

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090919\
 Data File : VW012828.D
 Acq On : 09 Sep 2019 18:07
 Operator : SY/VA
 Sample : K4623-18
 Misc : 3.69G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PAR-11-E1-(0)

Quant Time: Sep 10 07:18:48 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

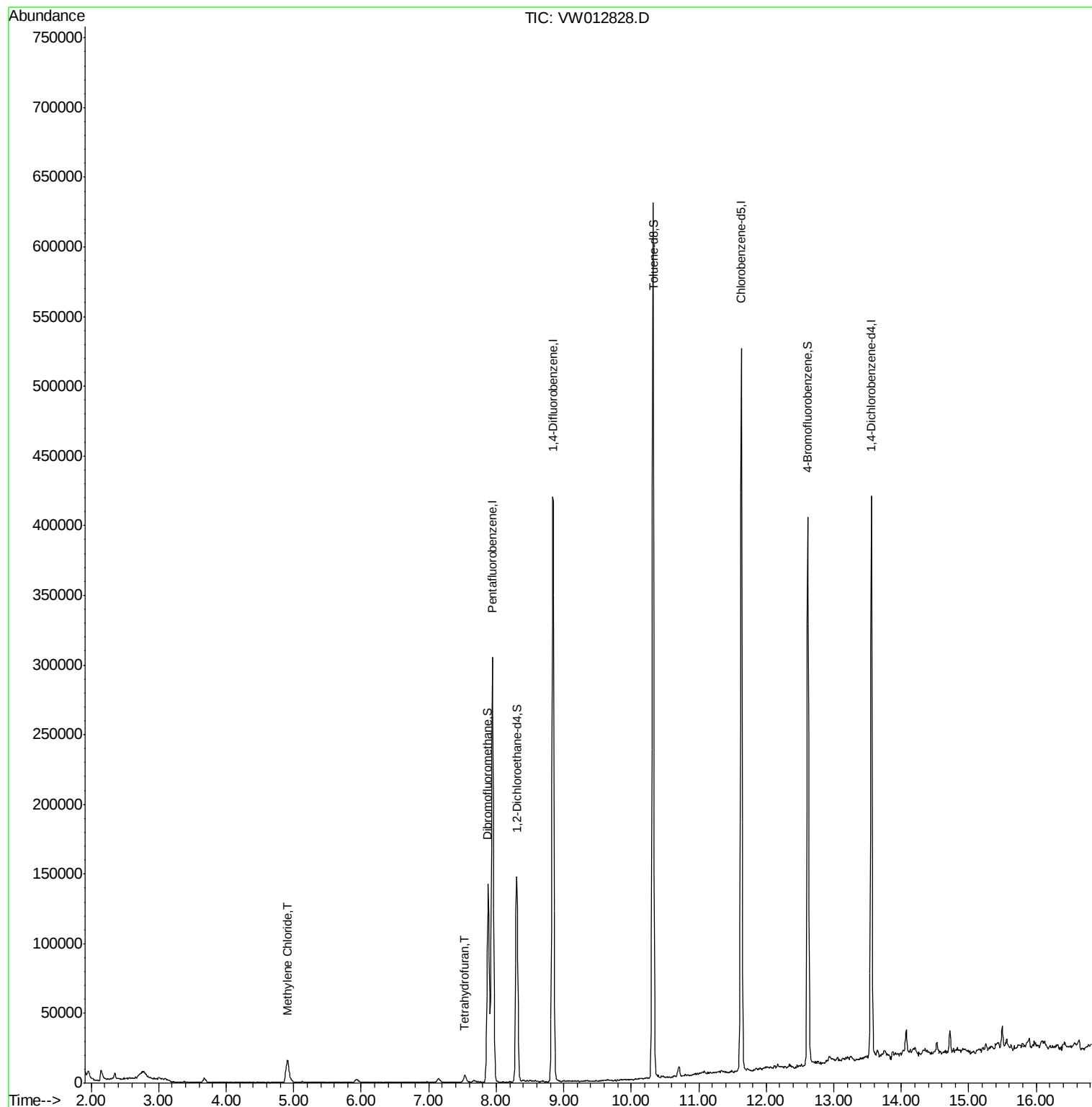
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	235082	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	355565	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	287445	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	107557	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	123801	47.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.26%	
35) Dibromofluoromethane	7.88	113	103584	49.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.00%	
50) Toluene-d8	10.32	98	417621	50.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.86%	
62) 4-Bromofluorobenzene	12.62	95	125410	41.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.42%	
Target Compounds						
20) Methylene Chloride	4.90	84	12070	5.388	ug/l	92
29) Tetrahydrofuran	7.54	42	4337	7.500	ug/l #	94

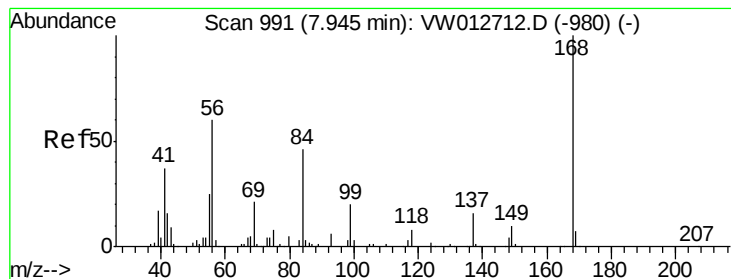
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW012828.D

Acq: 09 Sep 2019 18:07

Instrument :

MSVOA_W

ClientSampleId :

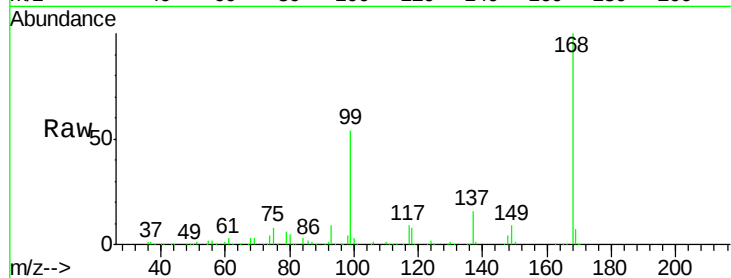
PAR-11-E1-(0)

Tot Ion:168 Resp: 235082

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

120000

100000

80000

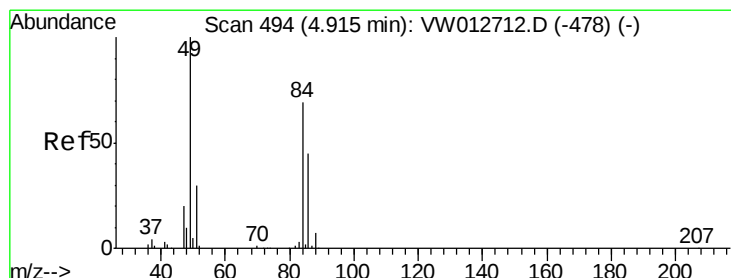
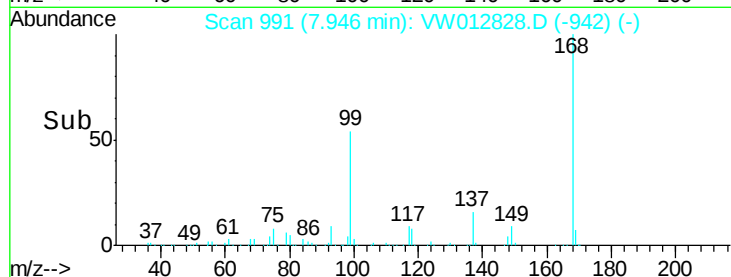
60000

40000

20000

0

Time--> 7.80 7.90 8.00



#20

Methylene Chloride

Concen: 5.388 ug/l

RT: 4.90 min Scan# 492

Delta R.T. -0.01 min

Lab File: VW012828.D

Acq: 09 Sep 2019 18:07

Tgt Ion: 84 Resp: 12070

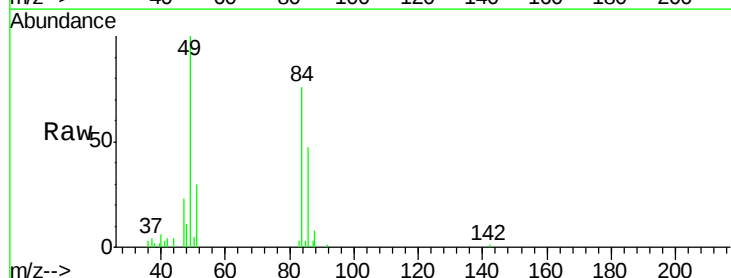
Ion Ratio Lower Upper

84 100

49 132.1 115.4 173.0

51 39.6 34.9 52.3

86 61.9 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

4.90

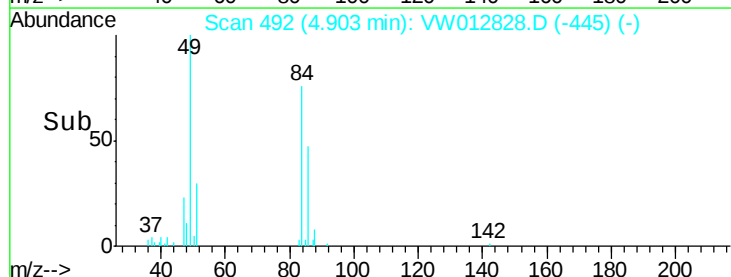
6000

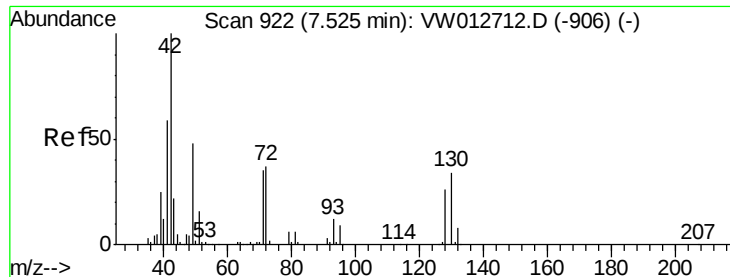
4000

2000

0

Time--> 4.80 4.90 5.00

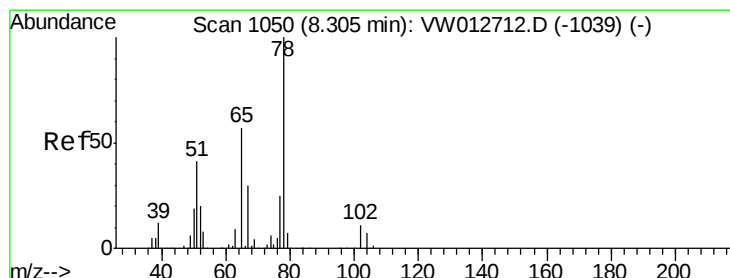
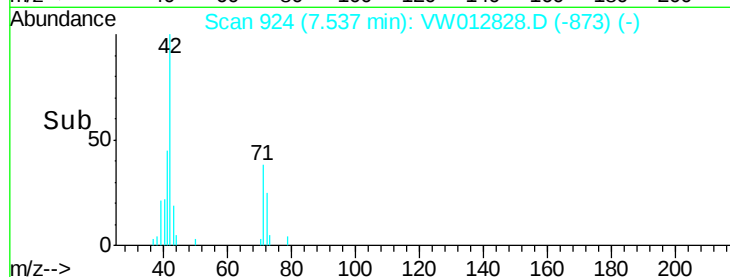
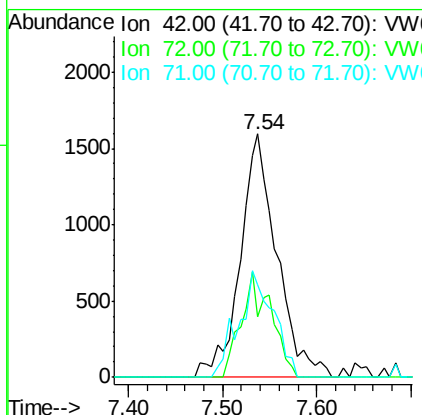
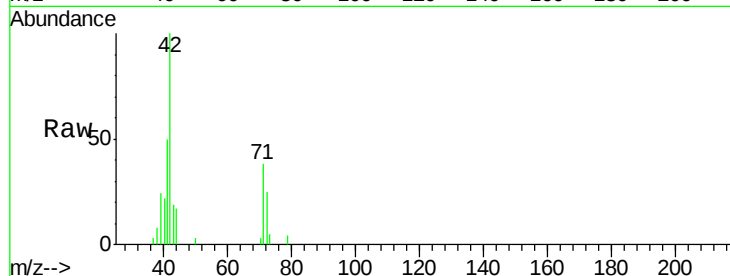




#29
Tetrahydrofuran
Concen: 7.500 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW012828.D
Acq: 09 Sep 2019 18:07

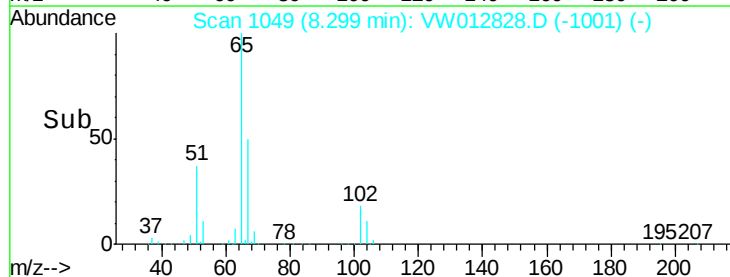
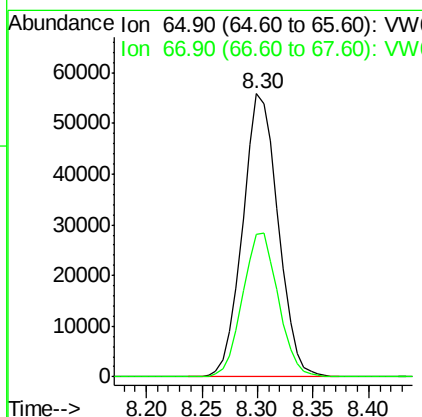
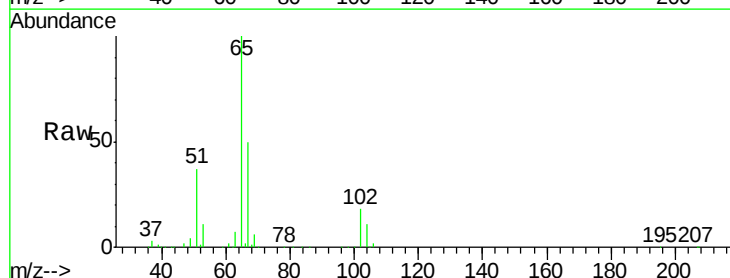
Instrument :
MSVOA_W
ClientSampleId :
PAR-11-E1-(0)

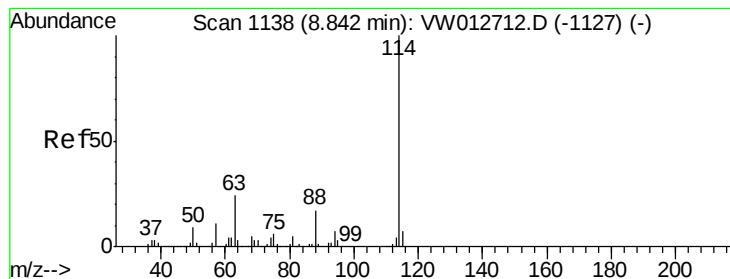
Tot Ion: 42 Resp: 4337
Ion Ratio Lower Upper
42 100
72 35.4 28.4 42.6
71 41.4 27.1 40.7#



#33
1,2-Dichloroethane-d4
Concen: 47.133 ug/l
RT: 8.30 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VW012828.D
Acq: 09 Sep 2019 18:07

Tgt Ion: 65 Resp: 123801
Ion Ratio Lower Upper
65 100
67 51.3 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: VW012828.D

Acq: 09 Sep 2019 18:07

Instrument :

MSVOA_W

ClientSampleId :

PAR-11-E1-(0)

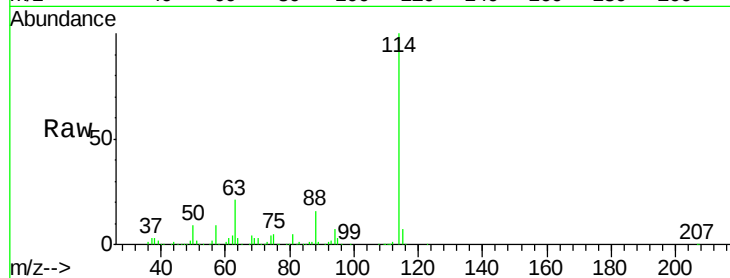
Tot Ion:114 Resp: 355565

Ion Ratio Lower Upper

114 100

63 21.3 0.0 47.2

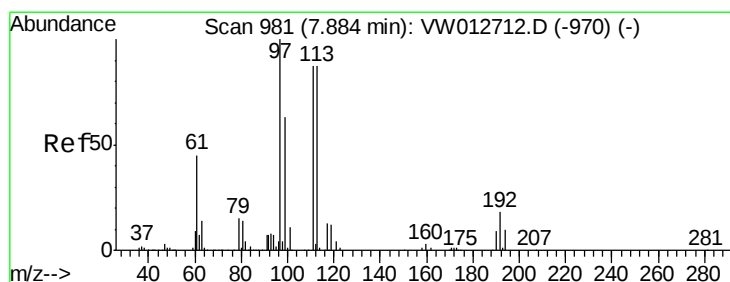
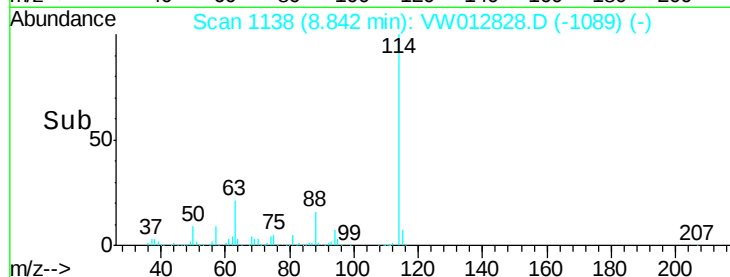
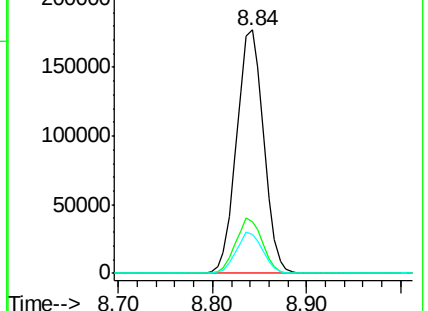
88 15.7 0.0 34.0



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: 49.001 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW012828.D

Acq: 09 Sep 2019 18:07

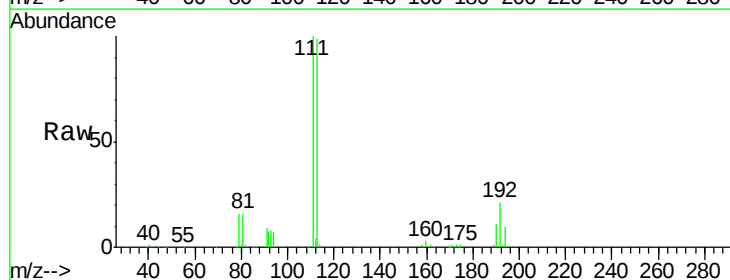
Tgt Ion:113 Resp: 103584

Ion Ratio Lower Upper

113 100

111 101.8 80.2 120.4

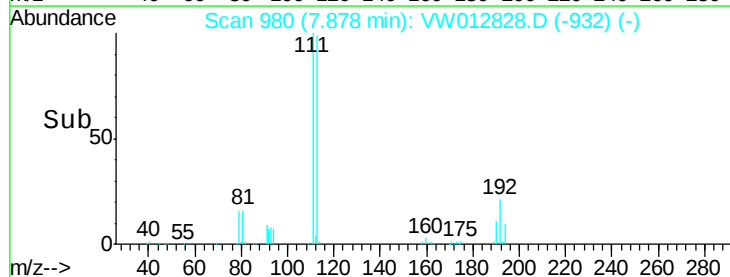
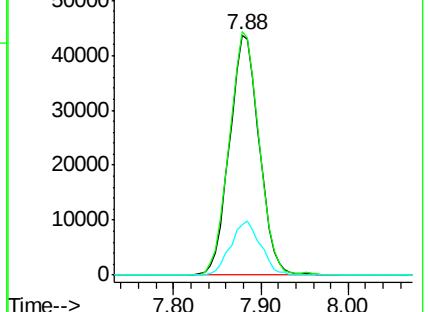
192 22.5 17.3 25.9

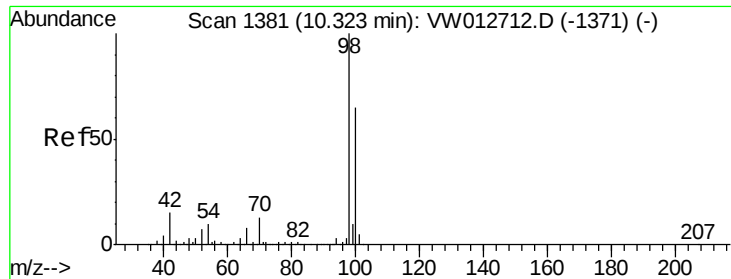


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.426 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW012828.D

Acq: 09 Sep 2019 18:07

Instrument :

MSVOA_W

ClientSampleId :

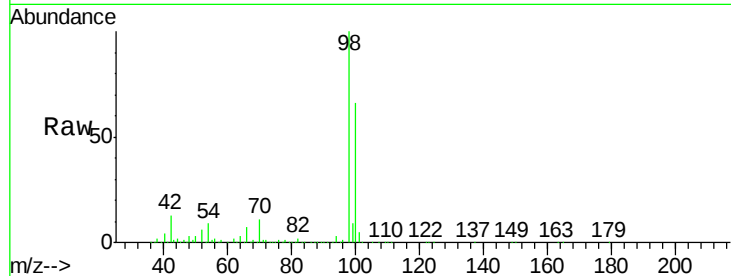
PAR-11-E1-(0)

Tot Ion: 98 Resp: 417621

Ion Ratio Lower Upper

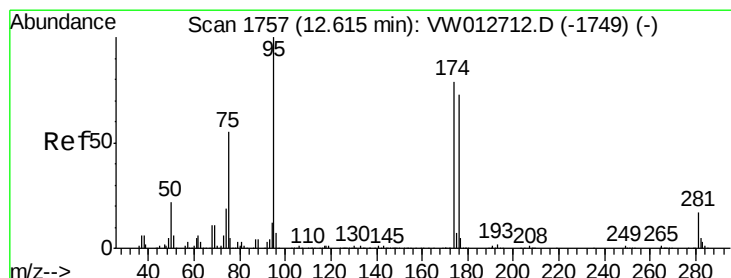
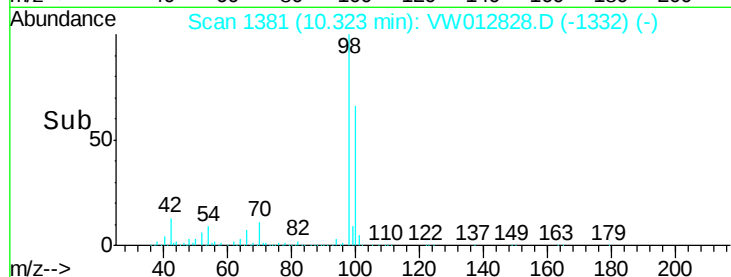
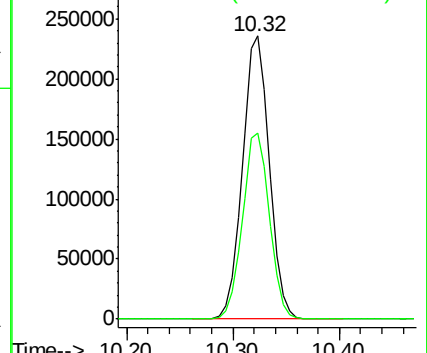
98 100

100 65.9 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: 41.712 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW012828.D

Acq: 09 Sep 2019 18:07

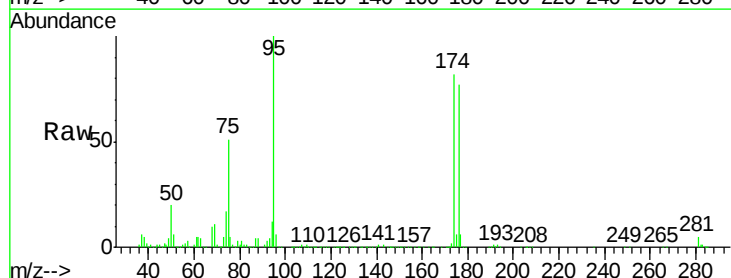
Tgt Ion: 95 Resp: 125410

Ion Ratio Lower Upper

95 100

174 83.2 0.0 161.0

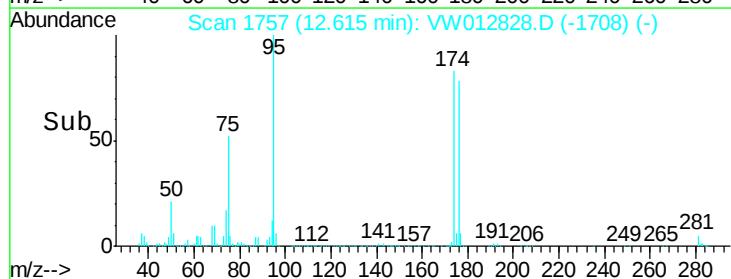
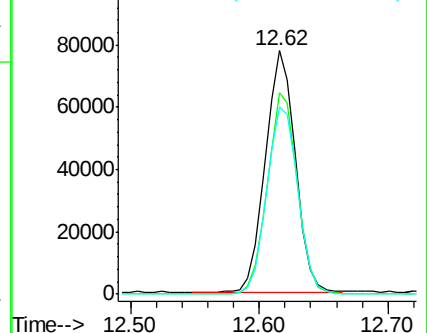
176 80.2 0.0 156.4

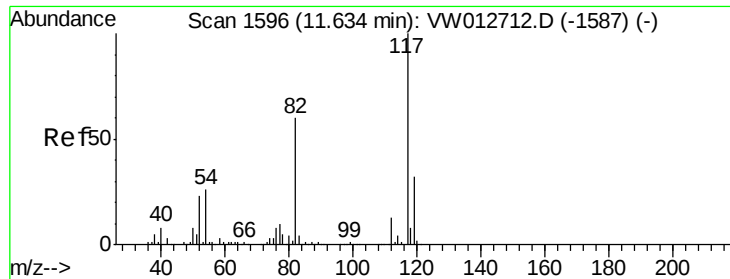


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW

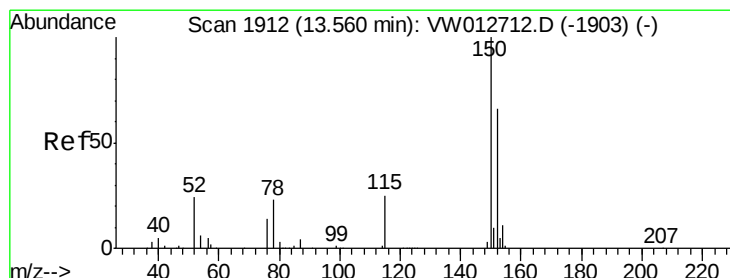
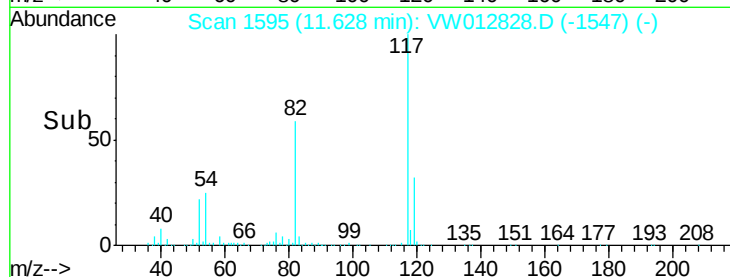
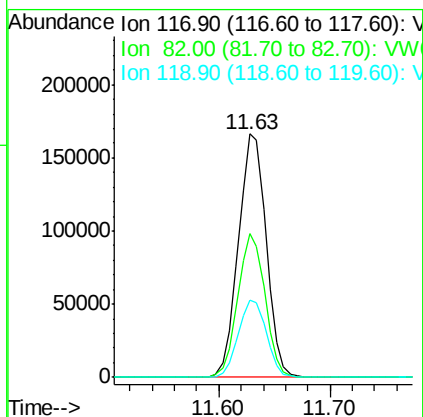
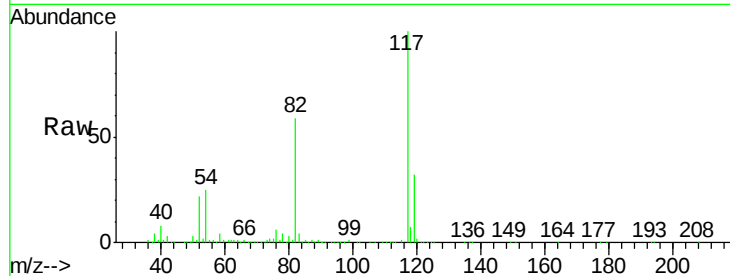




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012828.D
Acq: 09 Sep 2019 18:07

Instrument :
MSVOA_W
ClientSampleId :
PAR-11-E1-(0)

Tot Ion:117 Resp: 287445
Ion Ratio Lower Upper
117 100
82 58.8 48.2 72.4
119 31.7 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW012828.D
Acq: 09 Sep 2019 18:07

Tgt Ion:152 Resp: 107557
Ion Ratio Lower Upper
152 100
115 57.8 30.0 90.1
150 156.4 0.0 349.0

