

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090919\
 Data File : VW012829.D
 Acq On : 09 Sep 2019 18:33
 Operator : SY/VA
 Sample : K4623-19
 Misc : 4.39G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PAR-11-E2-(0)

Quant Time: Sep 10 07:20:54 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

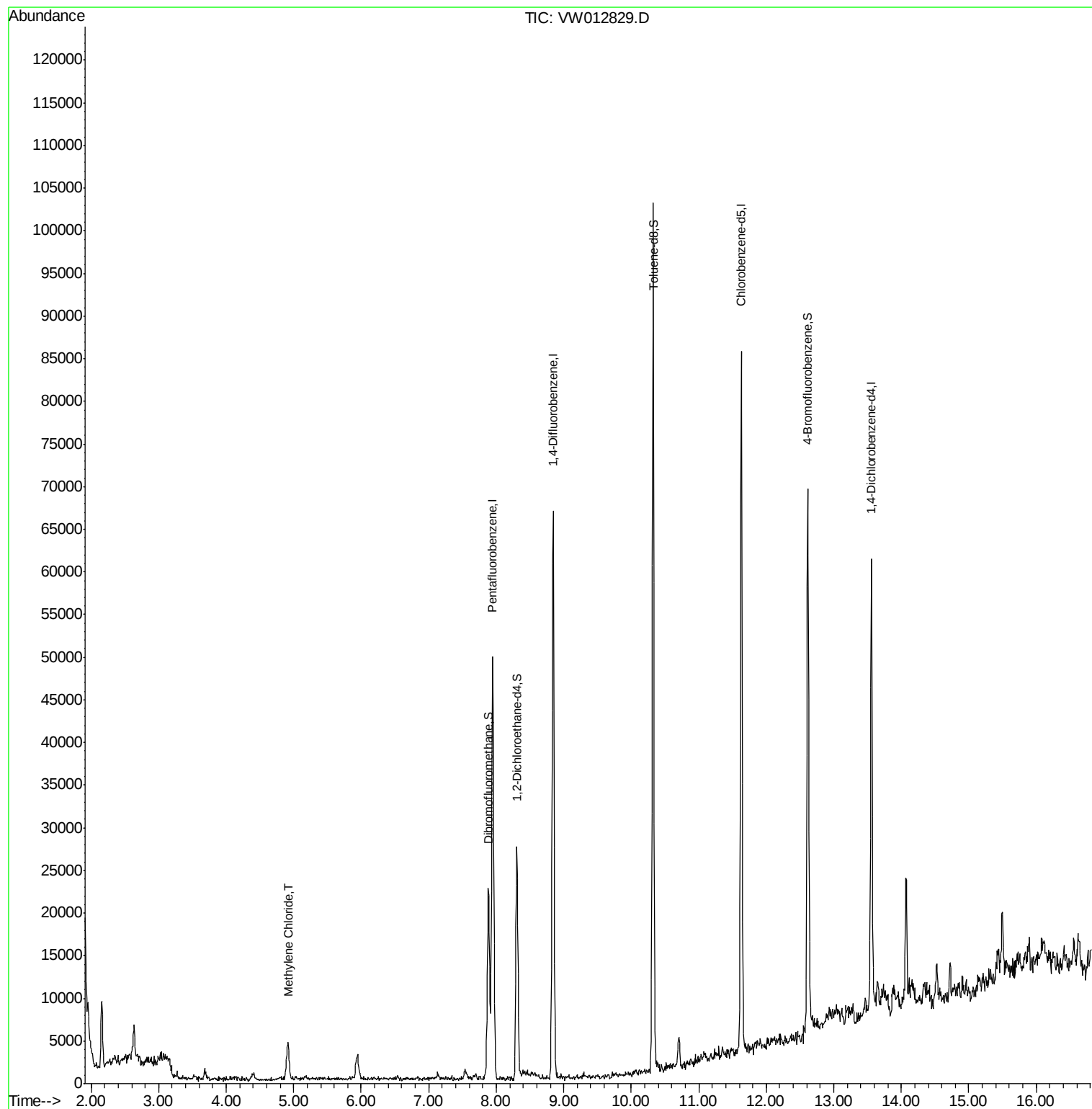
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	38279	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	54273	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	45660	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	13935	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	20672	48.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.66%	
35) Dibromofluoromethane	7.88	113	16600	51.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.90%	
50) Toluene-d8	10.32	98	64811	51.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.54%	
62) 4-Bromofluorobenzene	12.62	95	19154	41.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.48%	
Target Compounds						
20) Methylene Chloride	4.92	84	2719	7.454	ug/l #	Qvalue 82

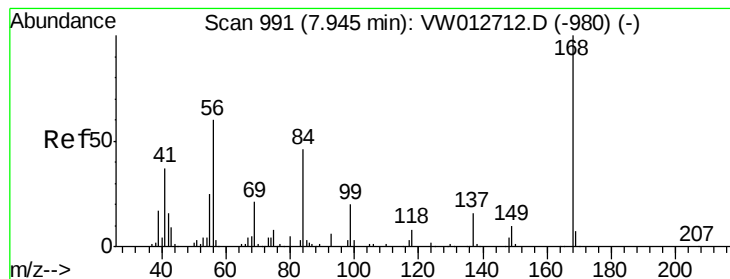
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW012829.D

Acq: 09 Sep 2019 18:33

Instrument :

MSVOA_W

ClientSampleId :

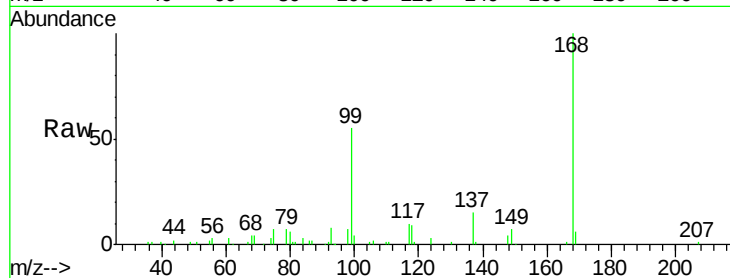
PAR-11-E2-(0)

Tot Ion:168 Resp: 38279

Ion Ratio Lower Upper

168 100

99 54.7 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

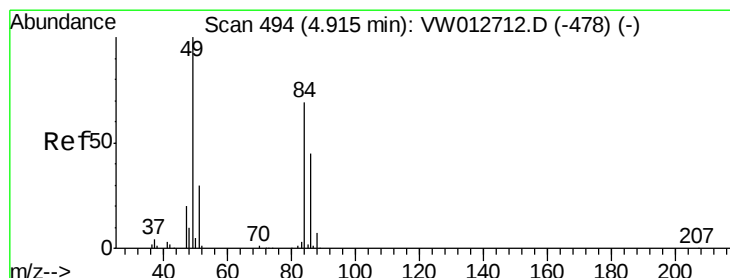
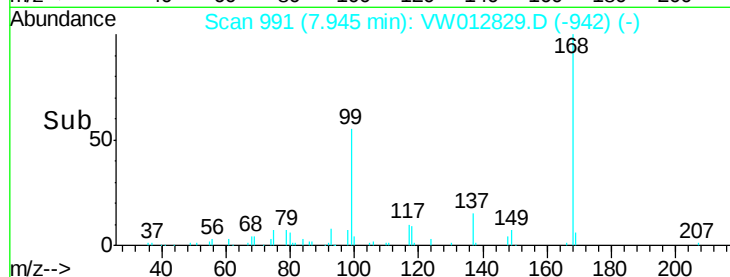
15000

10000

5000

0

Time-->



#20

Methylene Chloride

Concen: 7.454 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW012829.D

Acq: 09 Sep 2019 18:33

Tgt Ion: 84 Resp: 2719

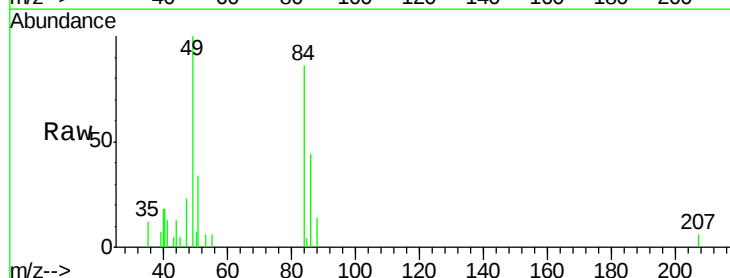
Ion Ratio Lower Upper

84 100

49 116.4 115.4 173.0

51 39.2 34.9 52.3

86 51.6 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

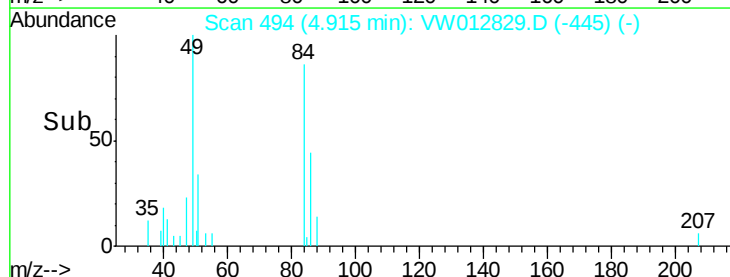
1500

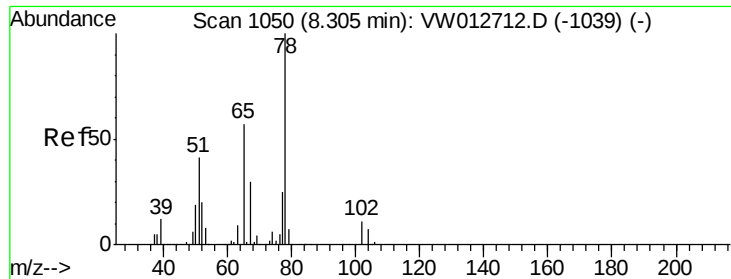
1000

500

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 48.333 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW012829.D

Acq: 09 Sep 2019 18:33

Instrument :

MSVOA_W

ClientSampleId :

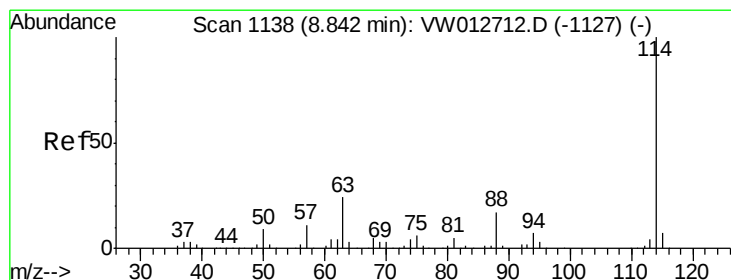
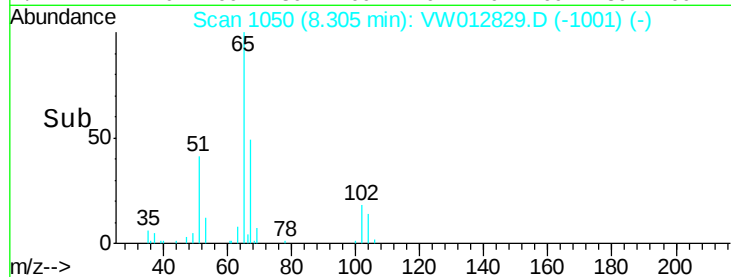
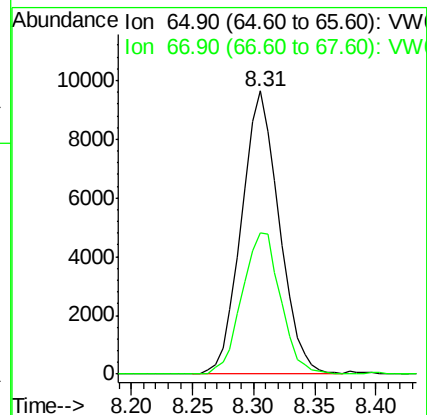
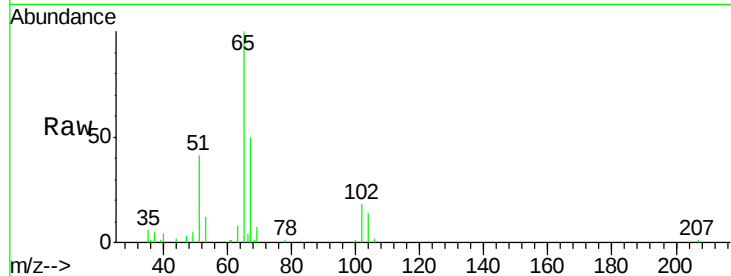
PAR-11-E2-(0)

Tot Ion: 65 Resp: 20672

Ion Ratio Lower Upper

65 100

67 50.9 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: VW012829.D

Acq: 09 Sep 2019 18:33

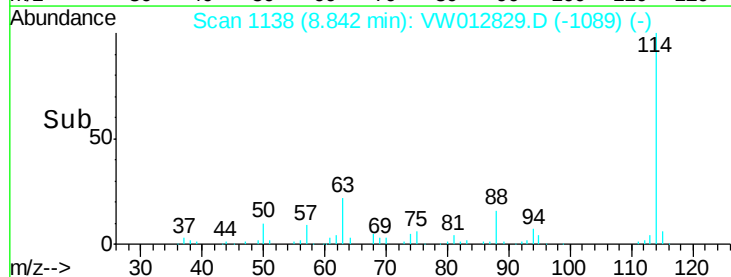
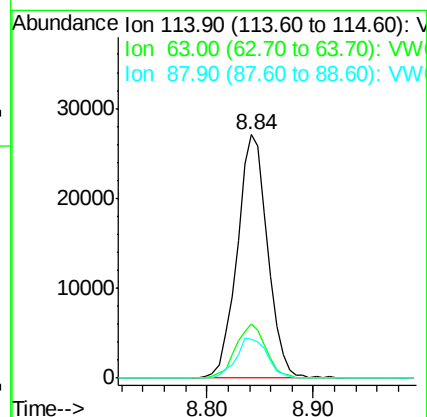
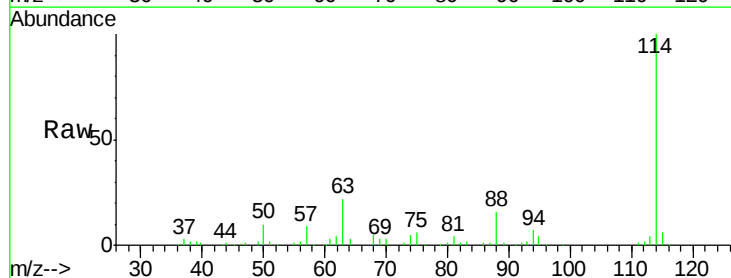
Tgt Ion: 114 Resp: 54273

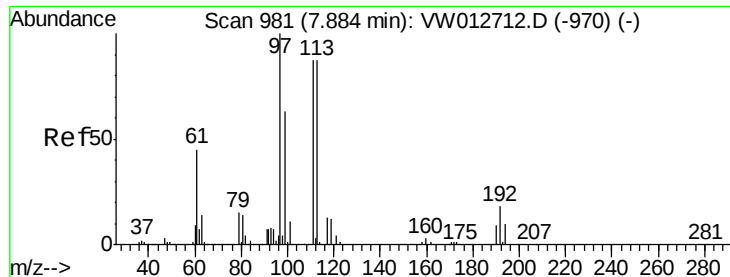
Ion Ratio Lower Upper

114 100

63 22.0 0.0 47.2

88 16.0 0.0 34.0





#35

Dibromofluoromethane

Concen: 51.446 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW012829.D

Acq: 09 Sep 2019 18:33

Instrument :

MSVOA_W

ClientSampleId :

PAR-11-E2-(0)

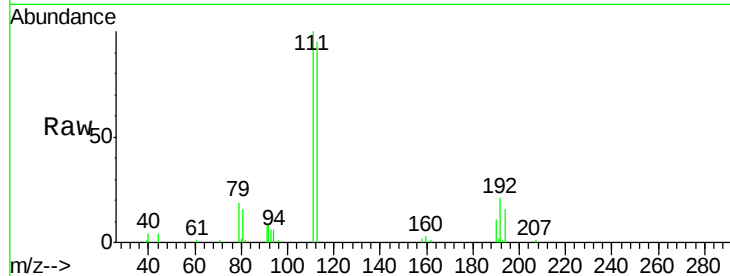
Tot Ion:113 Resp: 16600

Ion Ratio Lower Upper

113 100

111 103.0 80.2 120.4

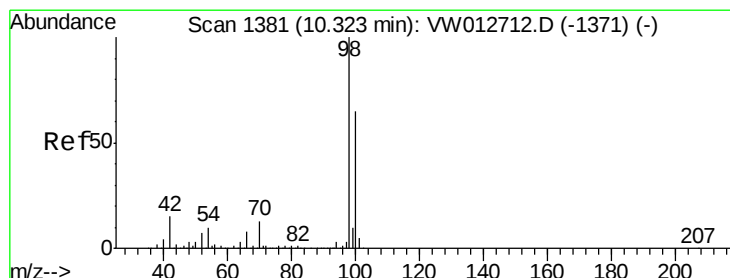
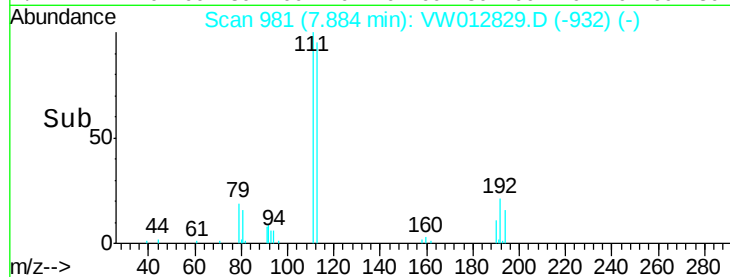
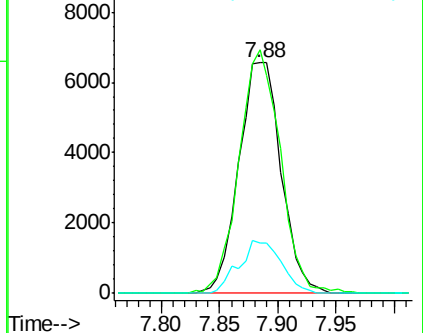
192 22.8 17.3 25.9



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: 51.269 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW012829.D

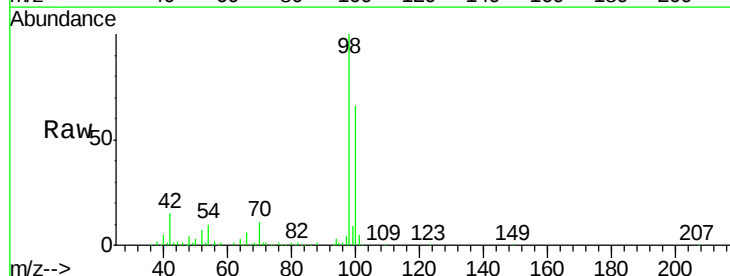
Acq: 09 Sep 2019 18:33

Tgt Ion: 98 Resp: 64811

Ion Ratio Lower Upper

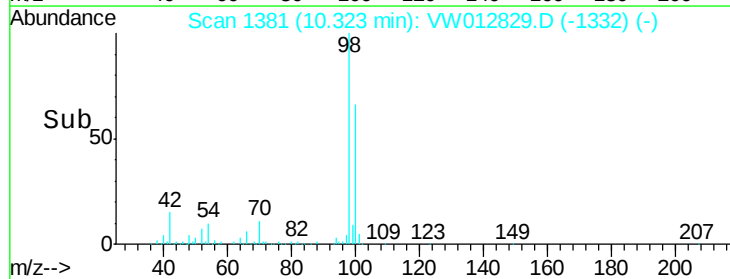
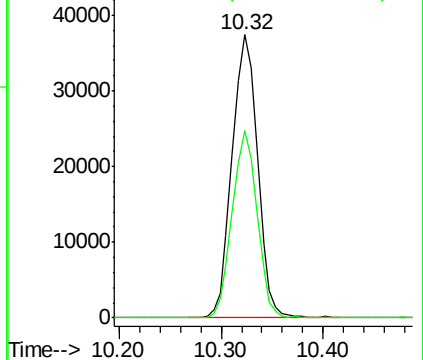
98 100

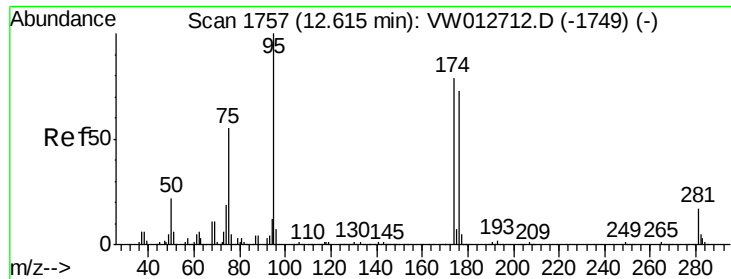
100 64.7 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

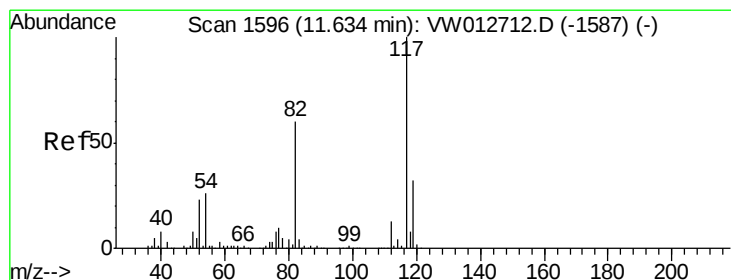
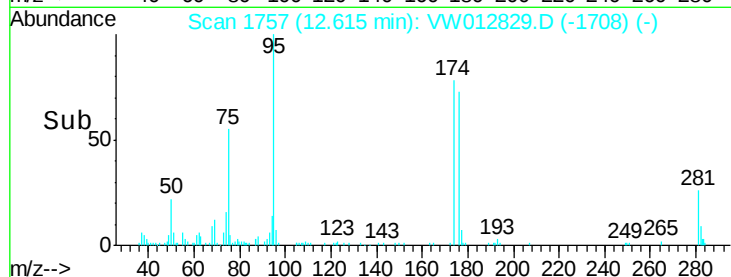
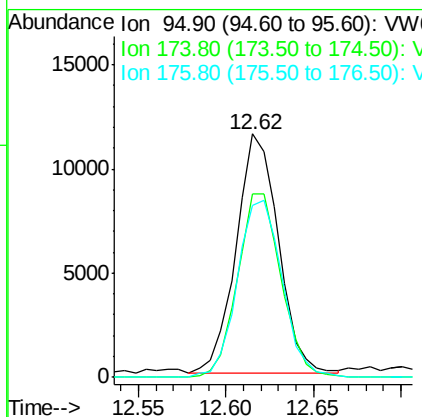
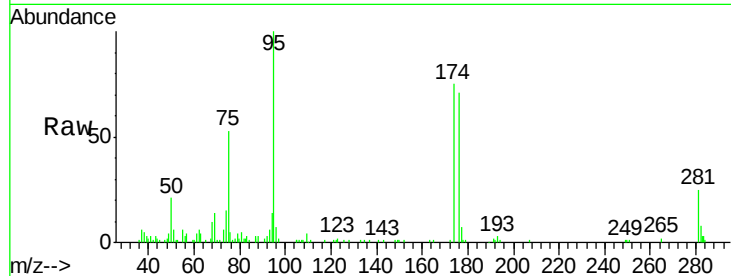




#62
4-Bromofluorobenzene
Concen: 41.737 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW012829.D
Acq: 09 Sep 2019 18:33

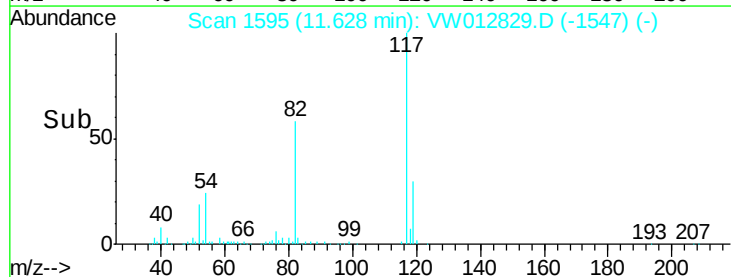
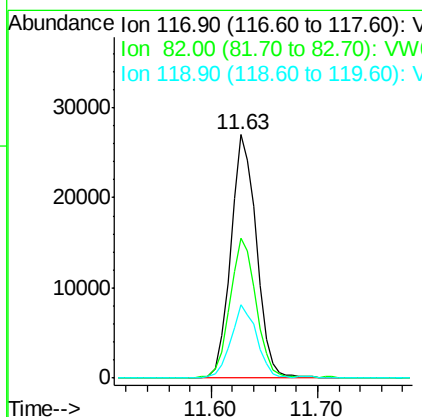
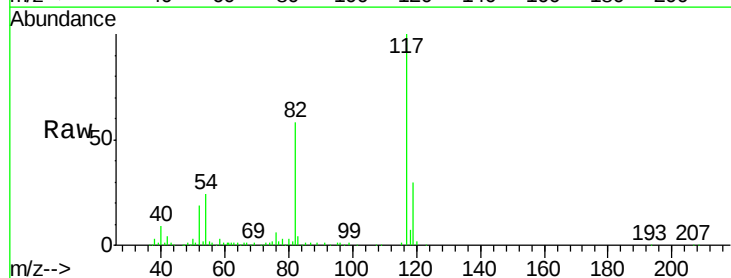
Instrument :
MSVOA_W
ClientSampleId :
PAR-11-E2-(0)

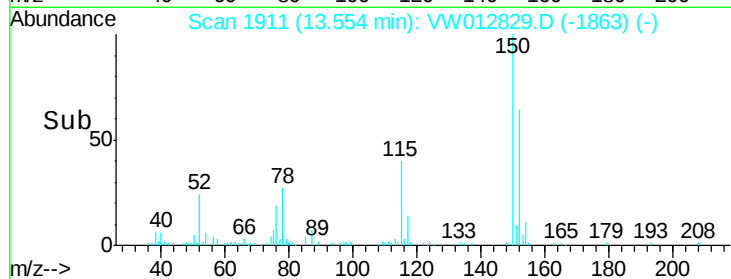
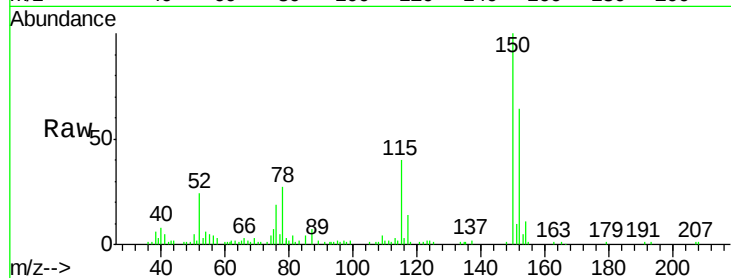
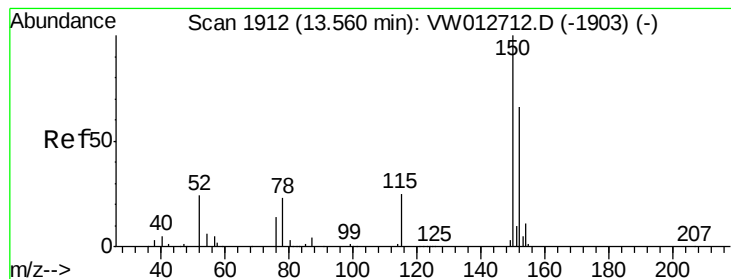
Tot Ion: 95 Resp: 19154
Ion Ratio Lower Upper
95 100
174 79.9 0.0 161.0
176 79.0 0.0 156.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012829.D
Acq: 09 Sep 2019 18:33

Tgt Ion: 117 Resp: 45660
Ion Ratio Lower Upper
117 100
82 57.3 48.2 72.4
119 30.2 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: VW012829.D

Acq: 09 Sep 2019 18:33

Instrument :

MSVOA_W

ClientSampleId :

PAR-11-E2-(0)

Tot Ion:152 Resp: 13935

Ion Ratio Lower Upper

152 100

115 57.2 30.0 90.1

150 153.0 0.0 349.0

