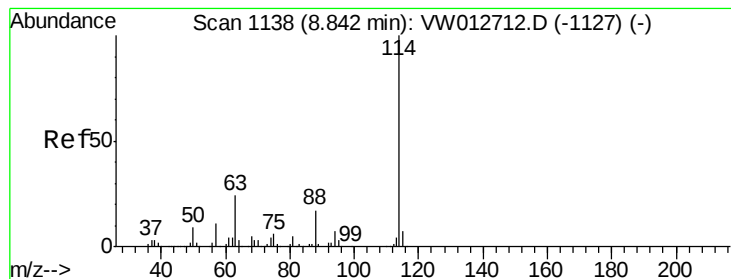
Tot Ion: 42 Resp: 5334
Ion Ratio Lower Upper
42 100
72 35.9 28.4 42.6
71 32.2 27.1 40.7



#33
1,2-Dichloroethane-d4
Concen: 50.030 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW012769.D
Acq: 08 Sep 2019 15:10

Tgt Ion: 65 Resp: 122710
Ion Ratio Lower Upper
65 100
67 49.6 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: VW012769.D

Acq: 08 Sep 2019 15:10

Instrument :

MSVOA_W

ClientSampleId :

PAR-E4-(0)

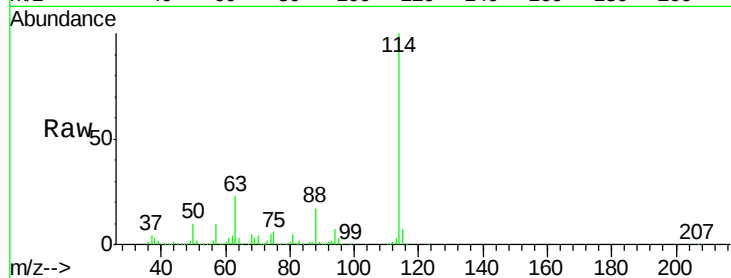
Tot Ion:114 Resp: 333080

Ion Ratio Lower Upper

114 100

63 23.0 0.0 47.2

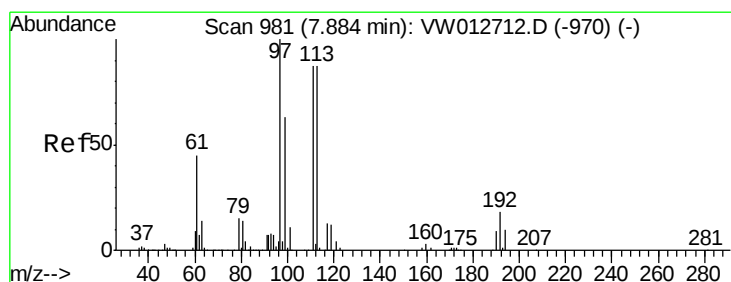
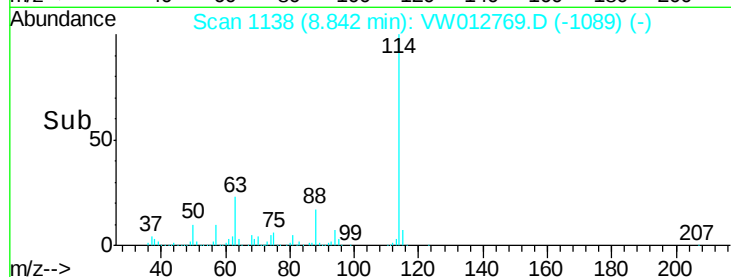
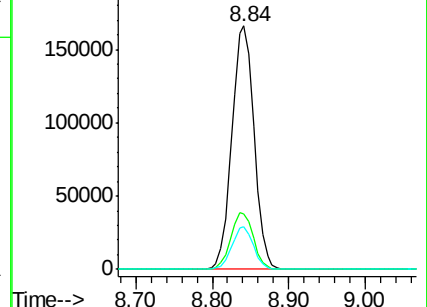
88 17.3 0.0 34.0



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: 50.642 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW012769.D

Acq: 08 Sep 2019 15:10

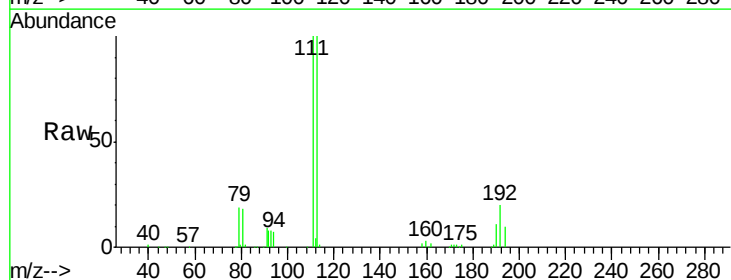
Tgt Ion:113 Resp: 100285

Ion Ratio Lower Upper

113 100

111 103.1 80.2 120.4

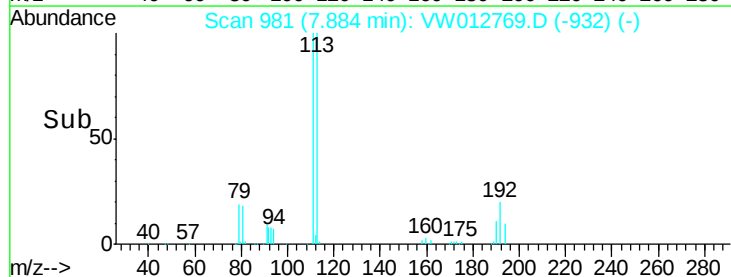
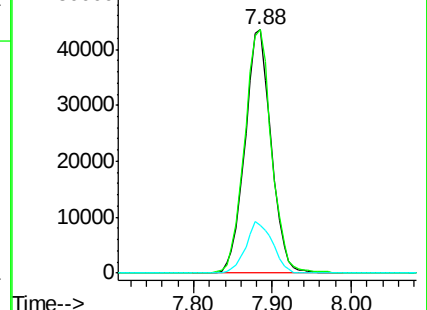
192 21.6 17.3 25.9

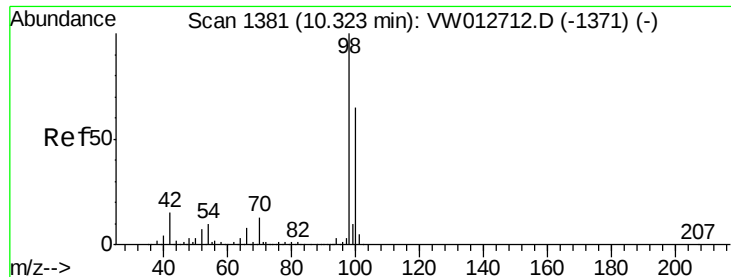


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

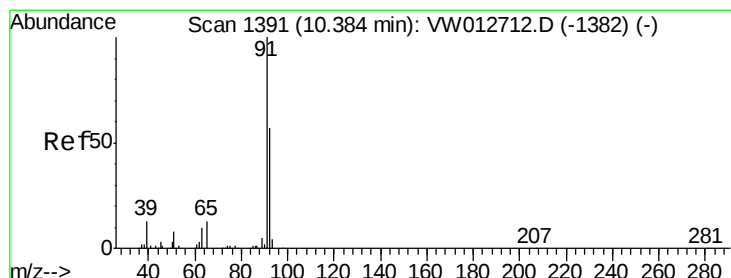
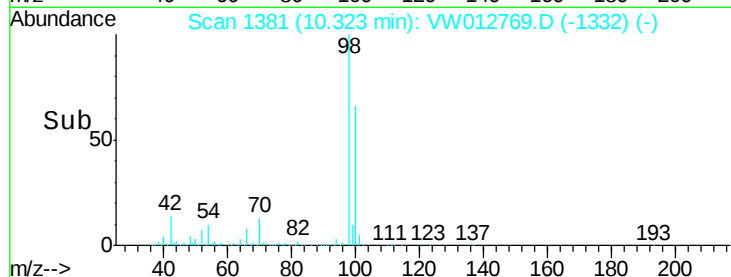
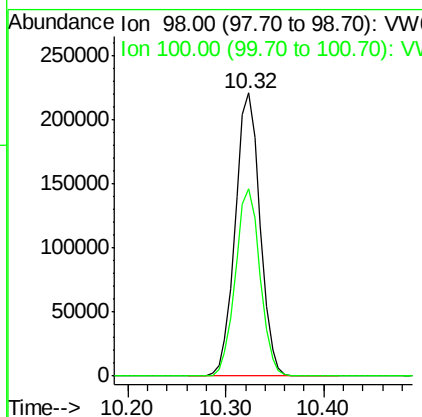
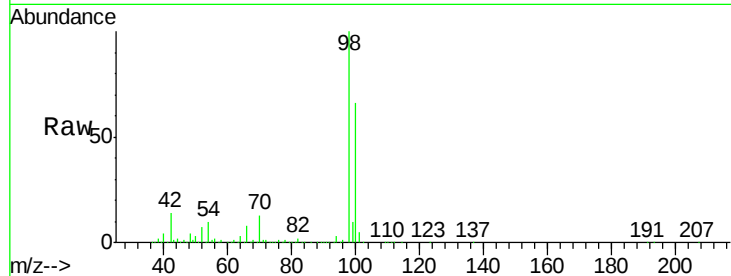




#50
Toluene-d8
Concen: 50.078 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW012769.D
Acq: 08 Sep 2019 15:10

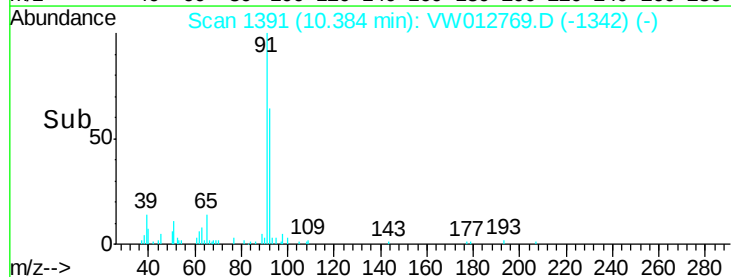
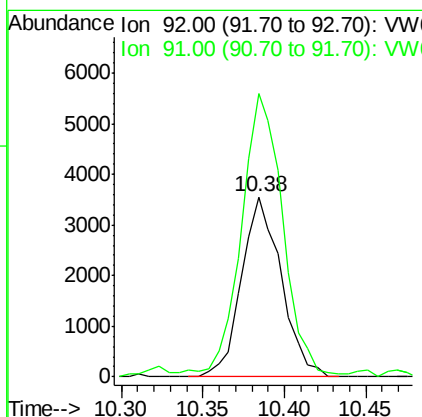
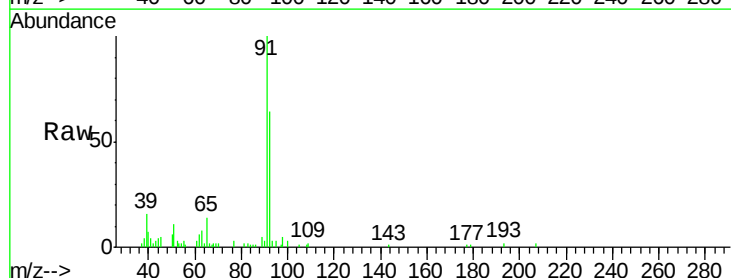
Instrument :
MSVOA_W
ClientSampleId :
PAR-E4-(0)

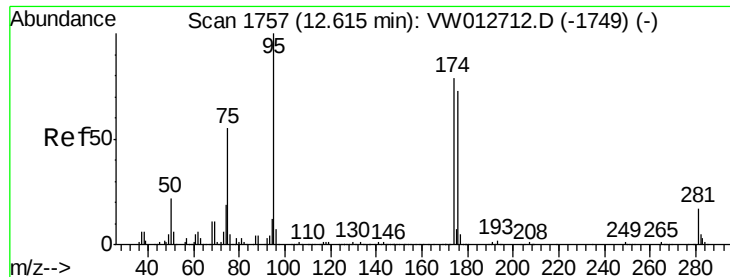
Tot Ion: 98 Resp: 388516
Ion Ratio Lower Upper
98 100
100 65.9 52.2 78.4



#52
Toluene
Concen: 1.174 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VW012769.D
Acq: 08 Sep 2019 15:10

Tgt Ion: 92 Resp: 6019
Ion Ratio Lower Upper
92 100
91 161.8 137.0 205.4

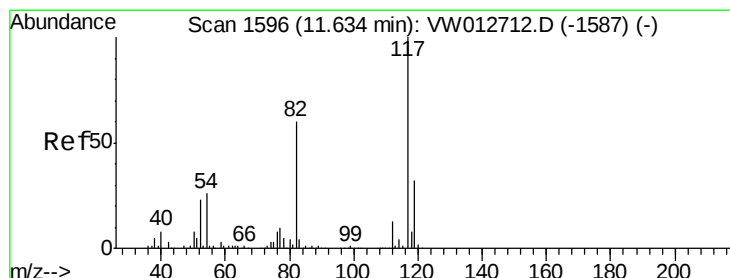
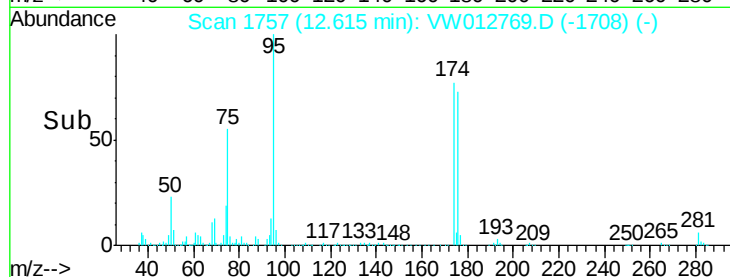
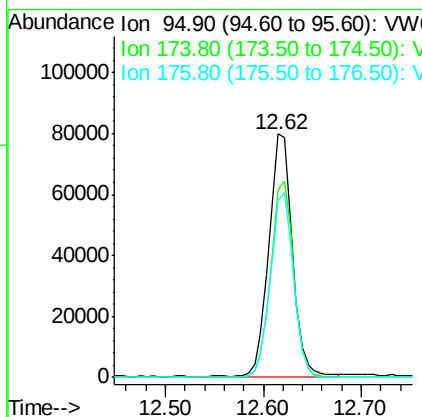
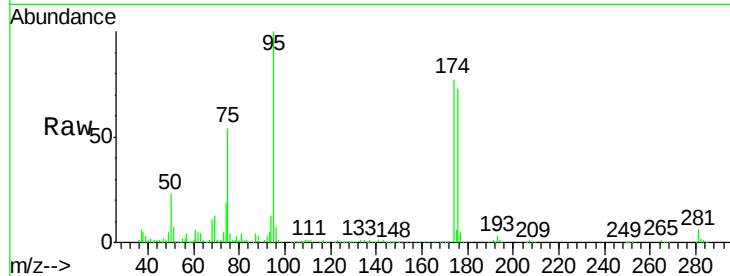




#62
4-Bromofluorobenzene
Concen: 47.311 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW012769.D
Acq: 08 Sep 2019 15:10

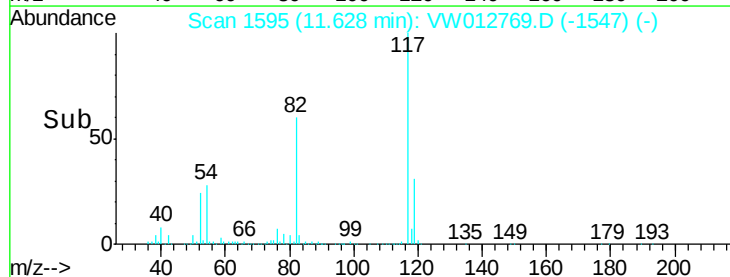
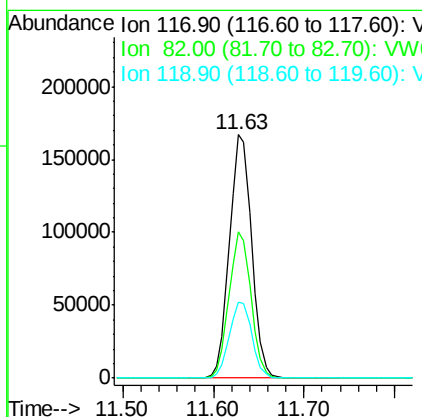
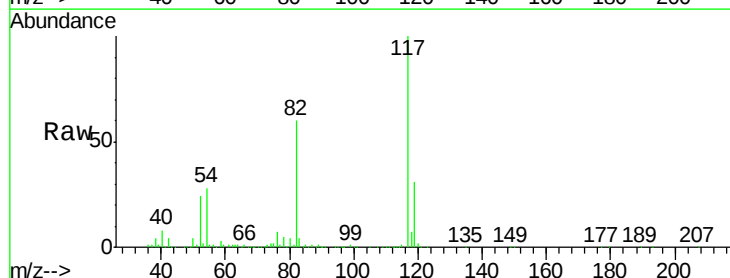
Instrument :
MSVOA_W
ClientSampleId :
PAR-E4-(0)

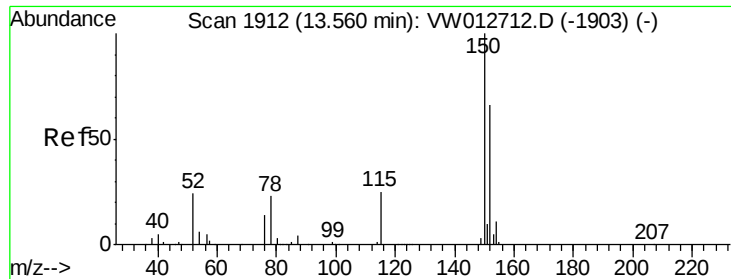
Tot Ion	95	Resp	133249
Ion Ratio	Lower	Upper	
95	100		
174	78.3	0.0	161.0
176	74.3	0.0	156.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012769.D
Acq: 08 Sep 2019 15:10

Tgt Ion	117	Resp	283104
Ion Ratio	Lower	Upper	
117	100		
82	60.2	48.2	72.4
119	31.1	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: VW012769.D

Acq: 08 Sep 2019 15:10

Instrument :

MSVOA_W

ClientSampleId :

PAR-E4-(0)

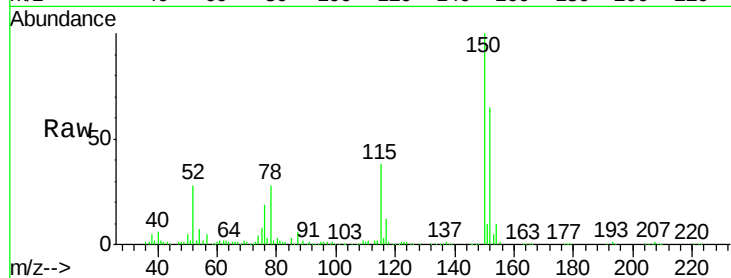
Tot Ion:152 Resp: 114810

Ion Ratio Lower Upper

152 100

115 59.7 30.0 90.1

150 153.5 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

