

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090519\
 Data File : VW012672.D
 Acq On : 06 Sep 2019 05:39
 Operator : SY/VA
 Sample : K4579-17
 Misc : 5.63G/5ML/MSVOA W/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PAR-12-C1-(0)

Quant Time: Sep 06 08:51:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

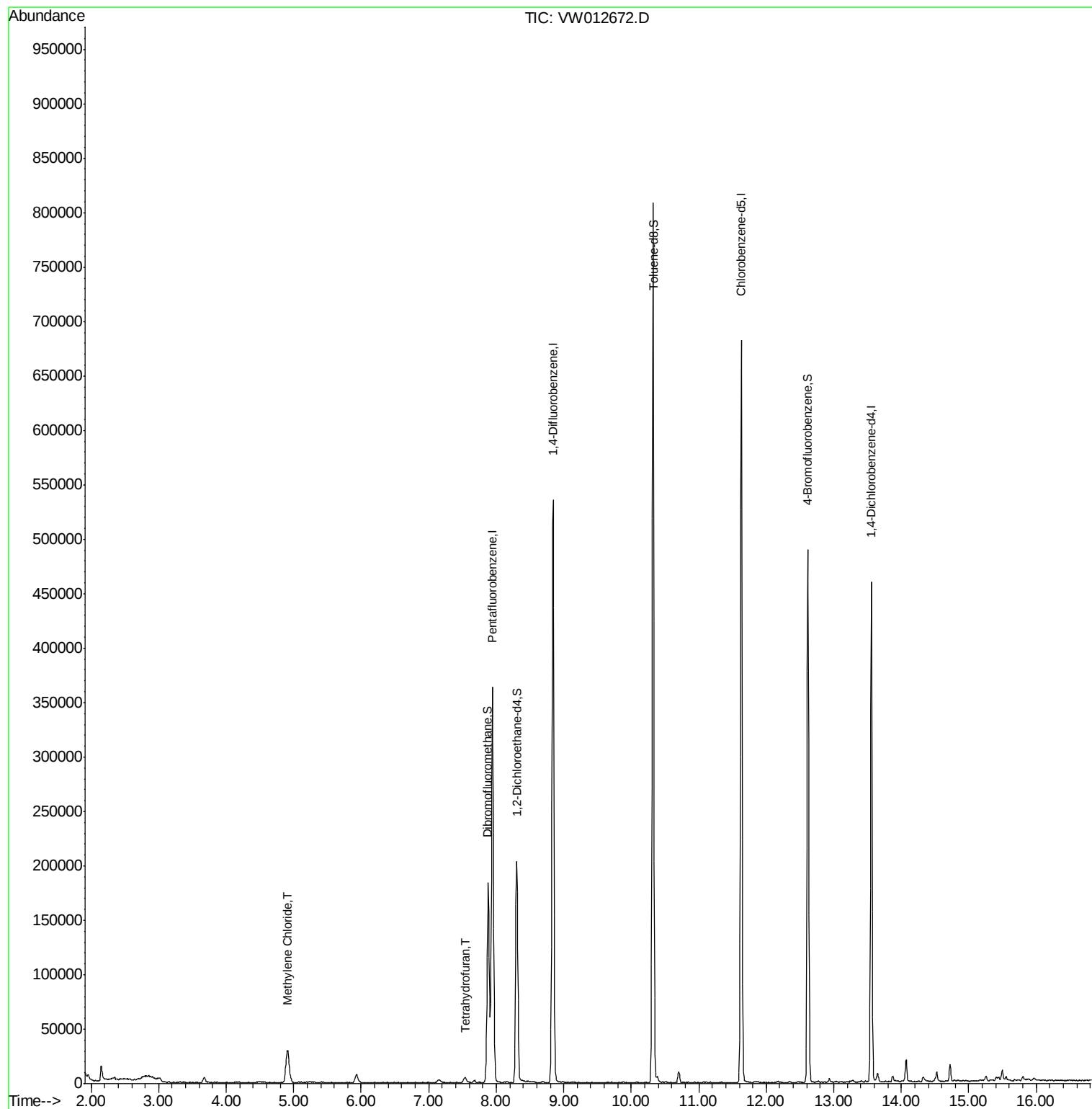
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	261340	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	416454	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	351221	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	117235	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	169814	54.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.32%	
35) Dibromofluoromethane	7.88	113	130573	52.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.06%	
50) Toluene-d8	10.32	98	516724	51.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.54%	
62) 4-Bromofluorobenzene	12.62	95	151864	42.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.48%	
Target Compounds						
20) Methylene Chloride	4.91	84	21674	7.219	ug/l	96
29) Tetrahydrofuran	7.54	42	4446	6.867	ug/l	100

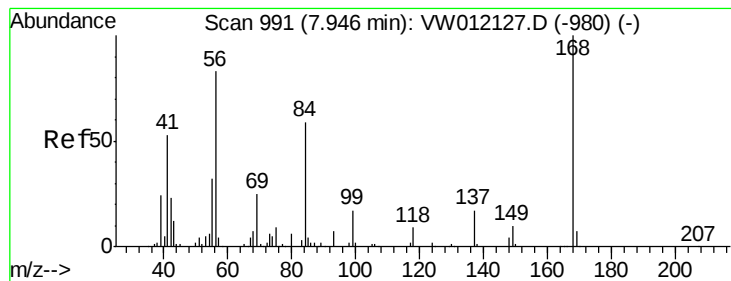
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW012672.D

Acq: 06 Sep 2019 05:39

Instrument :

MSVOA_W

ClientSampled :

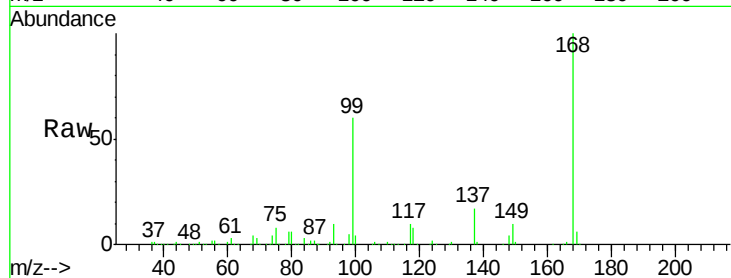
PAR-12-C1-(0)

Tot Ion:168 Resp: 261340

Ion Ratio Lower Upper

168 100

99 59.6 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

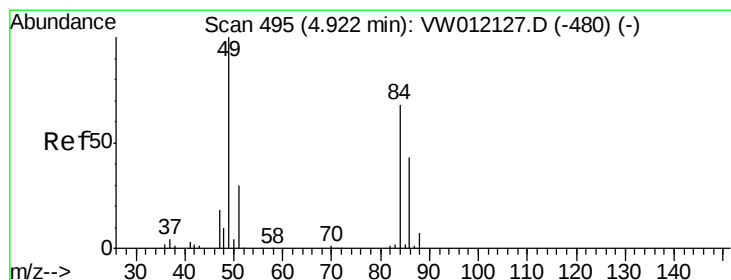
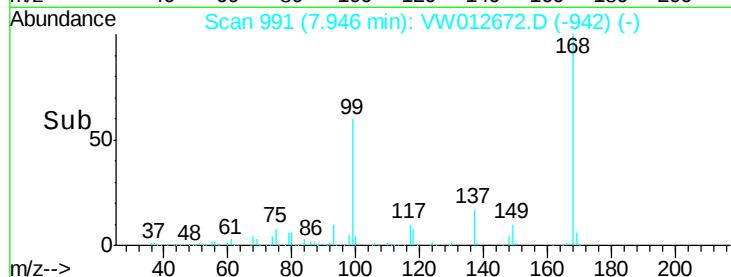
7.95

100000

50000

0

Time--> 7.80 7.90 8.00



#20

Methylene Chloride

Concen: 7.219 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW012672.D

Acq: 06 Sep 2019 05:39

Tgt Ion: 84 Resp: 21674

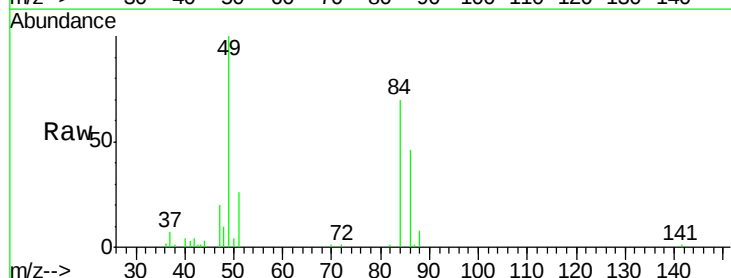
Ion Ratio Lower Upper

84 100

49 142.6 117.8 176.8

51 37.6 35.6 53.4

86 65.5 51.2 76.8



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

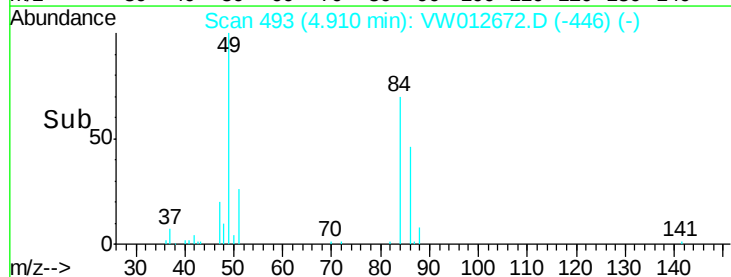
15000

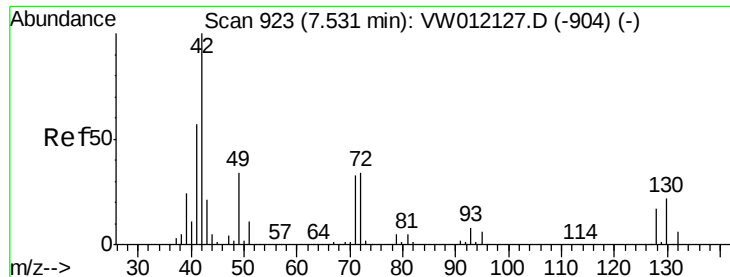
10000

5000

0

Time--> 4.80 4.90 5.00





#29

Tetrahydrofuran

Concen: 6.867 ug/l

RT: 7.54 min Scan# 925

Delta R.T. 0.01 min

Lab File: VW012672.D

Acq: 06 Sep 2019 05:39

Instrument :

MSVOA_W

ClientSampleId :

PAR-12-C1-(0)

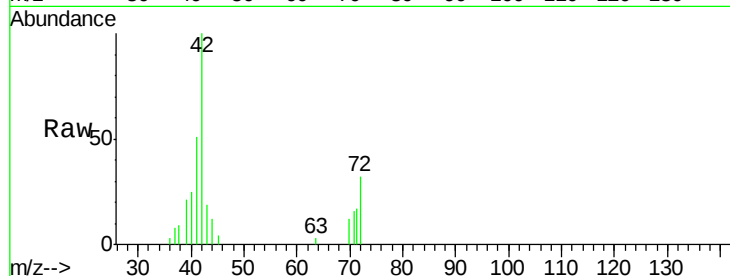
Tot Ion: 42 Resp: 4446

Ion Ratio Lower Upper

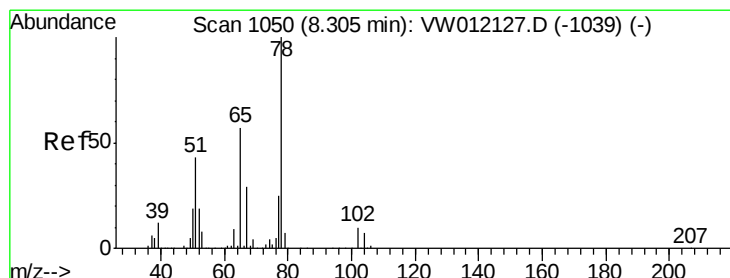
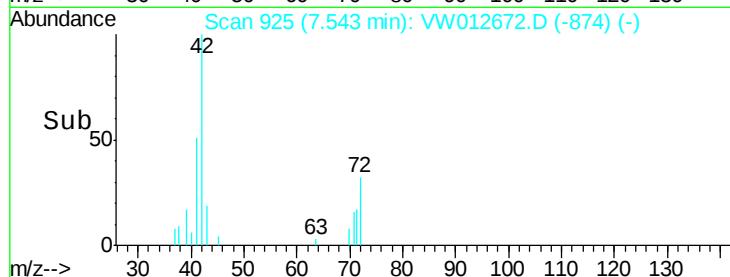
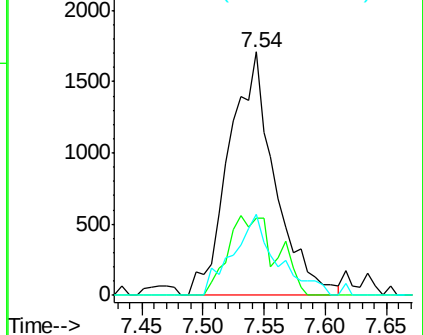
42 100

72 34.3 27.3 40.9

71 32.1 25.5 38.3



Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW



#33

1,2-Dichloroethane-d4

Concen: 54.661 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW012672.D

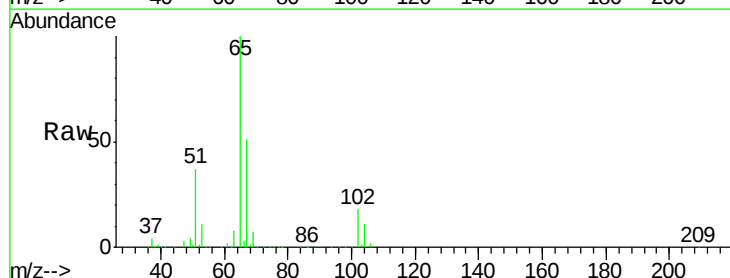
Acq: 06 Sep 2019 05:39

Tgt Ion: 65 Resp: 169814

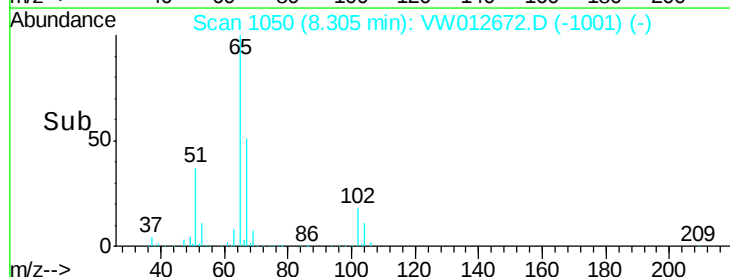
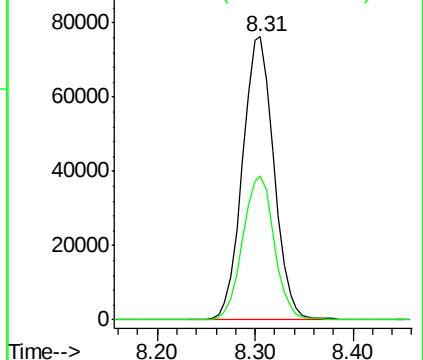
Ion Ratio Lower Upper

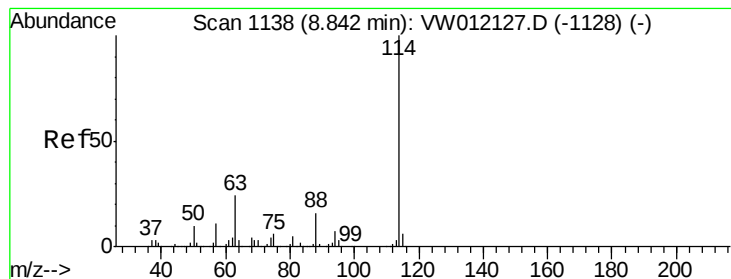
65 100

67 51.3 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW012672.D

Acq: 06 Sep 2019 05:39

Instrument :

MSVOA_W

ClientSampleId :

PAR-12-C1-(0)

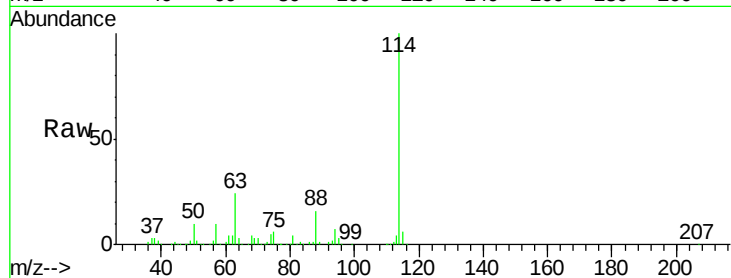
Tot Ion:114 Resp: 416454

Ion Ratio Lower Upper

114 100

63 23.8 0.0 48.6

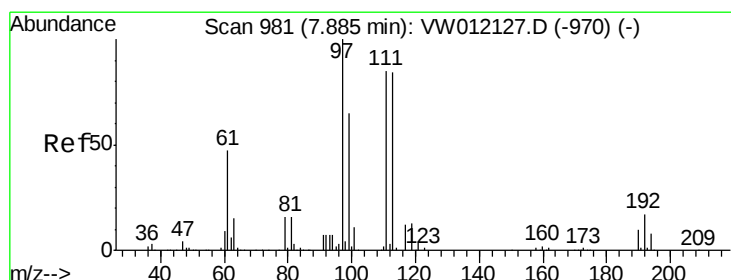
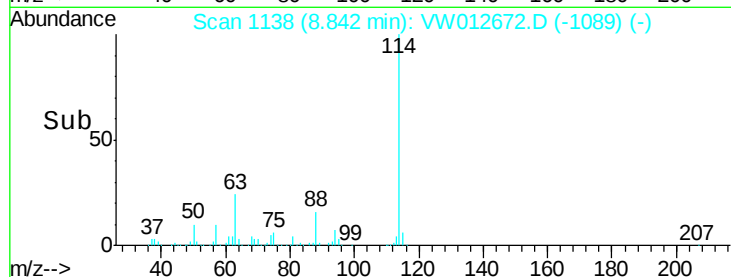
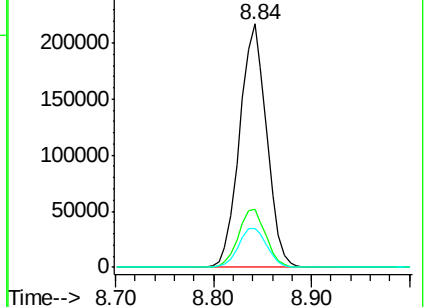
88 16.1 0.0 32.2



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: 52.527 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW012672.D

Acq: 06 Sep 2019 05:39

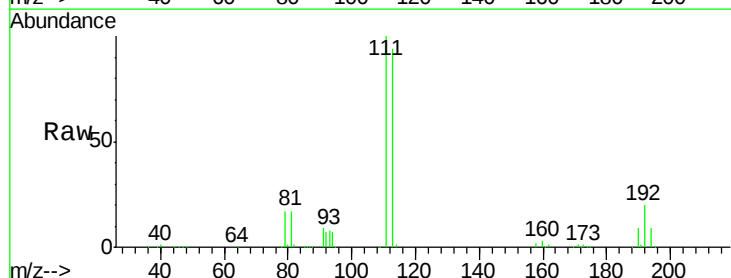
Tgt Ion:113 Resp: 130573

Ion Ratio Lower Upper

113 100

111 101.9 82.7 124.1

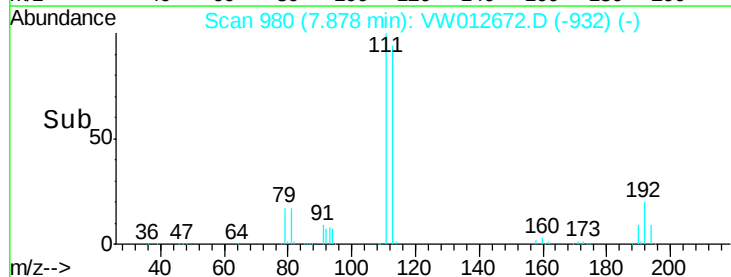
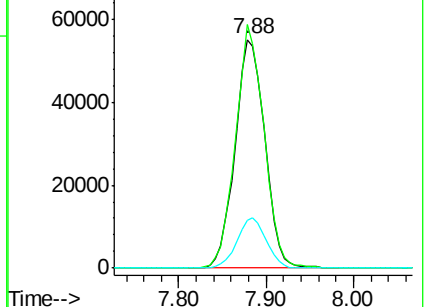
192 21.6 16.2 24.2

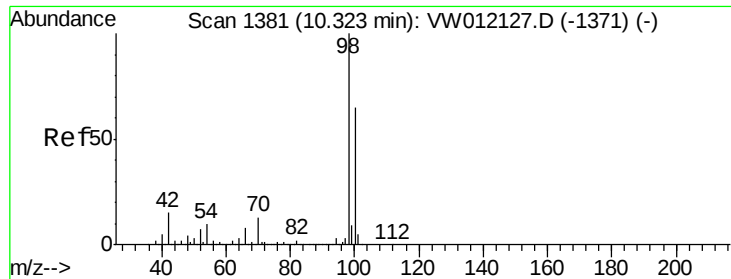


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.266 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW012672.D

Acq: 06 Sep 2019 05:39

Instrument :

MSVOA_W

ClientSampleId :

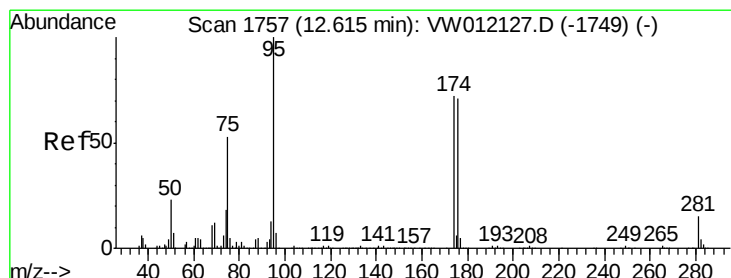
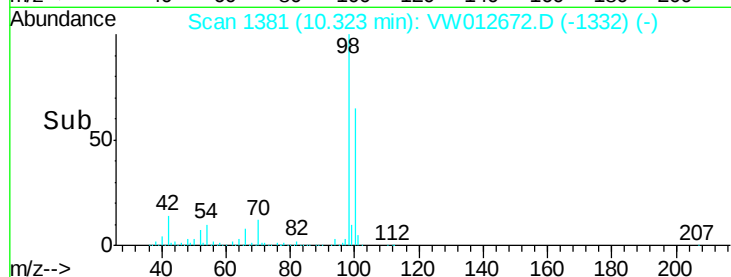
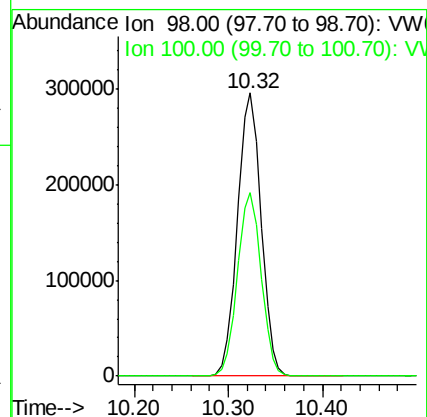
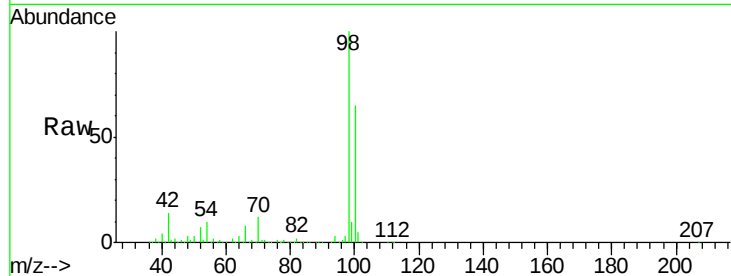
PAR-12-C1-(0)

Tot Ion: 98 Resp: 516724

Ion Ratio Lower Upper

98 100

100 64.9 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 42.743 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW012672.D

Acq: 06 Sep 2019 05:39

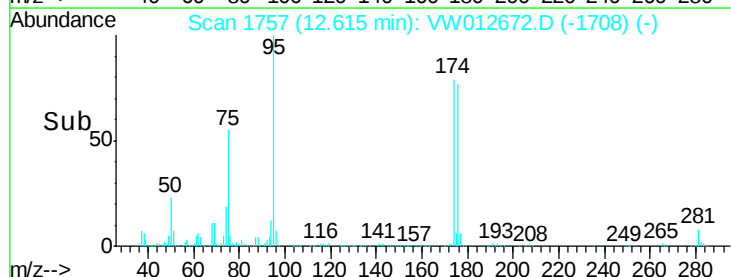
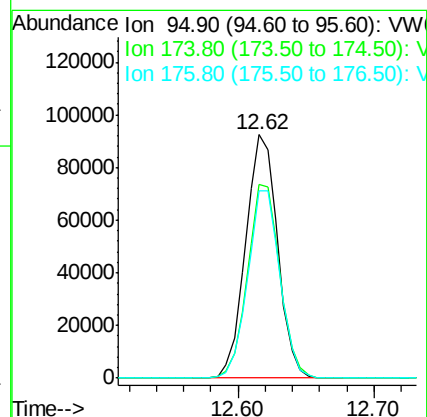
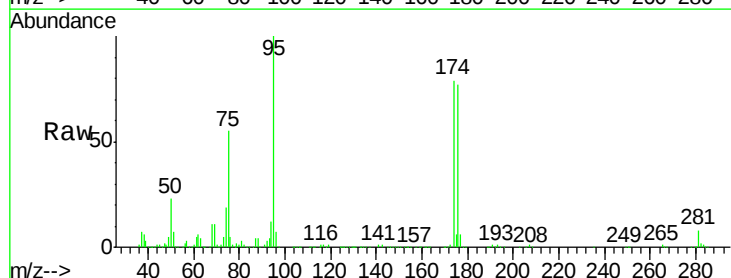
Tgt Ion: 95 Resp: 151864

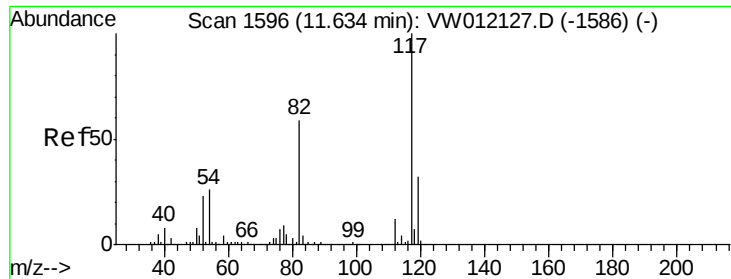
Ion Ratio Lower Upper

95 100

174 80.3 0.0 150.8

176 77.8 0.0 148.6

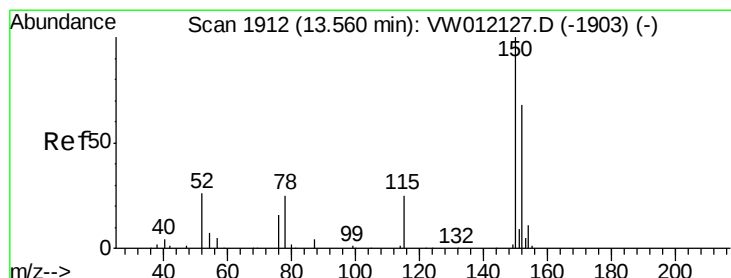
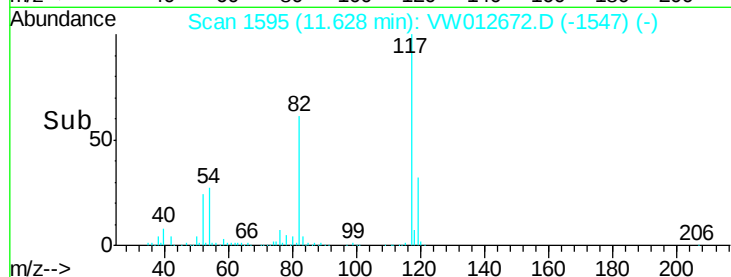
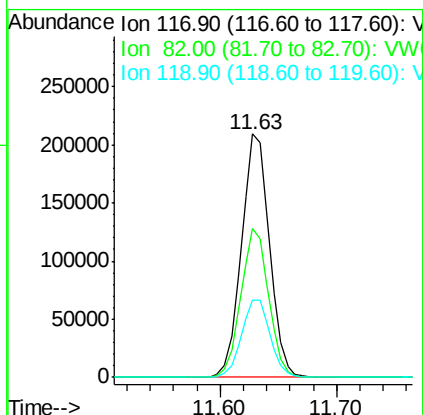
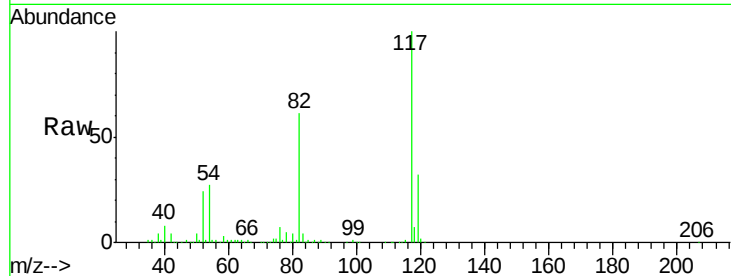




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012672.D
Acq: 06 Sep 2019 05:39

Instrument :
MSVOA_W
ClientSampleId :
PAR-12-C1-(0)

Tot Ion	Ratio	Lower	Upper
117	100		
82	61.4	47.4	71.2
119	31.5	25.4	38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW012672.D
Acq: 06 Sep 2019 05:39

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.6	30.1	90.3
150	156.2	0.0	345.8

