

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072019\
 Data File : VW011400.D
 Acq On : 20 Jul 2019 03:31
 Operator : SY/VA
 Sample : K3887-05
 Misc : 7.10G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 AOC-7(3)

Quant Time: Jul 20 05:56:42 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	257791	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	439903	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	338385	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	104780	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	170007	52.48	ug/l	0.00
Spiked Amount			Recovery	=	104.96%	
35) Dibromofluoromethane	7.88	113	136098	51.91	ug/l	0.00
Spiked Amount			Recovery	=	103.82%	
50) Toluene-d8	10.32	98	535552	50.53	ug/l	0.00
Spiked Amount			Recovery	=	101.06%	
62) 4-Bromofluorobenzene	12.62	95	141978	36.55	ug/l	0.00
Spiked Amount			Recovery	=	73.10%	

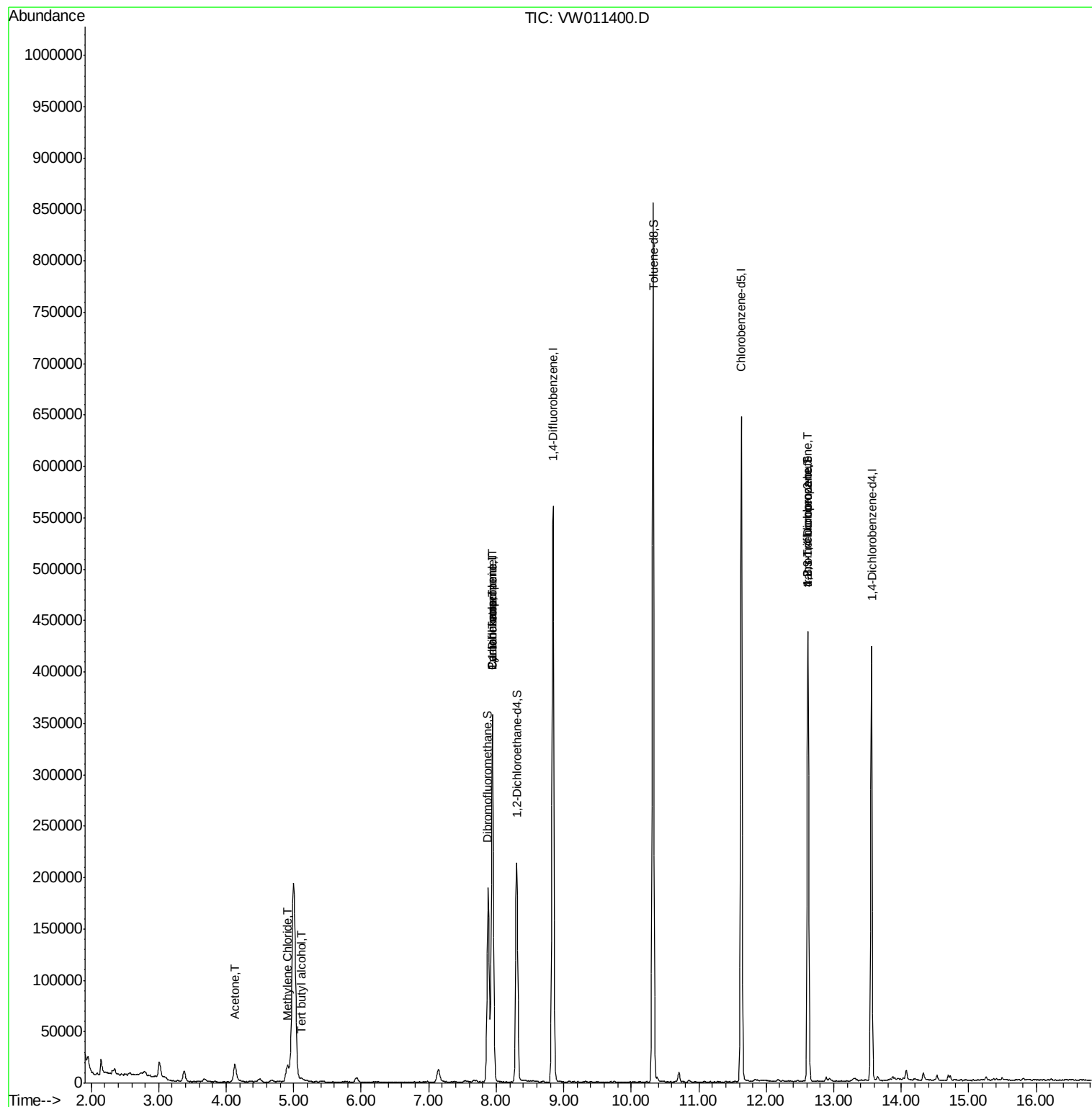
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.11	59	2416	10.074	ug/l #	75
16) Acetone	4.13	43	33803	43.371	ug/l	100
20) Methylene Chloride	4.91	84	12001	3.903	ug/l	94
31) Cyclohexane	7.95	56	6817	1.086	ug/l #	1
36) 1,1-Dichloropropene	7.94	75	22514	4.806	ug/l #	51
38) Carbon Tetrachloride	7.94	117	26186	6.594	ug/l #	15
76) 1,2,3-Trichloropropane	12.62	75	76245	62.967	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	76245	142.420	ug/l #	6

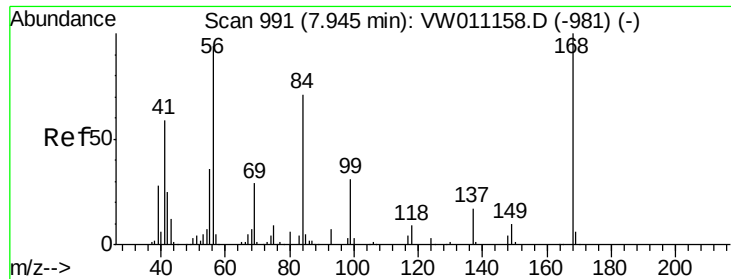
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW011400.D

Acq: 20 Jul 2019 03:31

Instrument :

MSVOA_W

ClientSampled :

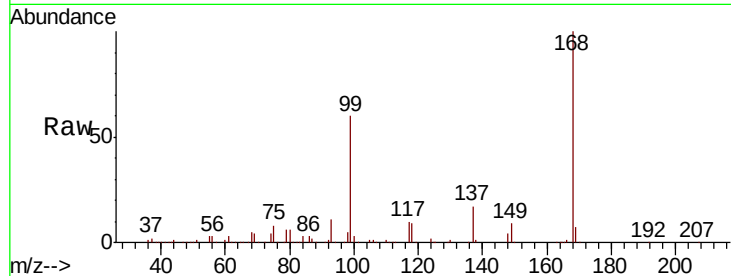
AOC-7(3)

Tot Ion:168 Resp: 257791

Ion Ratio Lower Upper

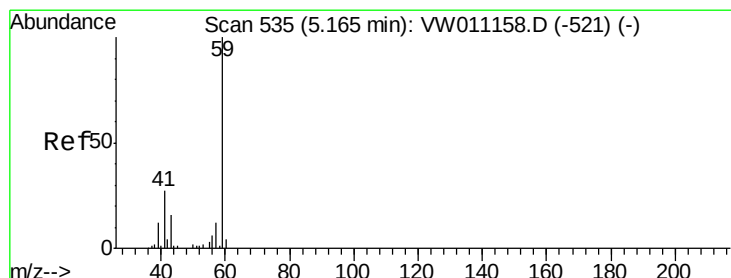
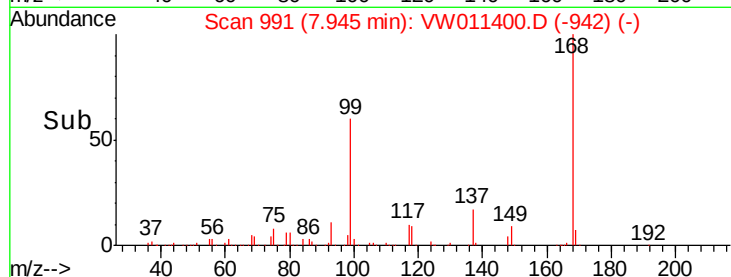
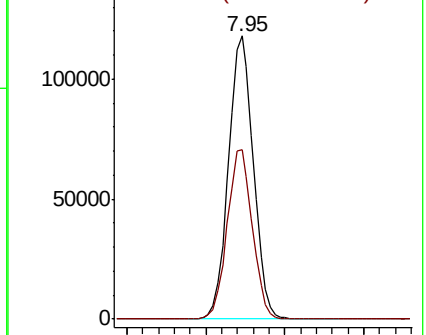
168 100

99 59.8 50.1 75.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 10.074 ug/l

RT: 5.11 min Scan# 526

Delta R.T. -0.05 min

Lab File: VW011400.D

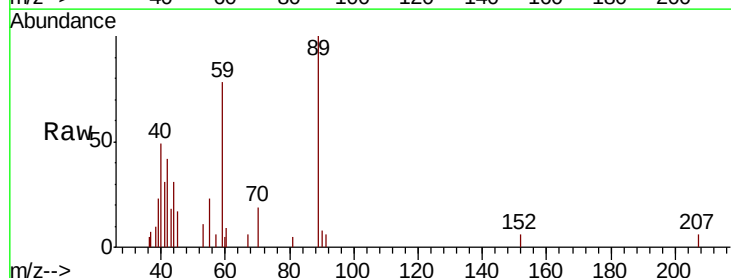
Acq: 20 Jul 2019 03:31

Tgt Ion: 59 Resp: 2416

Ion Ratio Lower Upper

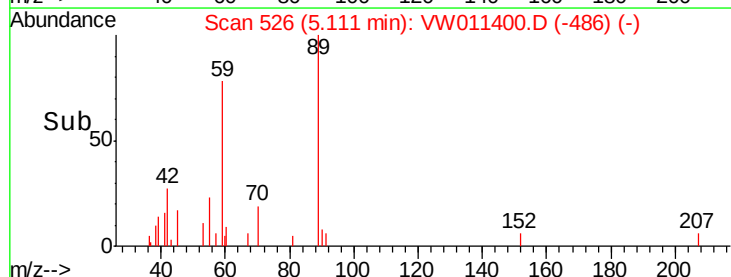
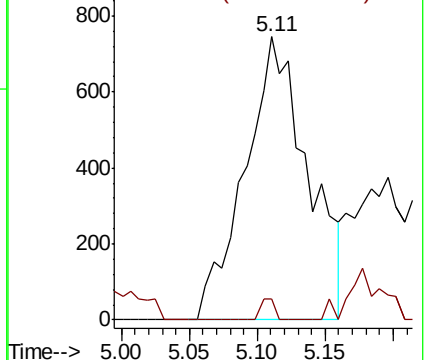
59 100

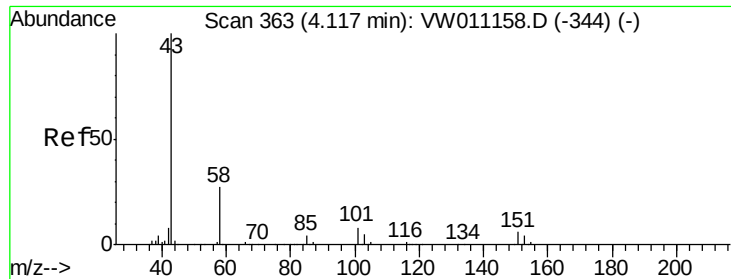
57 1.7 9.0 13.6#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

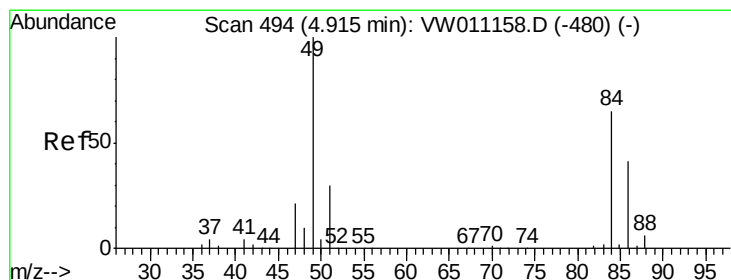
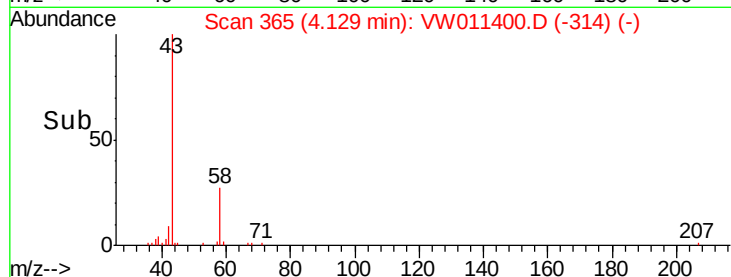
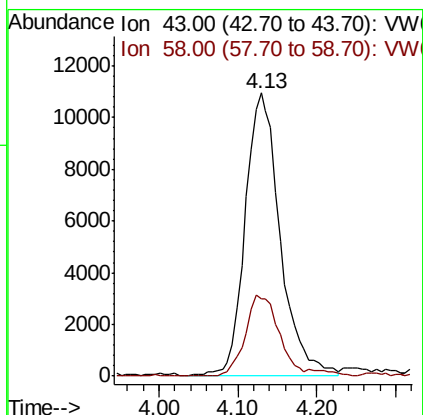
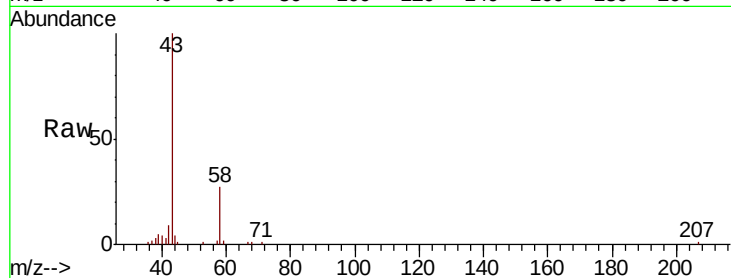




#16
Acetone
Concen: 43.371 ug/l
RT: 4.13 min Scan# 365
Delta R.T. 0.01 min
Lab File: VW011400.D
Acq: 20 Jul 2019 03:31

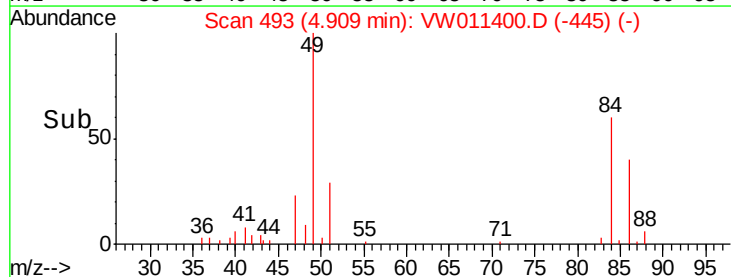
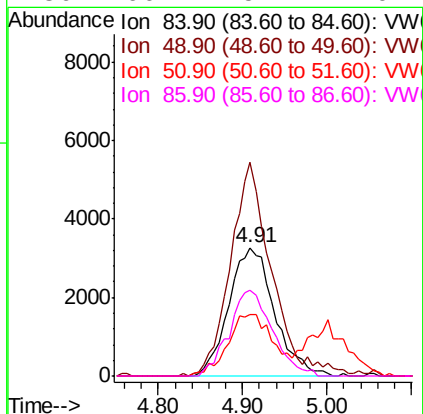
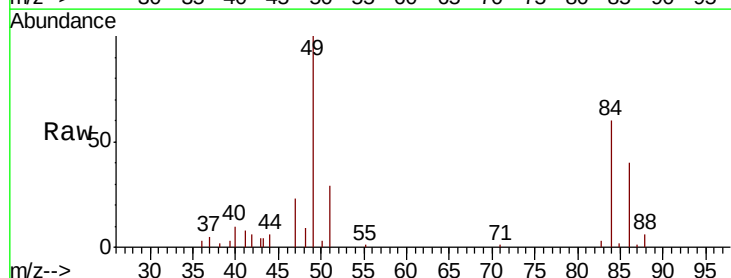
Instrument :
MSVOA_W
ClientSampleId :
AOC-7(3)

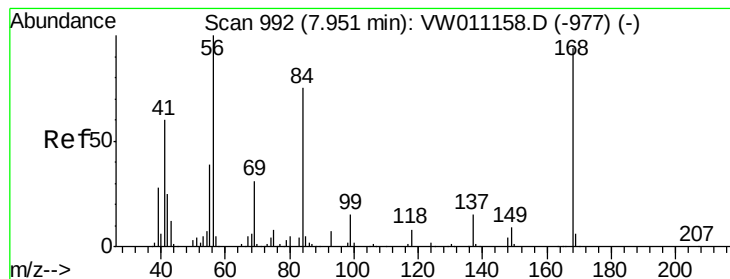
Tot Ion: 43 Resp: 33803
Ion Ratio Lower Upper
43 100
58 27.4 21.8 32.6



#20
Methylene Chloride
Concen: 3.903 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW011400.D
Acq: 20 Jul 2019 03:31

Tgt Ion: 84 Resp: 12001
Ion Ratio Lower Upper
84 100
49 166.0 123.8 185.6
51 47.8 37.4 56.2
86 66.7 51.1 76.7





#31

Cyclohexane

Concen: 1.086 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW011400.D

Acq: 20 Jul 2019 03:31

Instrument :
MSVOA_W
ClientSampleId :
AOC-7(3)

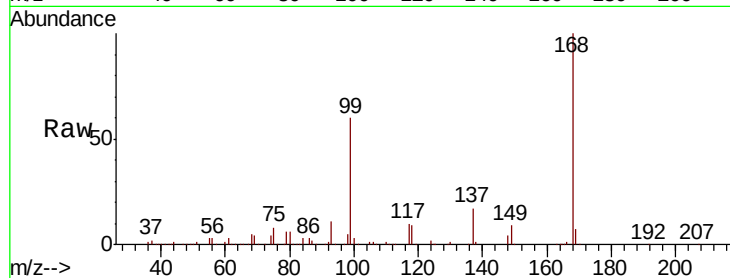
Tot Ion: 56 Resp: 6817

Ion Ratio Lower Upper

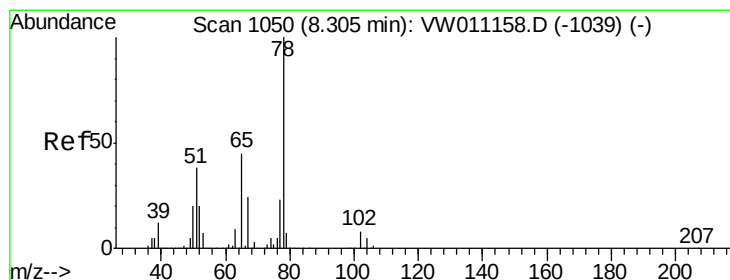
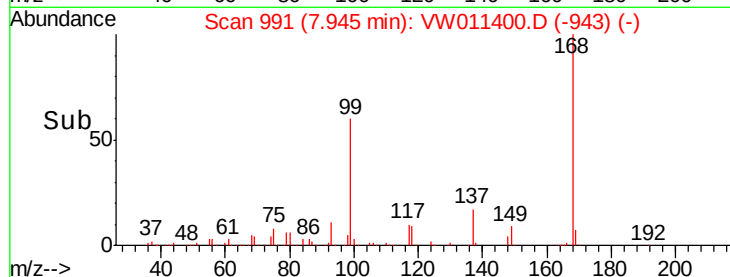
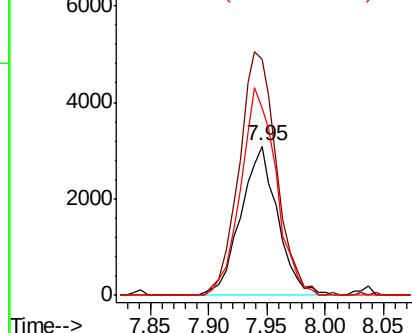
56 100

69 157.7 24.6 36.8#

84 125.6 60.1 90.1#



Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW



#33

1,2-Dichloroethane-d4

Concen: 52.484 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW011400.D

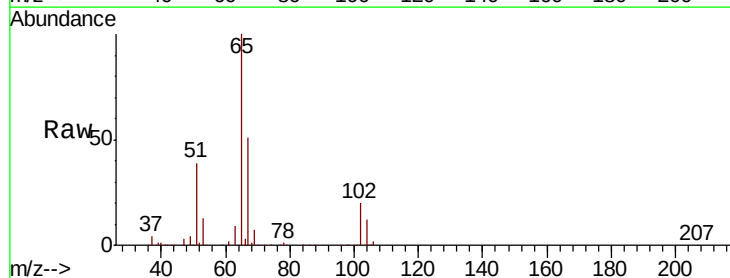
Acq: 20 Jul 2019 03:31

Tgt Ion: 65 Resp: 170007

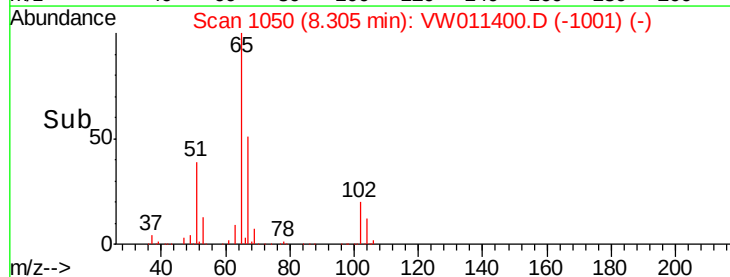
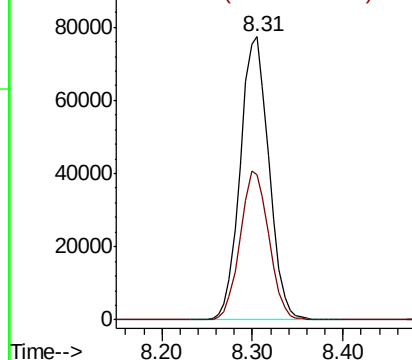
Ion Ratio Lower Upper

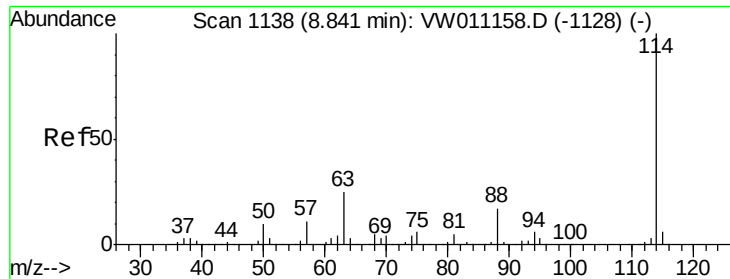
65 100

67 52.5 0.0 104.4



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: VW011400.D

Acq: 20 Jul 2019 03:31

Instrument :

MSVOA_W

ClientSampleId :

AOC-7(3)

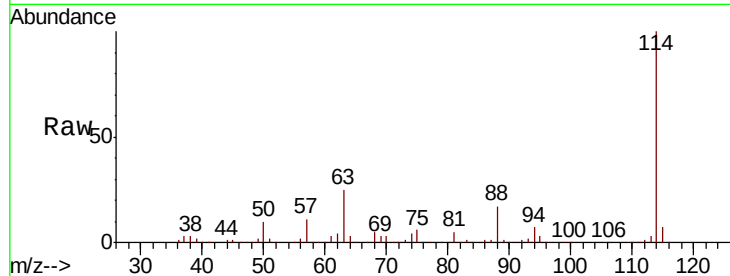
Tot Ion:114 Resp: 439903

Ion Ratio Lower Upper

114 100

63 24.6 0.0 50.8

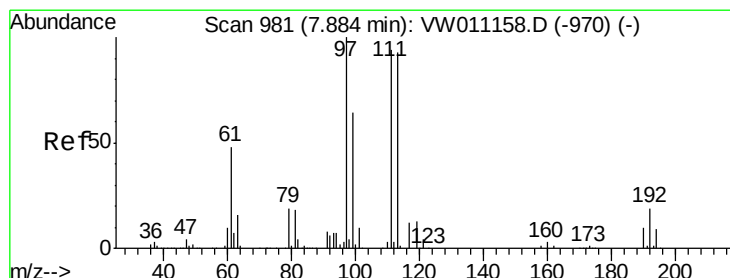
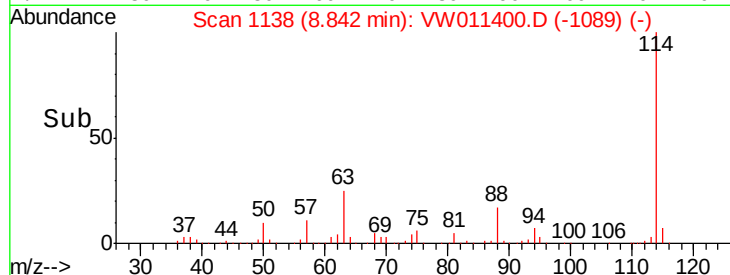
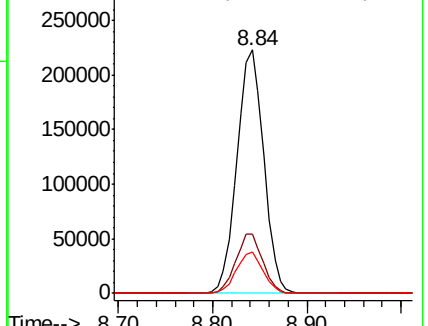
88 17.2 0.0 34.2



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: 51.906 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW011400.D

Acq: 20 Jul 2019 03:31

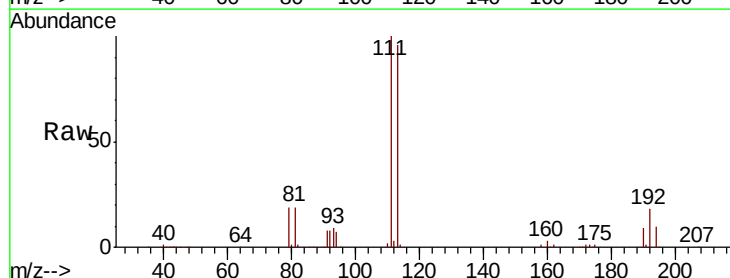
Tgt Ion:113 Resp: 136098

Ion Ratio Lower Upper

113 100

111 103.3 82.4 123.6

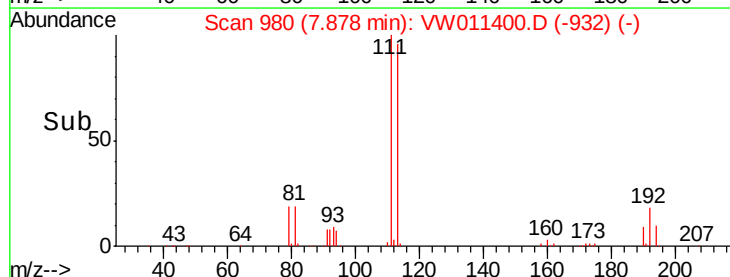
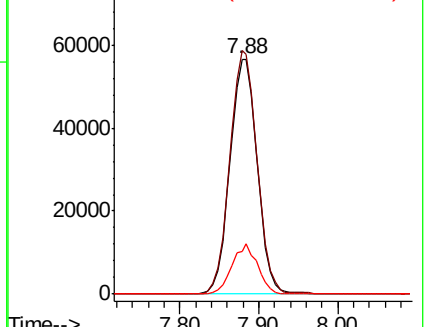
192 20.2 15.8 23.8

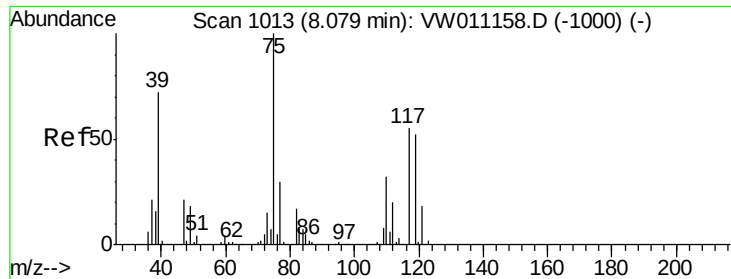


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

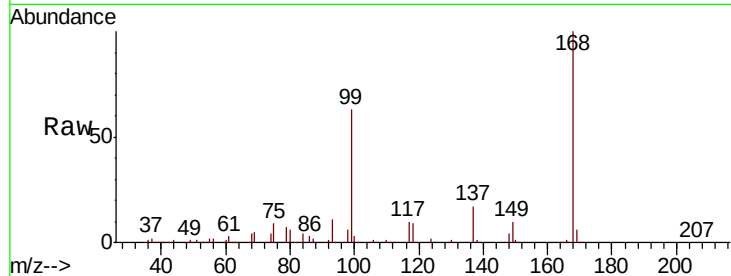




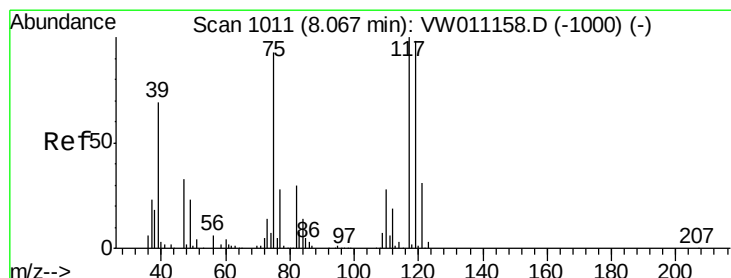
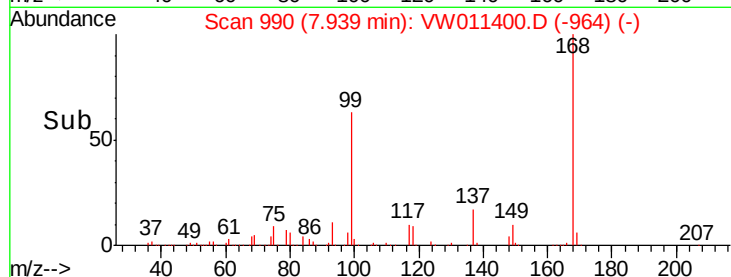
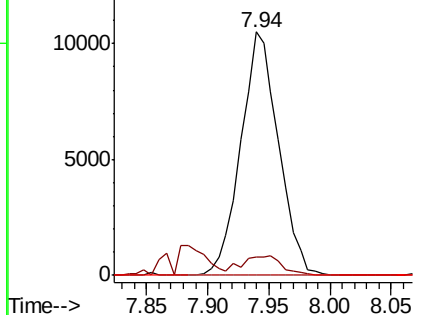
#36
 1,1-Dichloropropene
 Concen: 4.806 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW011400.D
 Acq: 20 Jul 2019 03:31

Instrument :
 MSVOA_W
 ClientSampleId :
 AOC-7(3)

Tot Ion	Ratio	Lower	Upper
75	100		
110	8.5	15.9	47.6#
77	0.0	24.6	36.8#

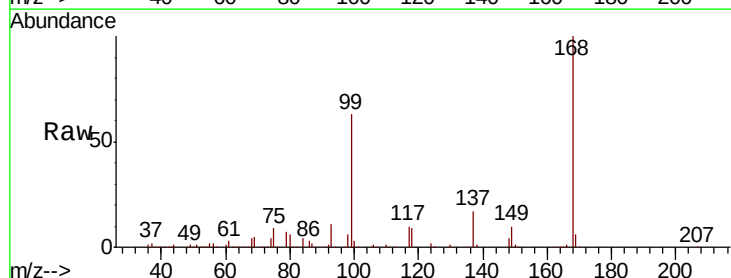


Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VW

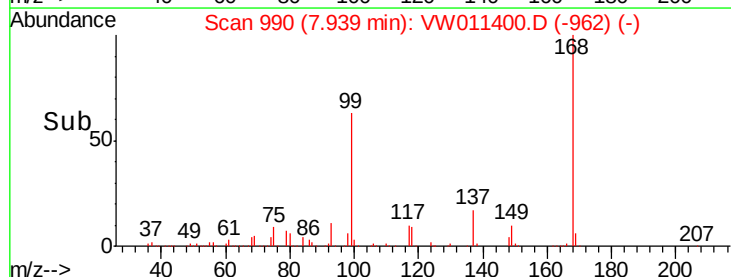
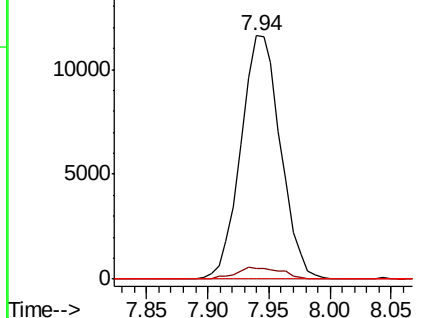


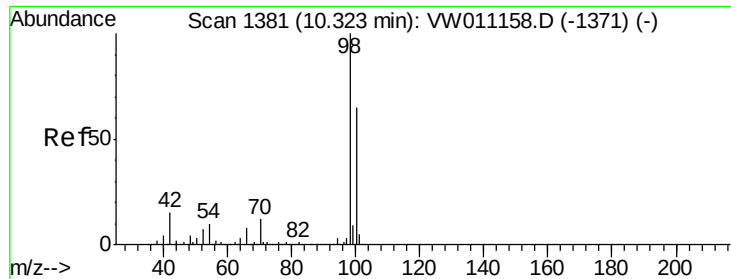
#38
 Carbon Tetrachloride
 Concen: 6.594 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.13 min
 Lab File: VW011400.D
 Acq: 20 Jul 2019 03:31

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.3	78.1	117.1#
121	0.0	25.1	37.7#



Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 118.80 (118.50 to 119.50): V
 Ion 120.80 (120.50 to 121.50): V





#50

Toluene-d8

Concen: 50.531 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW011400.D

Acq: 20 Jul 2019 03:31

Instrument :

MSVOA_W

ClientSampleId :

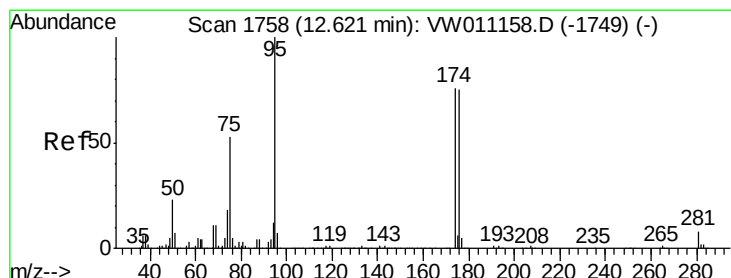
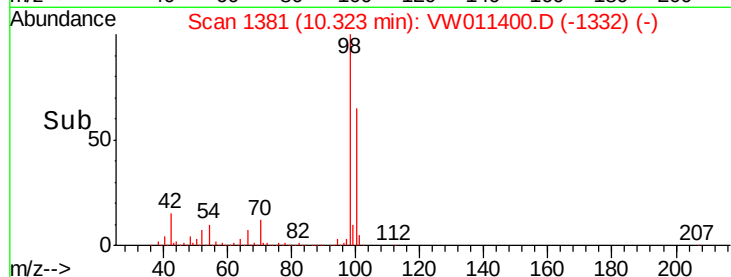
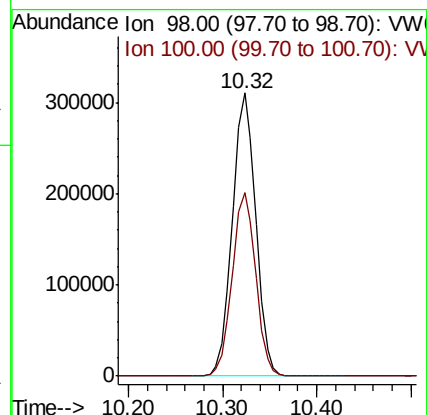
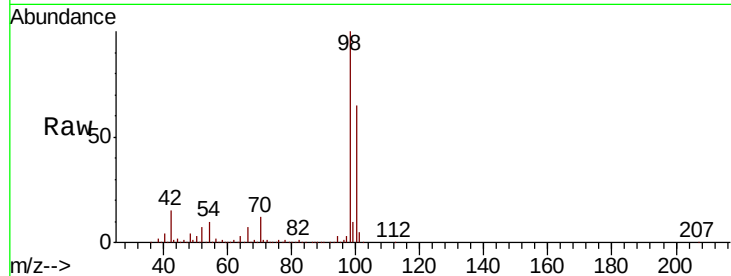
AOC-7(3)

Tot Ion: 98 Resp: 535552

Ion Ratio Lower Upper

98 100

100 65.0 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 36.547 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW011400.D

Acq: 20 Jul 2019 03:31

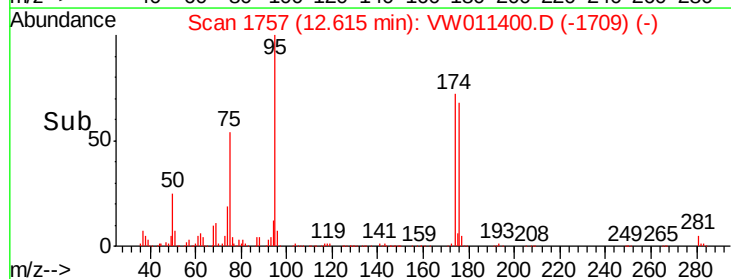
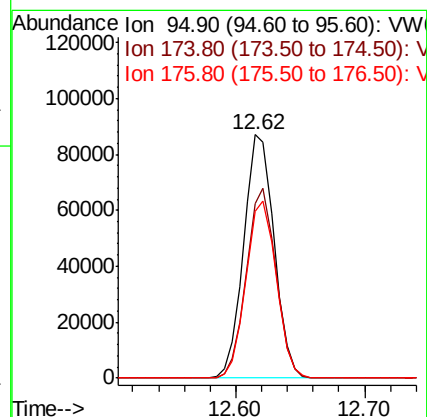
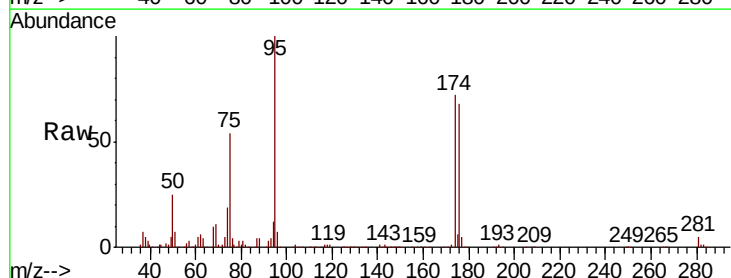
Tgt Ion: 95 Resp: 141978

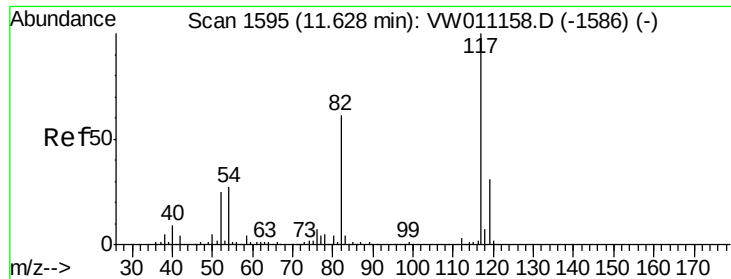
Ion Ratio Lower Upper

95 100

174 75.7 0.0 147.6

176 72.4 0.0 144.6

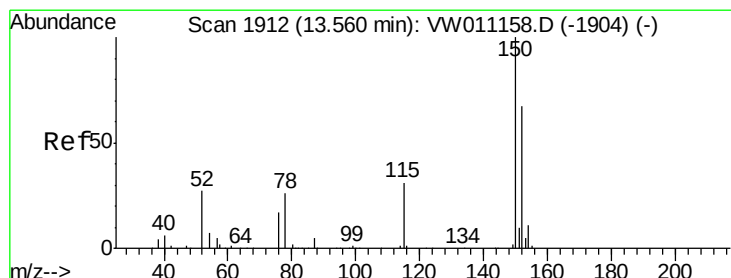
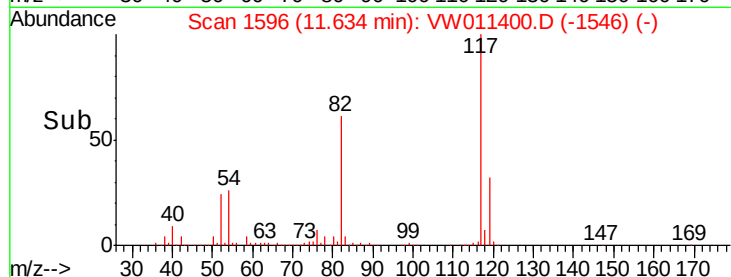
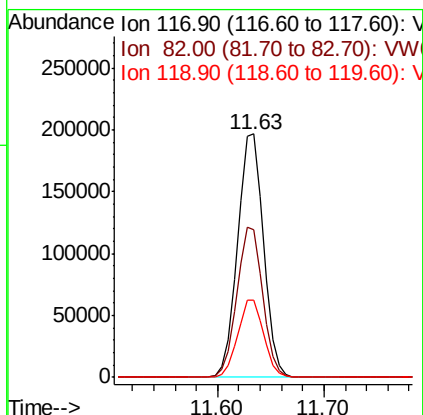
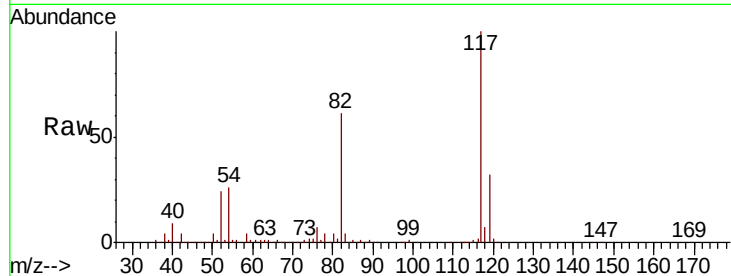




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW011400.D
Acq: 20 Jul 2019 03:31

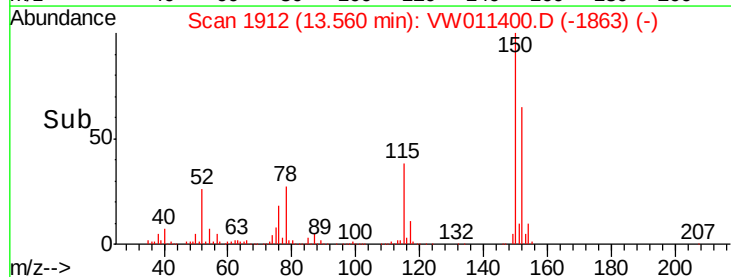
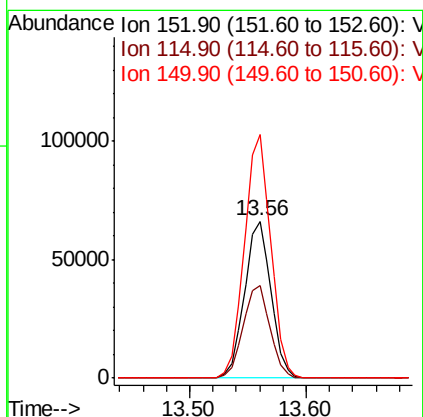
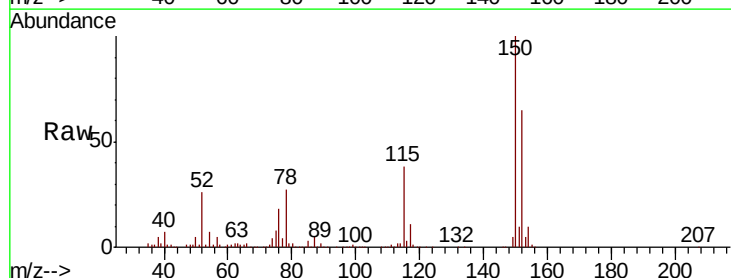
Instrument :
MSVOA_W
ClientSampleId :
AOC-7(3)

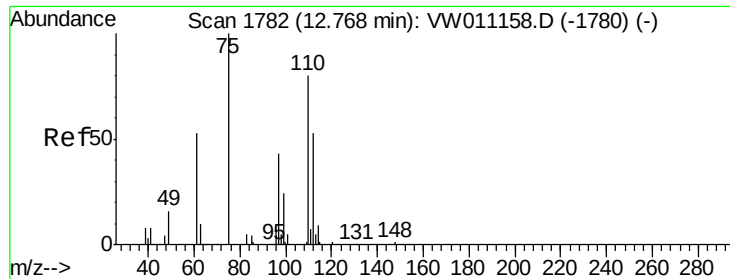
Tot Ion:117 Resp: 338385
Ion Ratio Lower Upper
117 100
82 60.6 48.9 73.3
119 31.7 25.0 37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW011400.D
Acq: 20 Jul 2019 03:31

Tgt Ion:152 Resp: 104780
Ion Ratio Lower Upper
152 100
115 60.3 30.1 90.3
150 155.0 0.0 346.0





#76

1,2,3-Trichloropropane

Concen: 62.967 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW011400.D

Acq: 20 Jul 2019 03:31

Instrument :

MSVOA_W

ClientSampled :

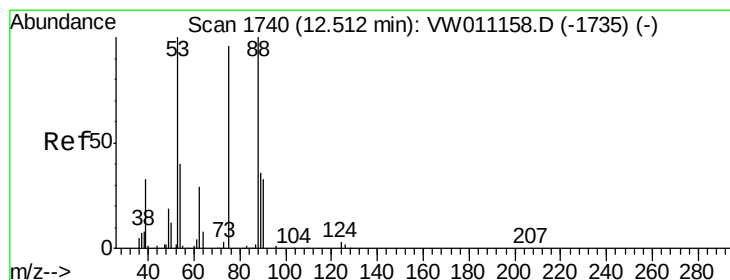
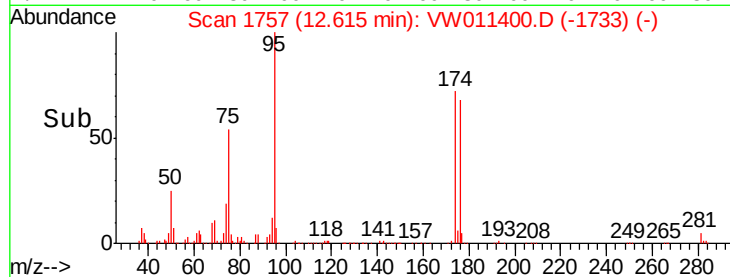
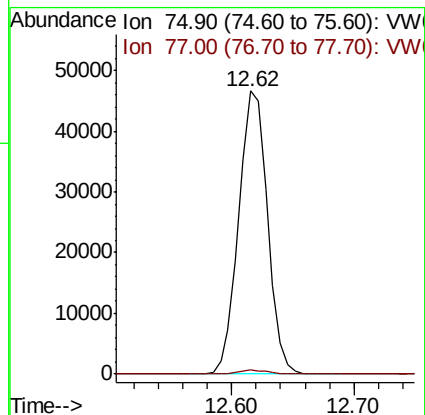
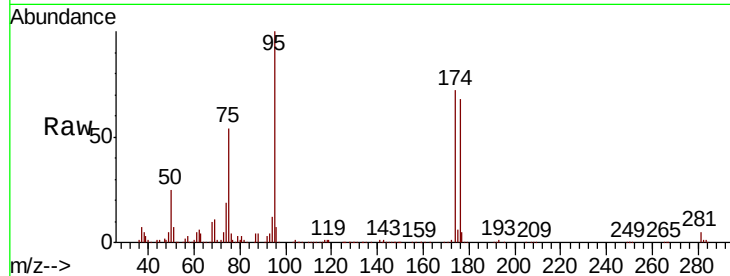
AOC-7(3)

Tot Ion: 75 Resp: 76245

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 142.420 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW011400.D

Acq: 20 Jul 2019 03:31

Tgt Ion: 75 Resp: 76245

Ion Ratio Lower Upper

75 100

53 0.1 89.8 134.6#

89 0.0 34.3 51.5#

