

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072019\
 Data File : VW011398.D
 Acq On : 20 Jul 2019 02:38
 Operator : SY/VA
 Sample : K3887-01
 Misc : 4.80G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 AOC-7(1)

Quant Time: Jul 20 06:49:21 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

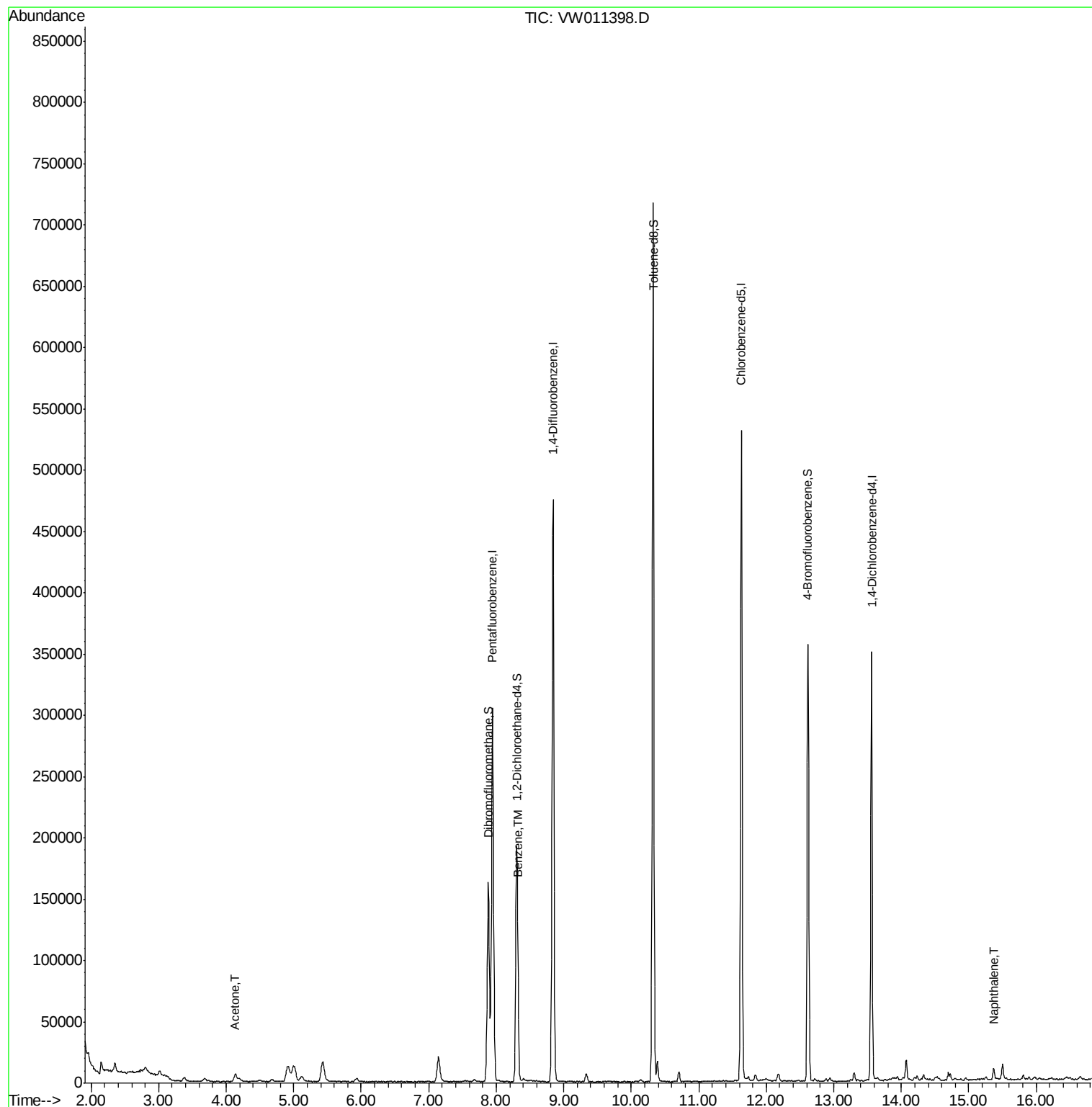
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	221683	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	372319	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	276965	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	86330	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	146678	52.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.32%	
35) Dibromofluoromethane	7.88	113	116086	52.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.62%	
50) Toluene-d8	10.32	98	442829	49.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.74%	
62) 4-Bromofluorobenzene	12.62	95	116968	35.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.16%	
Target Compounds						
16) Acetone	4.14	43	12834	19.149	ug/l	96
40) Benzene	8.32	78	11482	1.048	ug/l	97
95) Naphthalene	15.36	128	7257	2.175	ug/l	96

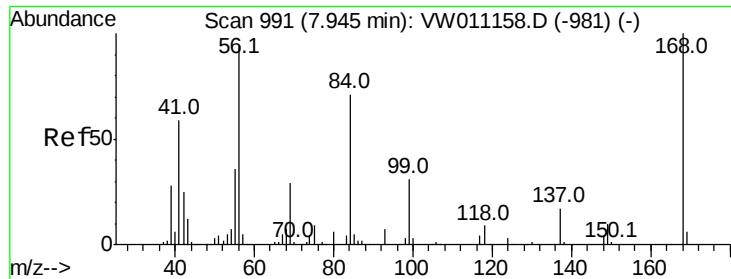
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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: VW011398.D

Acq: 20 Jul 2019 02:38

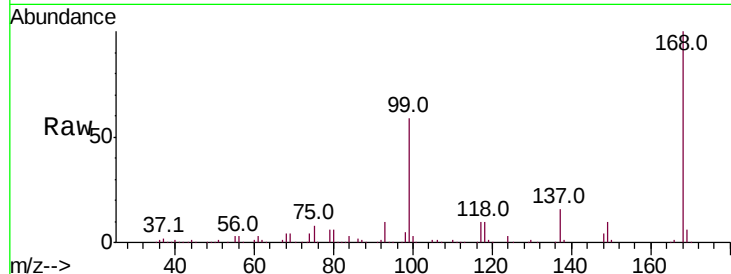
Instrument :
MSVOA_W
ClientSampled :
AOC-7(1)

Tot Ion:168 Resp: 221683

Ion Ratio Lower Upper

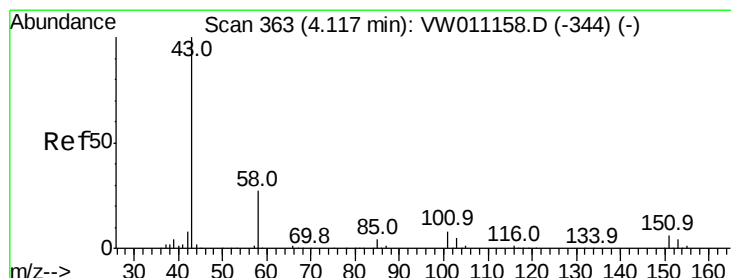
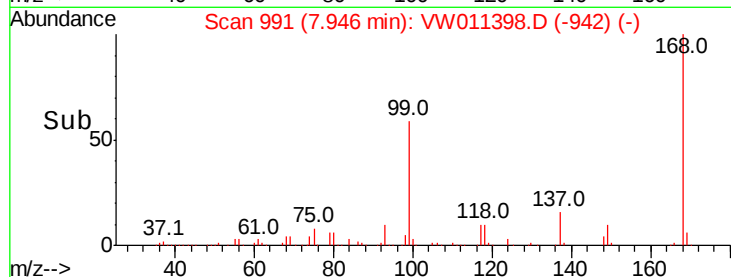
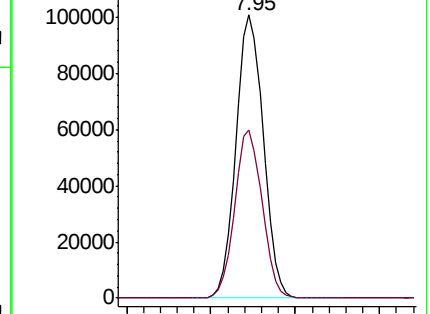
168 100

99 59.4 50.1 75.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 19.149 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW011398.D

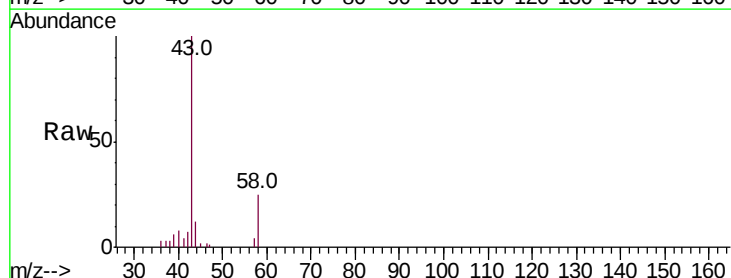
Acq: 20 Jul 2019 02:38

Tgt Ion: 43 Resp: 12834

Ion Ratio Lower Upper

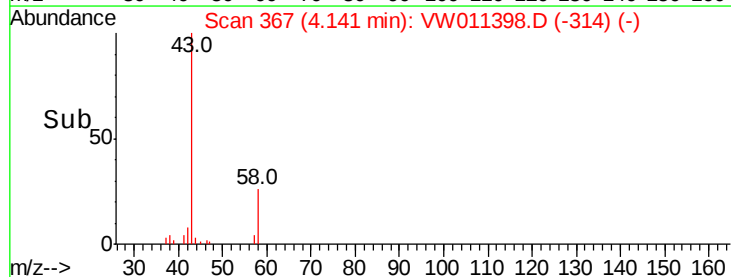
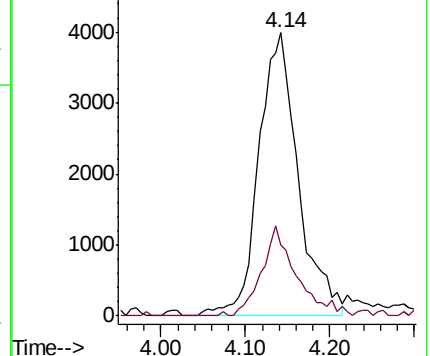
43 100

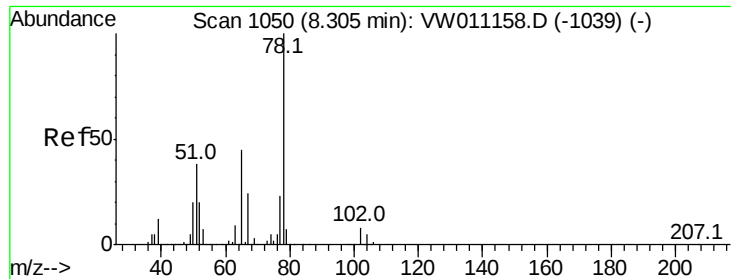
58 25.1 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#33

1,2-Dichloroethane-d4

Concen: 52.657 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW011398.D

Acq: 20 Jul 2019 02:38

Instrument :

MSVOA_W

ClientSampleId :

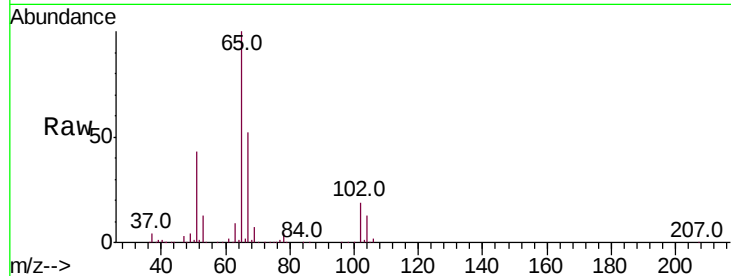
AOC-7(1)

Tot Ion: 65 Resp: 146678

Ion Ratio Lower Upper

65 100

67 51.9 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

60000

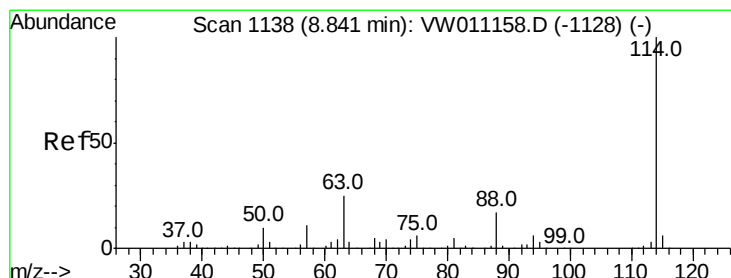
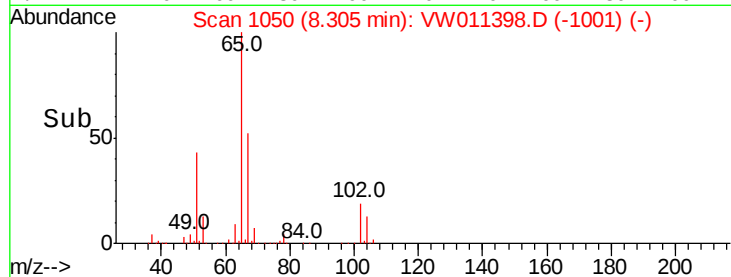
40000

20000

0

8.20 8.30 8.40

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW011398.D

Acq: 20 Jul 2019 02:38

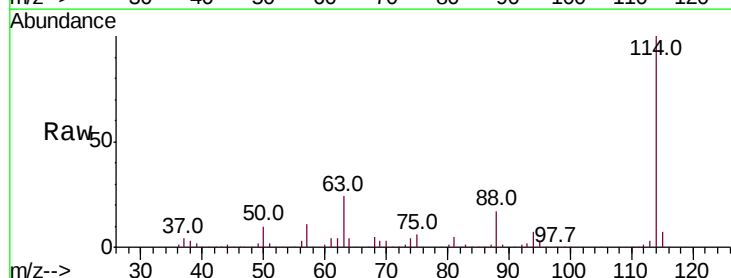
Tgt Ion: 114 Resp: 372319

Ion Ratio Lower Upper

114 100

63 24.3 0.0 50.8

88 17.5 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

8.84

250000

200000

150000

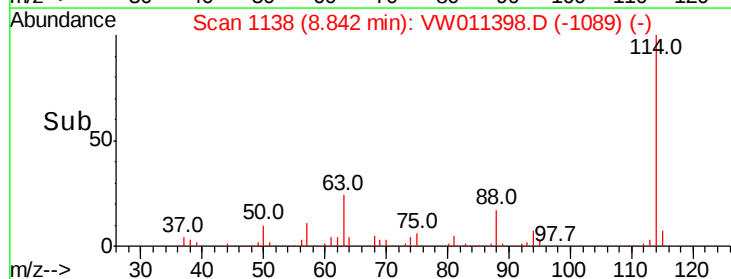
100000

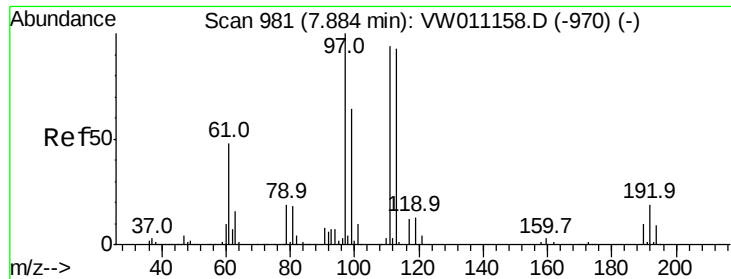
50000

0

8.70 8.80 8.90

Time-->

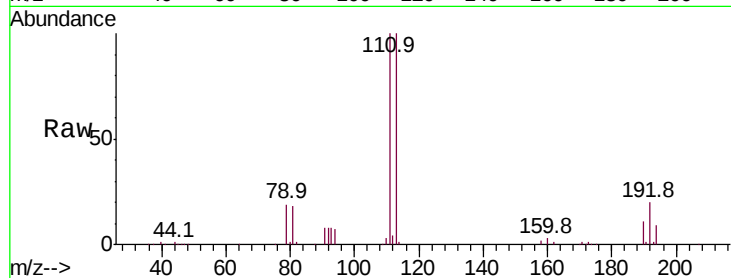




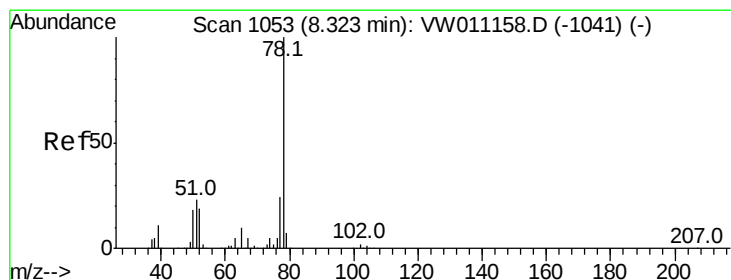
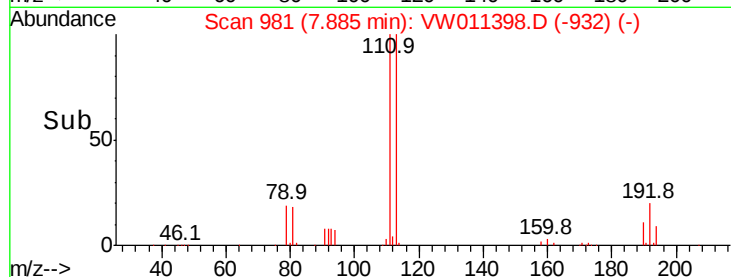
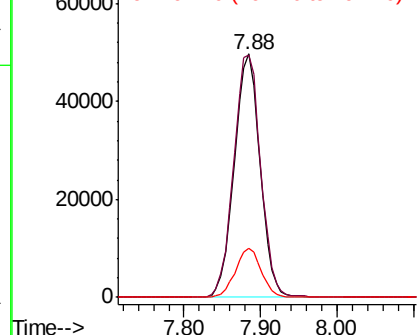
#35
 Dibromofluoromethane
 Concen: 52.310 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW011398.D
 Acq: 20 Jul 2019 02:38

Instrument :
 MSVOA_W
 ClientSampleId :
 AOC-7(1)

Tot Ion:113 Resp: 116086
 Ion Ratio Lower Upper
 113 100
 111 103.8 82.4 123.6
 192 20.0 15.8 23.8

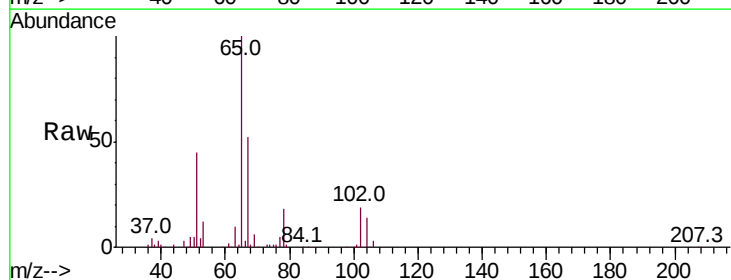


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

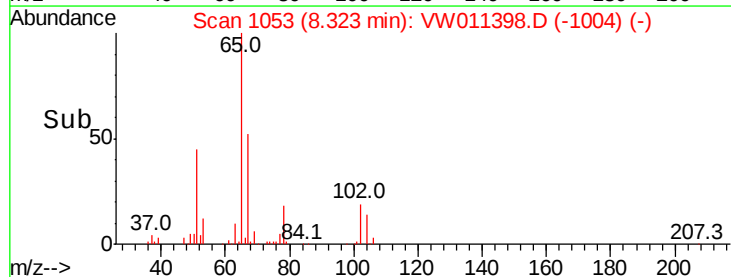
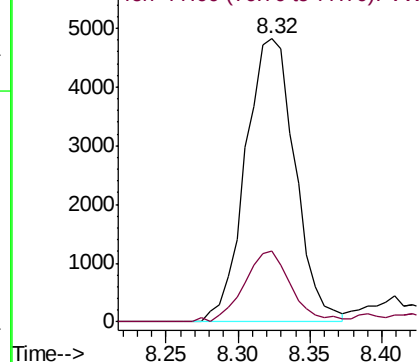


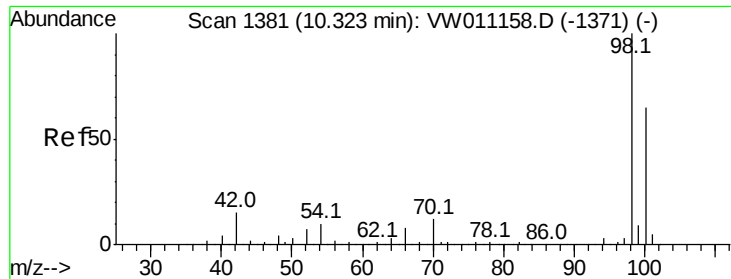
#40
 Benzene
 Concen: 1.048 ug/l
 RT: 8.32 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: VW011398.D
 Acq: 20 Jul 2019 02:38

Tgt Ion: 78 Resp: 11482
 Ion Ratio Lower Upper
 78 100
 77 25.1 19.0 28.6



Abundance Ion 78.00 (77.70 to 78.70): VW
 Ion 77.00 (76.70 to 77.70): VW

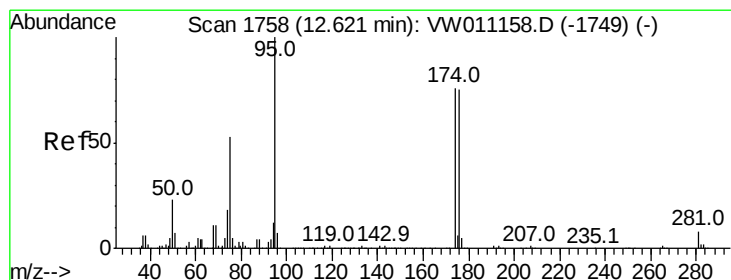
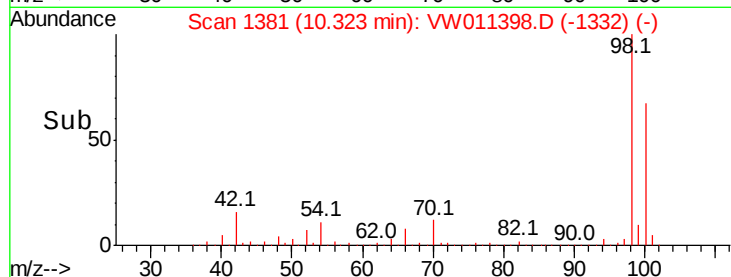
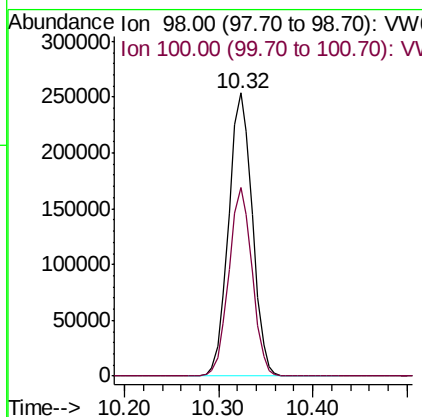
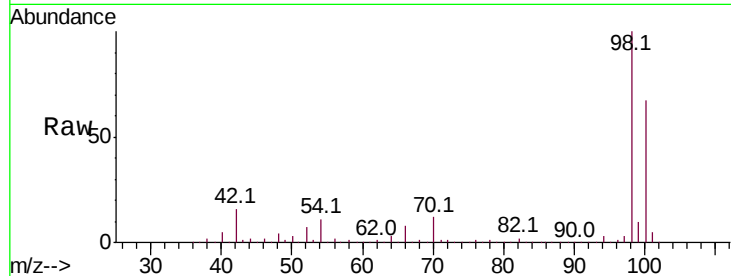




#50
Toluene-d8
Concen: 49.366 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW011398.D
Acq: 20 Jul 2019 02:38

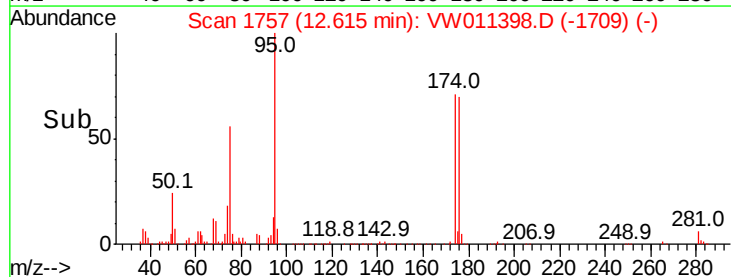
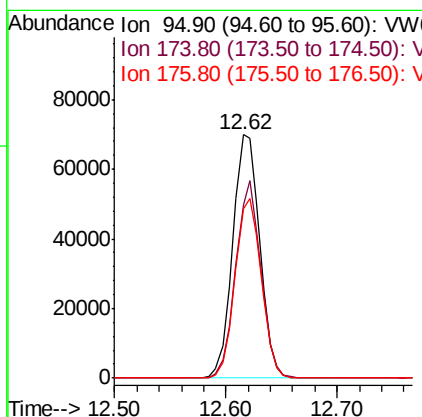
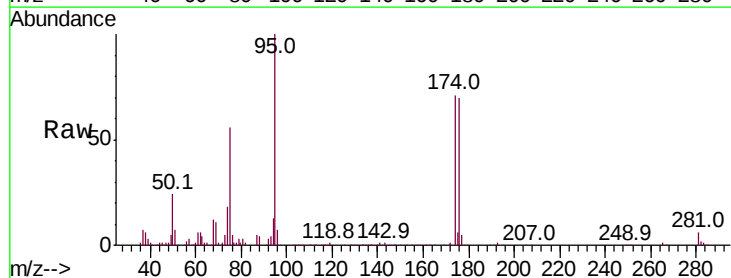
Instrument :
MSVOA_W
ClientSampled :
AOC-7(1)

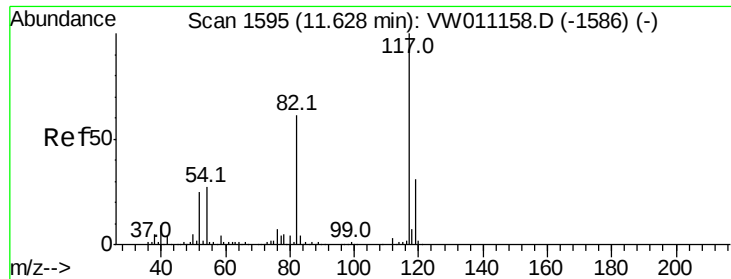
Tot Ion: 98 Resp: 442829
Ion Ratio Lower Upper
98 100
100 65.4 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 35.575 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.01 min
Lab File: VW011398.D
Acq: 20 Jul 2019 02:38

Tgt Ion: 95 Resp: 116968
Ion Ratio Lower Upper
95 100
174 75.5 0.0 147.6
176 71.8 0.0 144.6

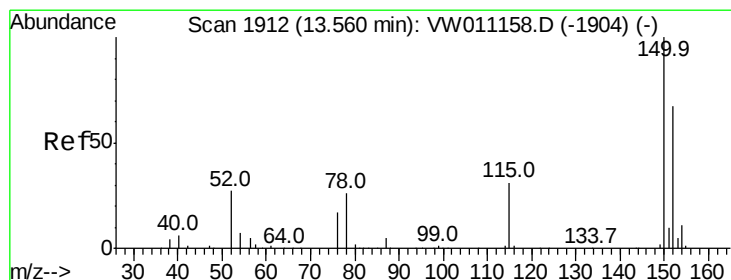
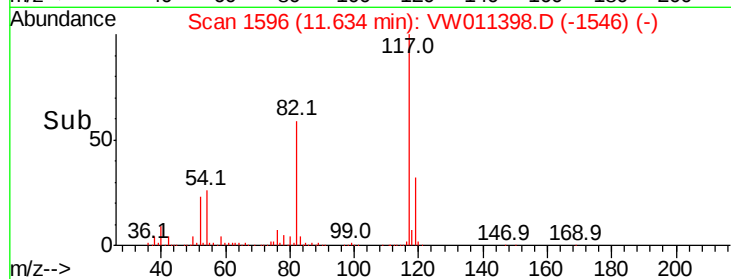
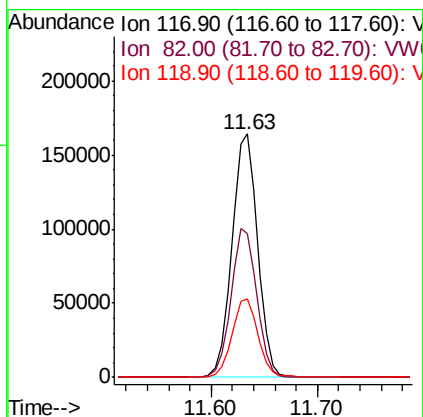
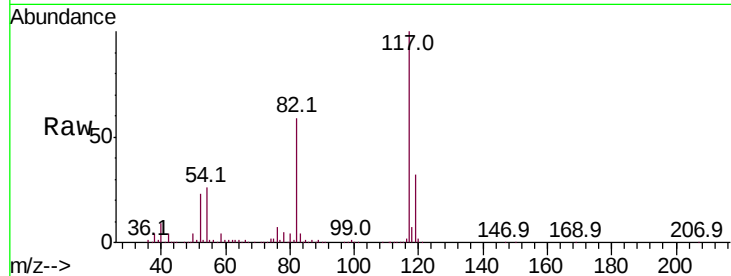




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW011398.D
Acq: 20 Jul 2019 02:38

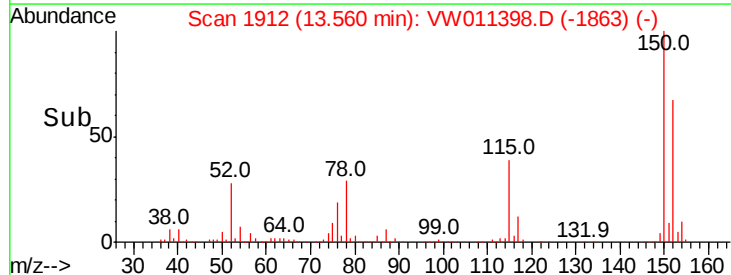
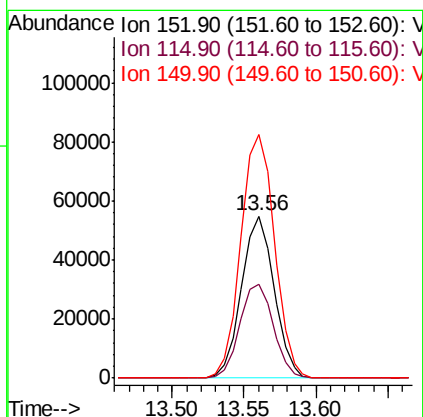
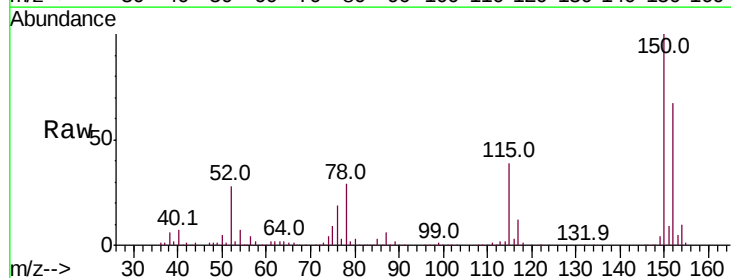
Instrument :
MSVOA_W
ClientSampleId :
AOC-7(1)

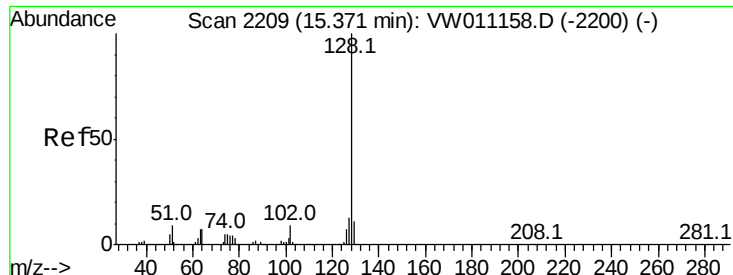
Tot Ion	Ratio	Lower	Upper
117	100		
82	59.0	48.9	73.3
119	32.4	25.0	37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW011398.D
Acq: 20 Jul 2019 02:38

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.6	30.1	90.3
150	155.1	0.0	346.0





#95

Naphthalene

Concen: 2.175 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. -0.01 min

Lab File: VW011398.D

Acq: 20 Jul 2019 02:38

Instrument :

MSVOA_W

ClientSampleId :

AOC-7(1)

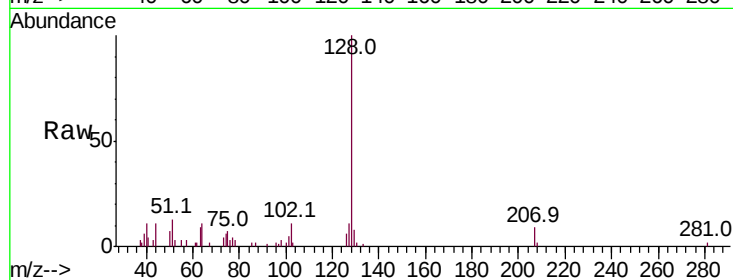
Tot Ion:128 Resp: 7257

Ion Ratio Lower Upper

128 100

127 15.9 10.6 16.0

129 11.4 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

