

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072019\
 Data File : VW011401.D
 Acq On : 20 Jul 2019 03:57
 Operator : SY/VA
 Sample : K3887-07
 Misc : 5.55G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 AOC-7(4)

Quant Time: Jul 20 06:53:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 11 08:14:17 2019
 Response via : Initial Calibration

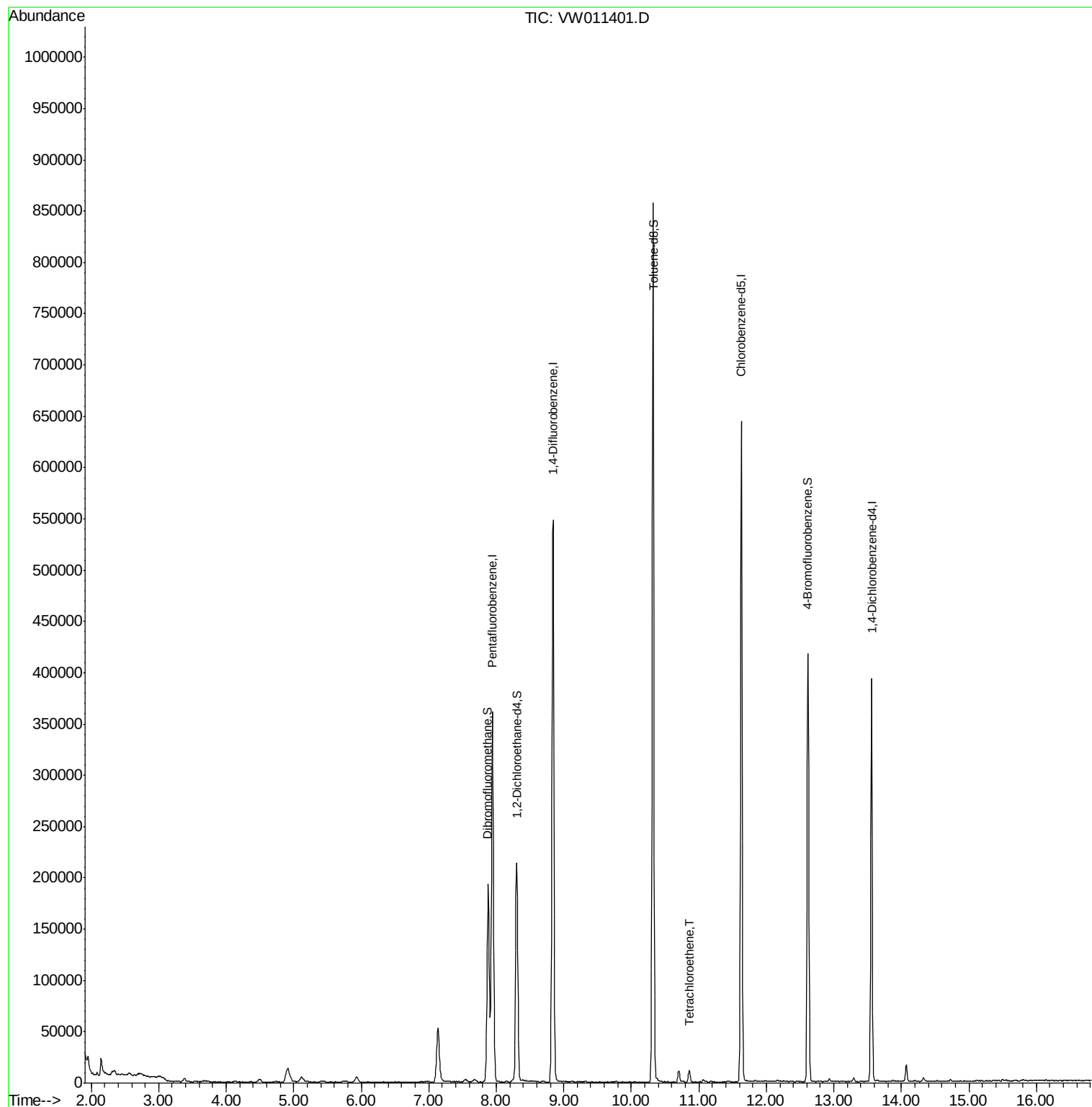
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	263787	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	439681	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	331744	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	94462	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	174707	52.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.42%	
35) Dibromofluoromethane	7.88	113	139556	53.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.50%	
50) Toluene-d8	10.32	98	538909	50.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.74%	
62) 4-Bromofluorobenzene	12.62	95	134674	34.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.36%	
Target Compounds						
64) Tetrachloroethene	10.87	164	2432	1.086	ug/l #	76

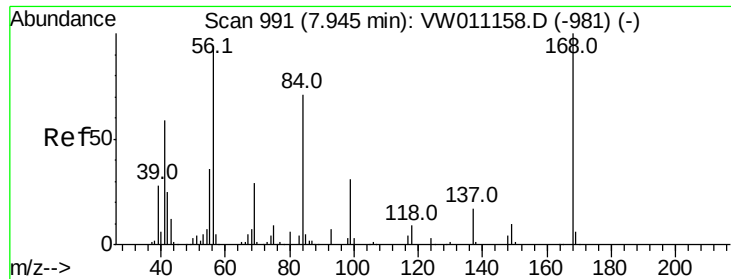
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jul 11 08:14:17 2019
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: VW011401.D

Acq: 20 Jul 2019 03:57

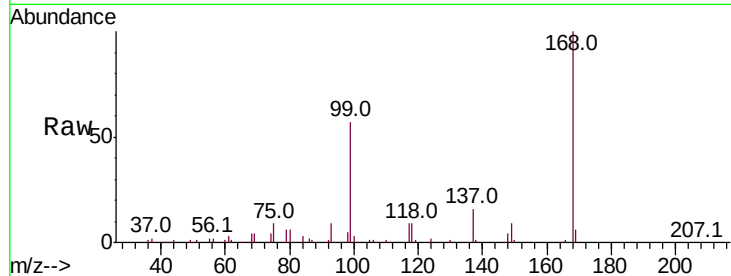
Instrument :
MSVOA_W
ClientSampleId :
AOC-7(4)

Tot Ion:168 Resp: 263787

Ion Ratio Lower Upper

168 100

99 56.7 50.1 75.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

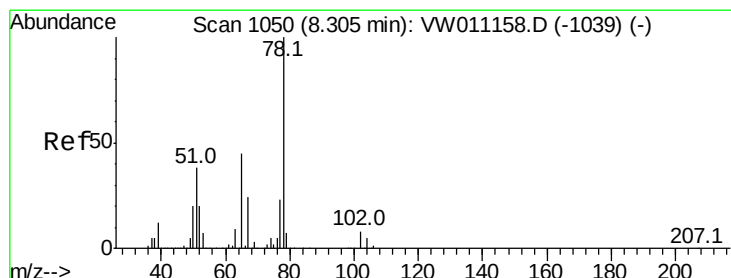
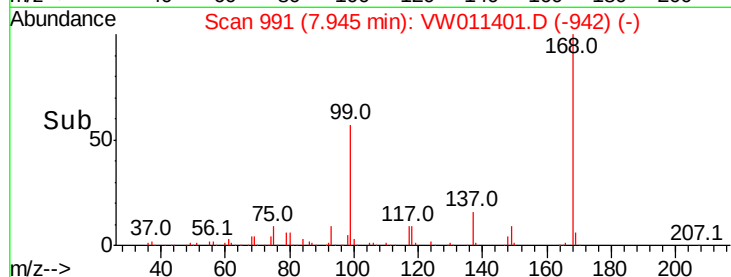
7.95

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 52.709 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW011401.D

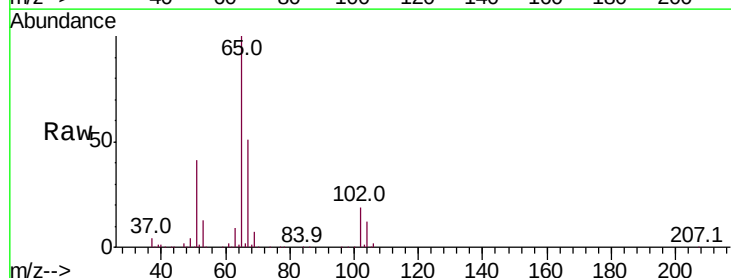
Acq: 20 Jul 2019 03:57

Tgt Ion: 65 Resp: 174707

Ion Ratio Lower Upper

65 100

67 51.6 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

80000

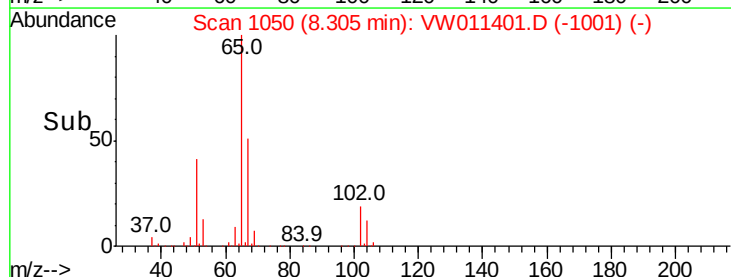
60000

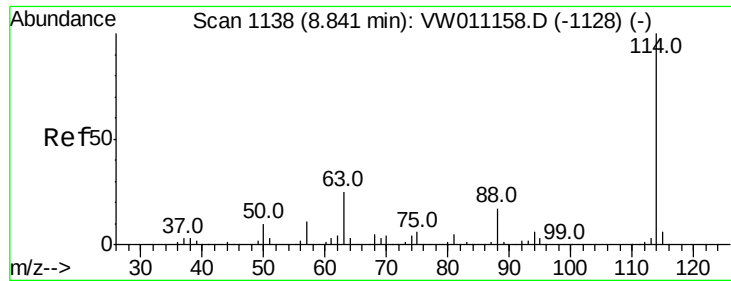
40000

20000

0

Time--> 8.20 8.30 8.40

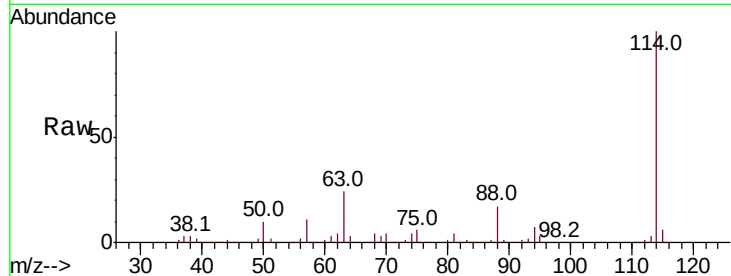




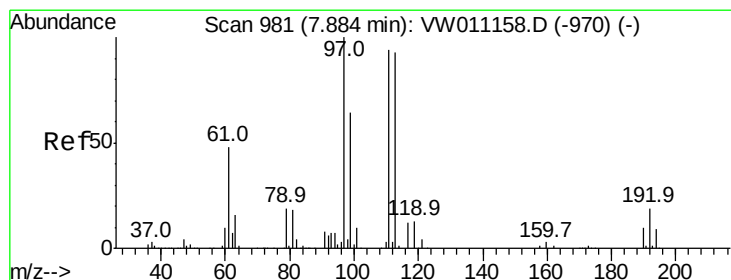
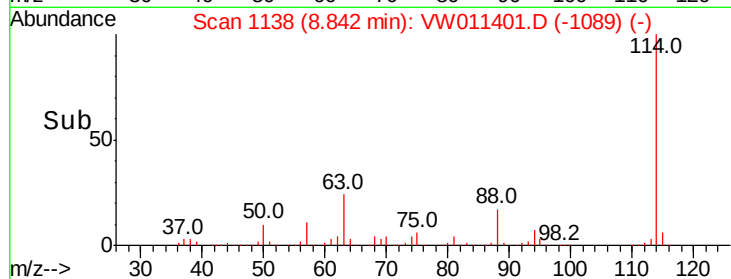
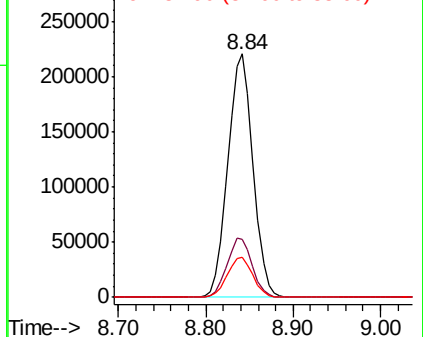
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011401.D
 Acq: 20 Jul 2019 03:57

Instrument :
 MSVOA_W
 ClientSampleId :
 AOC-7(4)

Tot Ion	Ratio	Lower	Upper
114	100		
63	23.9	0.0	50.8
88	16.6	0.0	34.2

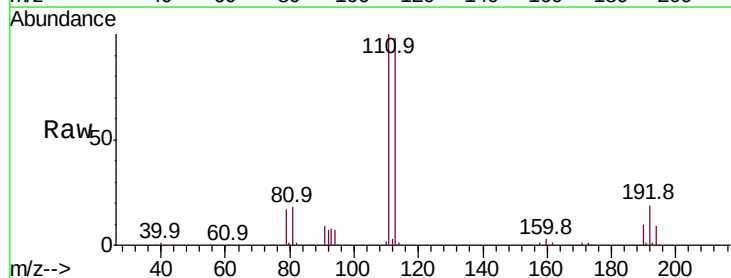


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

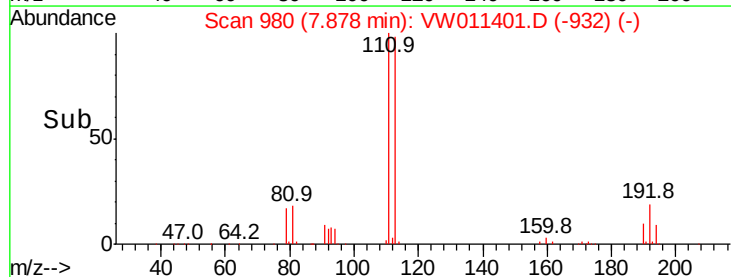
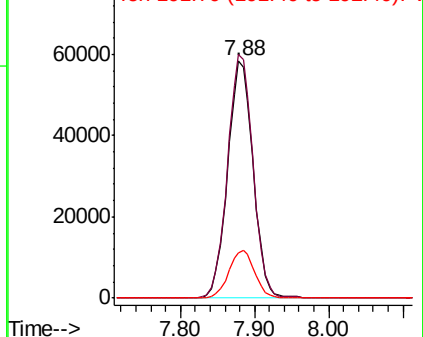


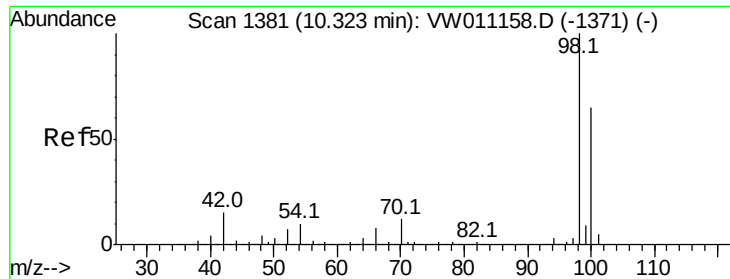
#35
 Dibromofluoromethane
 Concen: 53.252 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW011401.D
 Acq: 20 Jul 2019 03:57

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.4	123.6
192	20.3	15.8	23.8



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: 50.873 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW011401.D

Acq: 20 Jul 2019 03:57

Instrument :

MSVOA_W

ClientSampleId :

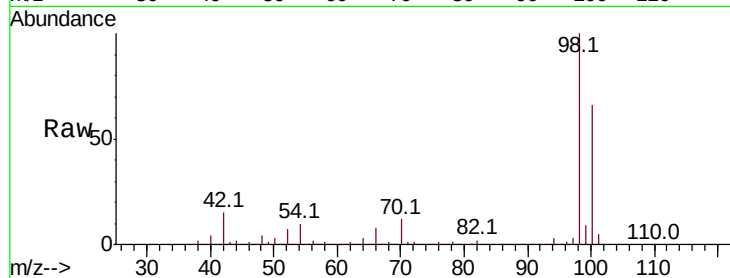
AOC-7(4)

Tot Ion: 98 Resp: 538909

Ion Ratio Lower Upper

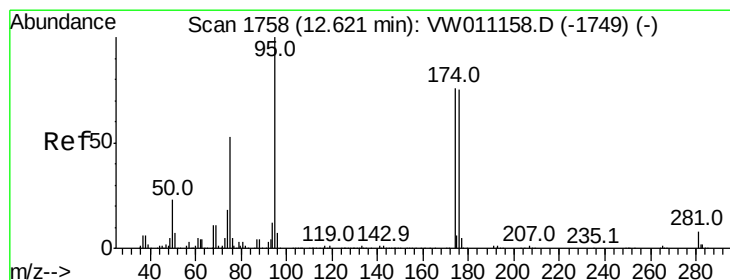
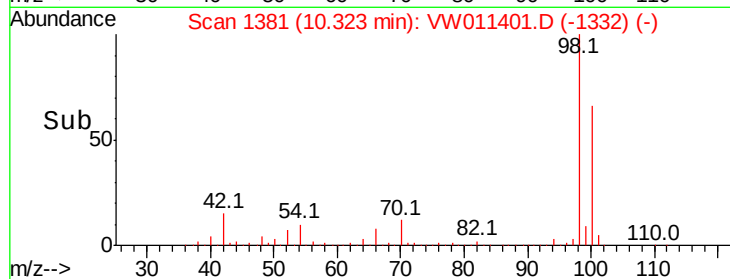
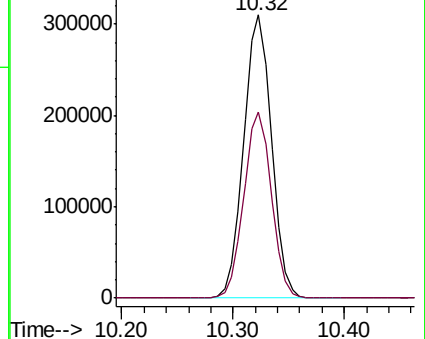
98 100

100 65.1 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 34.685 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW011401.D

Acq: 20 Jul 2019 03:57

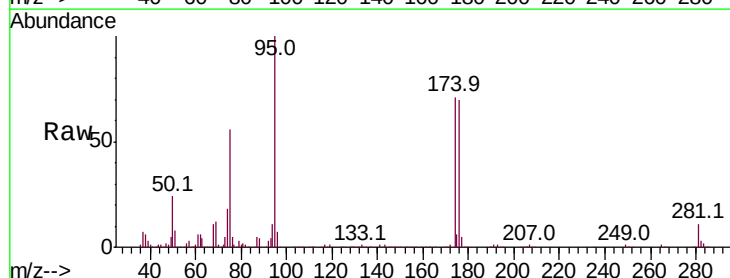
Tgt Ion: 95 Resp: 134674

Ion Ratio Lower Upper

95 100

174 75.5 0.0 147.6

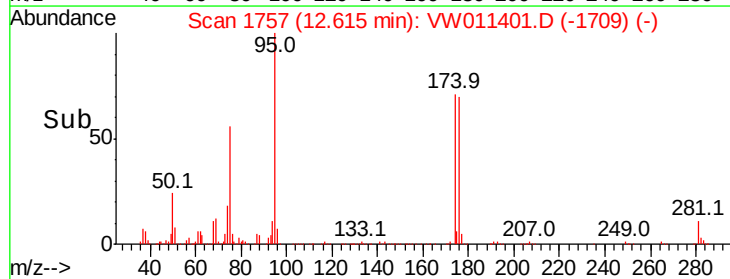
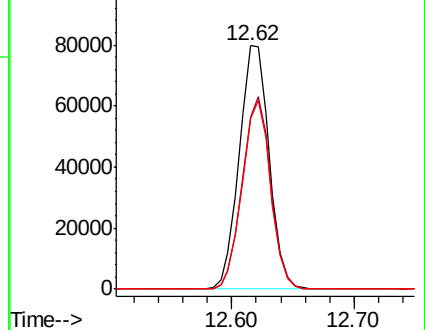
176 73.6 0.0 144.6

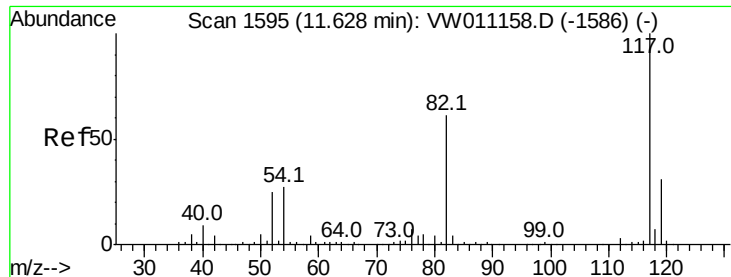


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

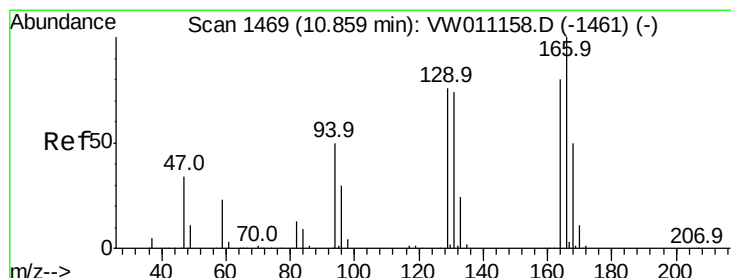
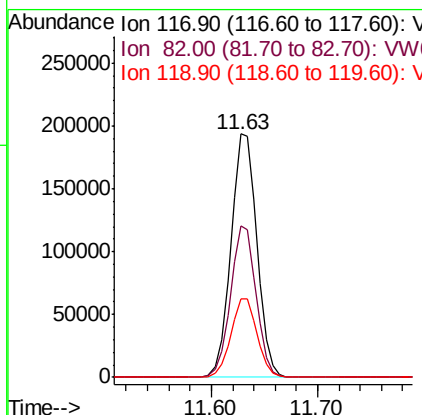
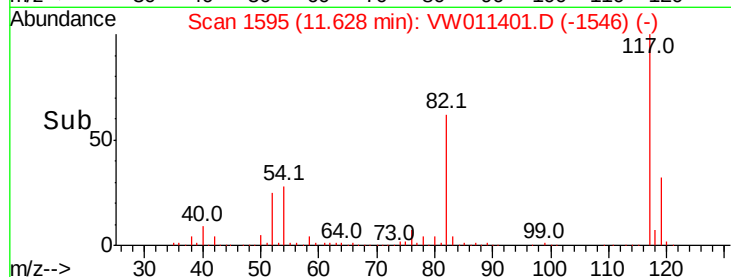
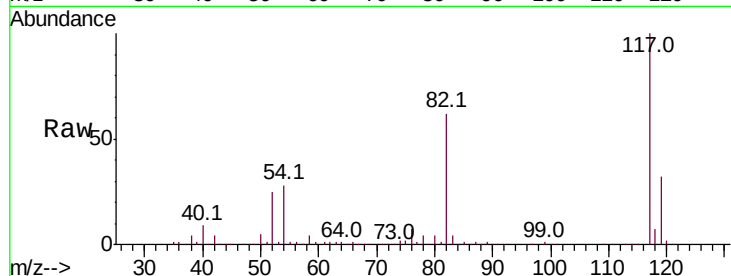




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW011401.D
Acq: 20 Jul 2019 03:57

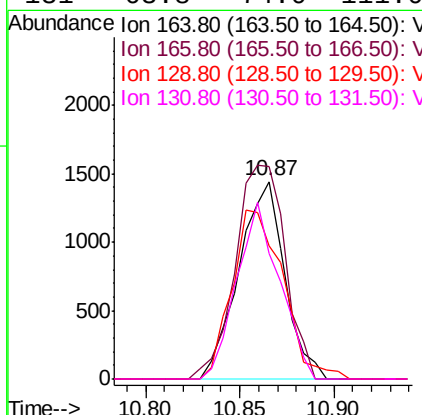
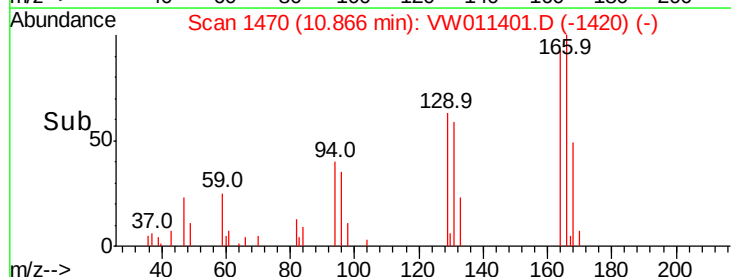
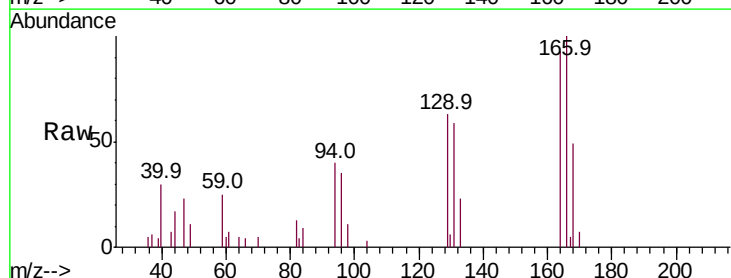
Instrument :
MSVOA_W
ClientSampled :
AOC-7(4)

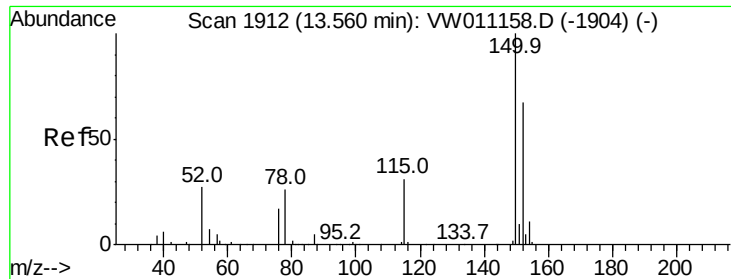
Tot Ion:117 Resp: 331744
Ion Ratio Lower Upper
117 100
82 62.4 48.9 73.3
119 32.4 25.0 37.6



#64
Tetrachloroethene
Concen: 1.086 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VW011401.D
Acq: 20 Jul 2019 03:57

Tgt Ion:164 Resp: 2432
Ion Ratio Lower Upper
164 100
166 107.4 99.7 149.5
129 67.2 76.2 114.2#
131 63.8 74.0 111.0#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW011401.D

Acq: 20 Jul 2019 03:57

Instrument :

MSVOA_W

ClientSampleId :

AOC-7(4)

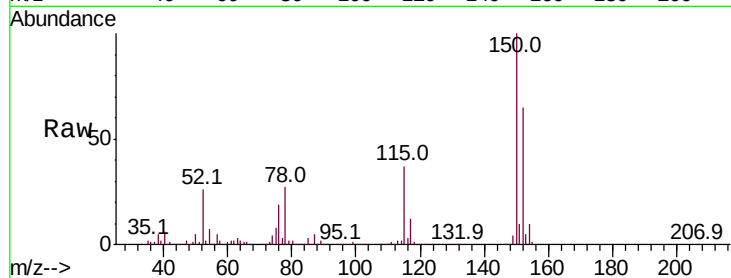
Tot Ion:152 Resp: 94462

Ion Ratio Lower Upper

152 100

115 61.0 30.1 90.3

150 157.5 0.0 346.0



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

