

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071018\
 Data File : VW003860.D
 Acq On : 11 Jul 2018 08:32
 Operator : SY/AP
 Sample : J3888-03RE
 Misc : 6.42G/5ML/MSVOA W/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 AOC7-SWN1-1-1.5

Quant Time: Jul 11 11:13:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 05:07:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	134669	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	225574	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	206464	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	93642	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	75263	42.74	ug/l	0.00
Spiked Amount			Recovery	=	85.48%	
35) Dibromofluoromethane	7.88	113	65738	41.64	ug/l	0.00
Spiked Amount			Recovery	=	83.28%	
50) Toluene-d8	10.33	98	218137	36.12	ug/l	0.00
Spiked Amount			Recovery	=	72.24%	
62) 4-Bromofluorobenzene	12.62	95	68490	31.34	ug/l	0.00
Spiked Amount			Recovery	=	62.68%	

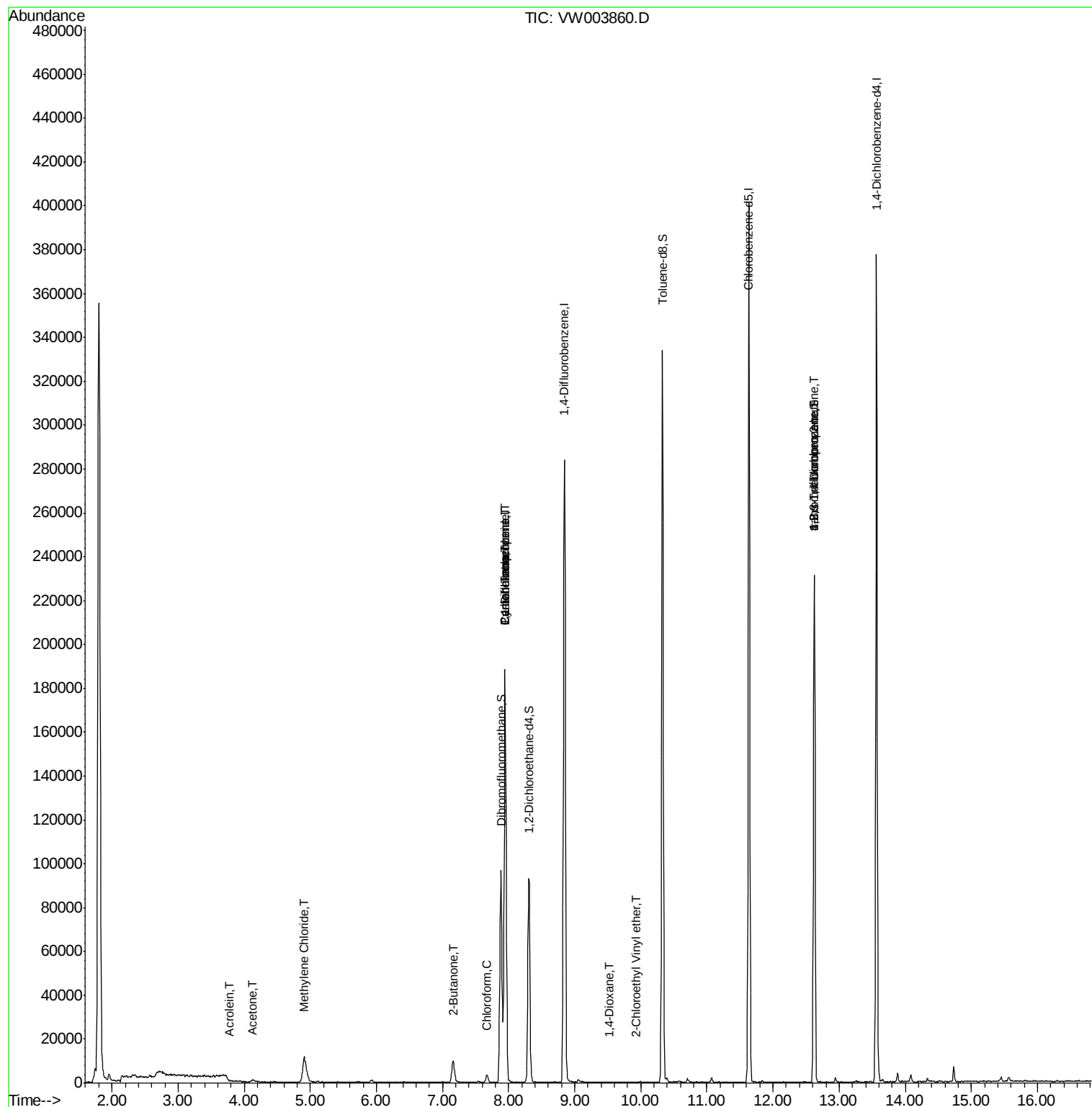
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.78	56	25	4.90	ug/l #	1
16) Acetone	4.13	43	1712	5.60	ug/l	97
20) Methylene Chloride	4.90	84	10245	2.74	ug/l #	92
25) 2-Butanone	7.16	43	695	1.45	ug/l #	51
30) Chloroform	7.67	83	3076	1.03	ug/l	93
31) Cyclohexane	7.95	56	3765	1.47	ug/l #	6
36) 1,1-Dichloropropene	7.95	75	12117	5.06	ug/l #	50
38) Carbon Tetrachloride	7.95	117	13936	6.12	ug/l #	15
49) 1,4-Dioxane	9.52	88	23	1.65	ug/l #	12
58) 2-Chloroethyl Vinyl ether	9.93	63	50	13.22	ug/l #	49
76) 1,2,3-Trichloropropane	12.62	75	37956	41.28	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	37956	100.97	ug/l #	8

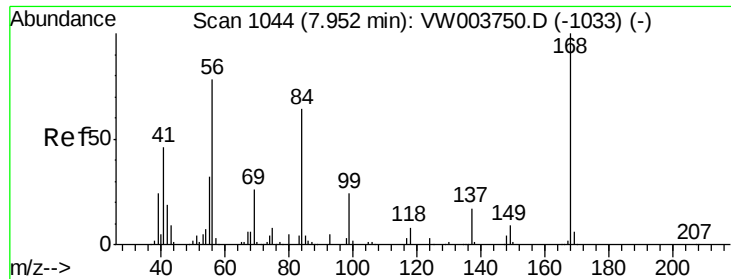
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VW003860.D

Acq: 11 Jul 2018 08:32

Instrument :

MSVOA_W

ClientSampleId :

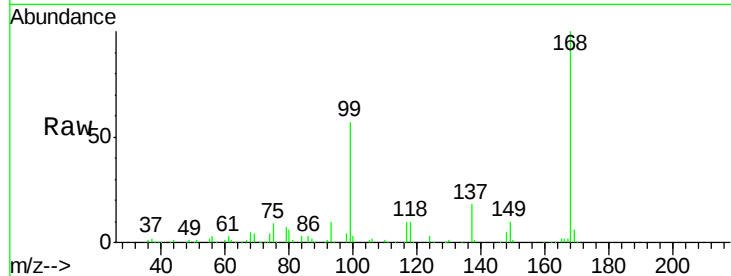
AOC7-SWN1-1-1.5

Tot Ion:168 Resp: 134669

Ion Ratio Lower Upper

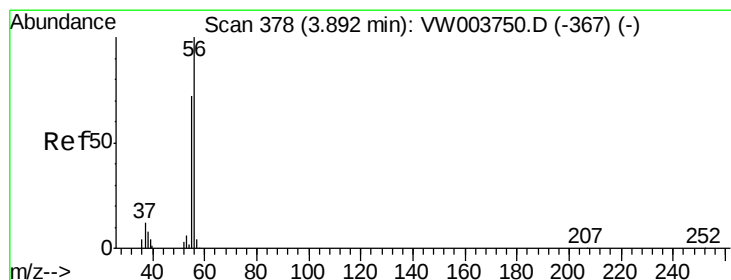
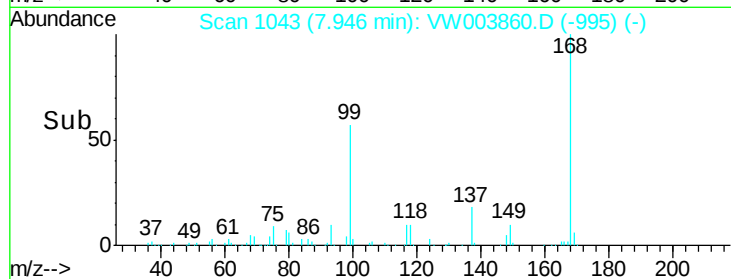
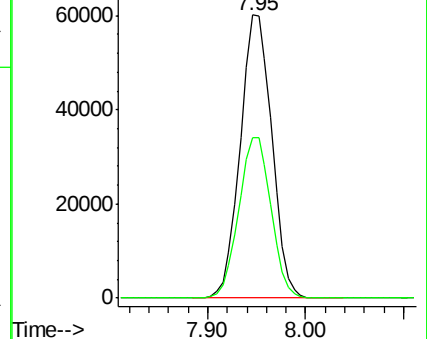
168 100

99 56.7 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#13

Acrolein

Concen: 4.90 ug/l

RT: 3.78 min Scan# 359

Delta R.T. -0.12 min

Lab File: VW003860.D

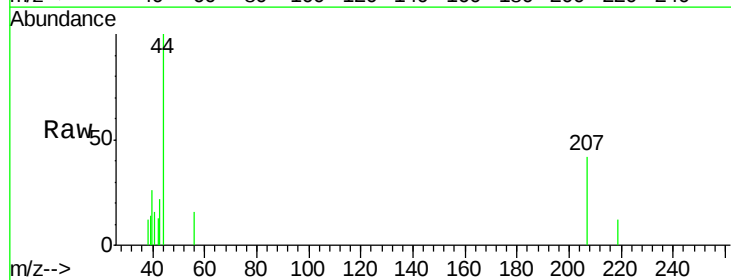
Acq: 11 Jul 2018 08:32

Tgt Ion: 56 Resp: 25

Ion Ratio Lower Upper

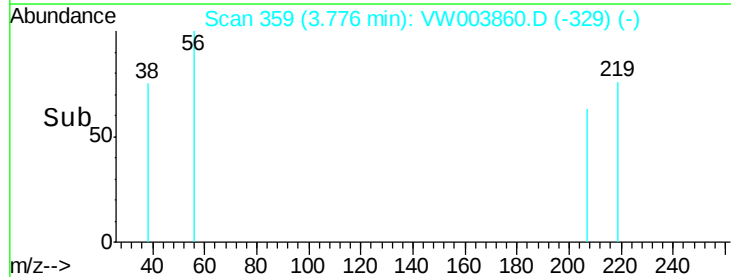
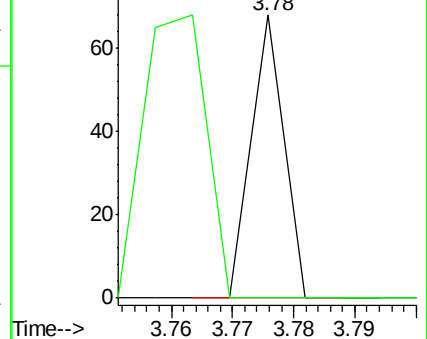
56 100

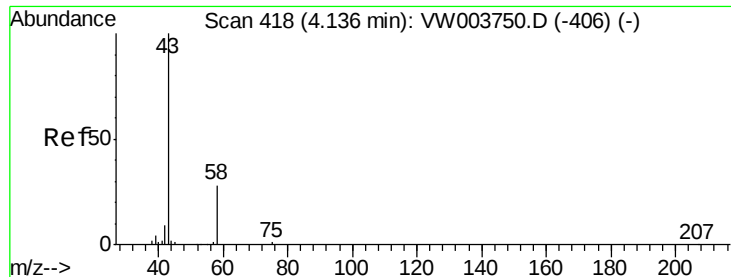
55 196.0 57.5 86.3#



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW





#16

Acetone

Concen: 5.60 ug/l

RT: 4.13 min Scan# 417

Delta R.T. -0.01 min

Lab File: VW003860.D

Acq: 11 Jul 2018 08:32

Instrument :

MSVOA_W

ClientSampleId :

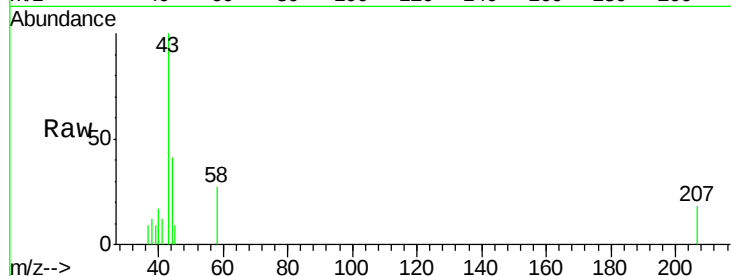
AOC7-SWN1-1-1.5

Tot Ion: 43 Resp: 1712

Ion Ratio Lower Upper

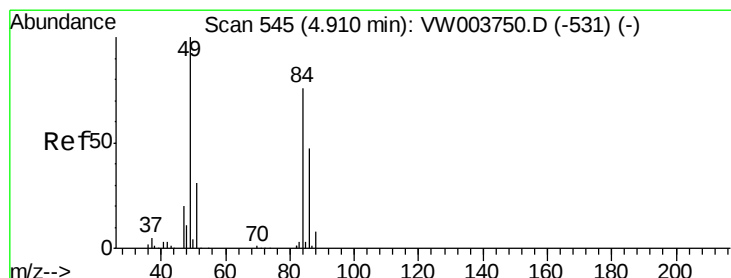
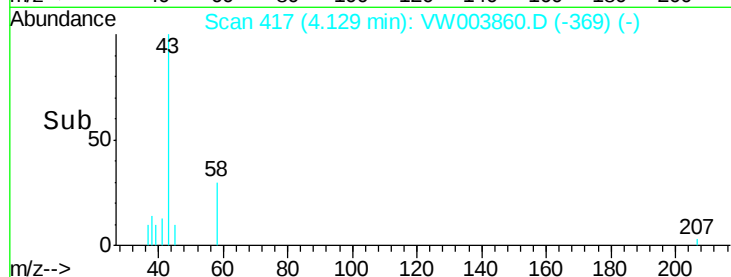
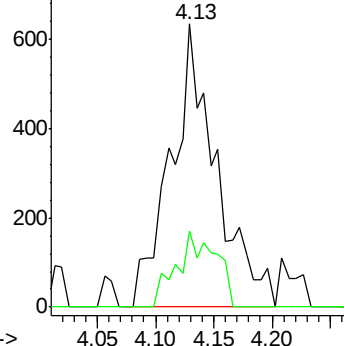
43 100

58 27.0 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#20

Methylene Chloride

Concen: 2.74 ug/l

RT: 4.90 min Scan# 544

Delta R.T. -0.01 min

Lab File: VW003860.D

Acq: 11 Jul 2018 08:32

Tgt Ion: 84 Resp: 10245

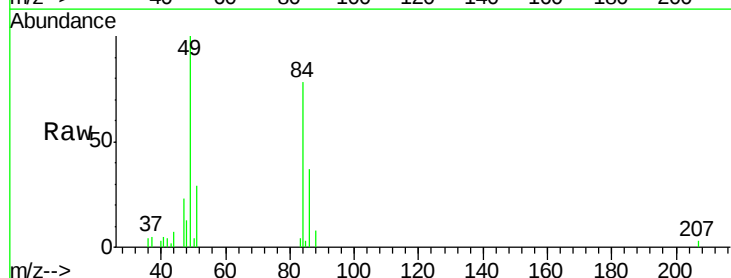
Ion Ratio Lower Upper

84 100

49 128.0 105.1 157.7

51 36.6 32.5 48.7

86 47.0 49.8 74.6#

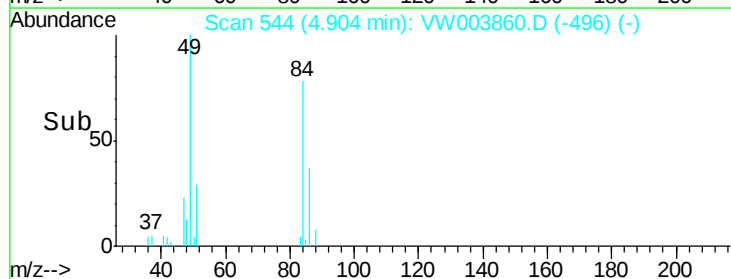
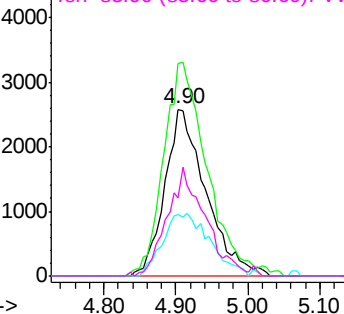


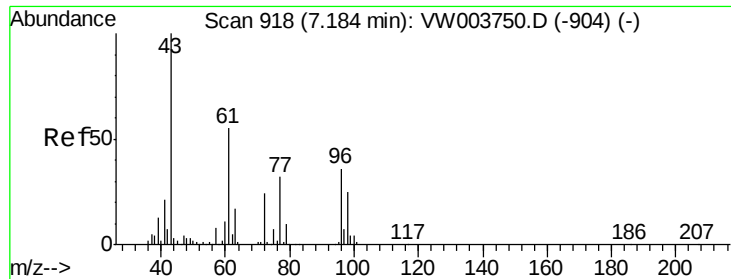
Abundance Ion 83.90 (83.60 to 84.60): VW

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

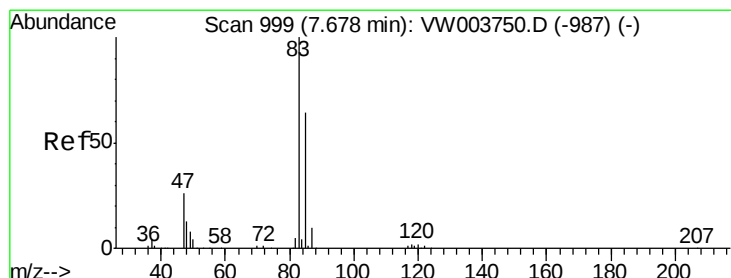
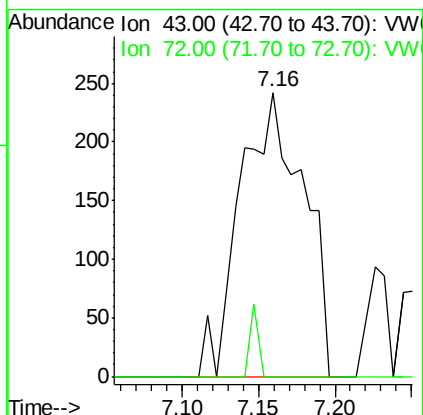
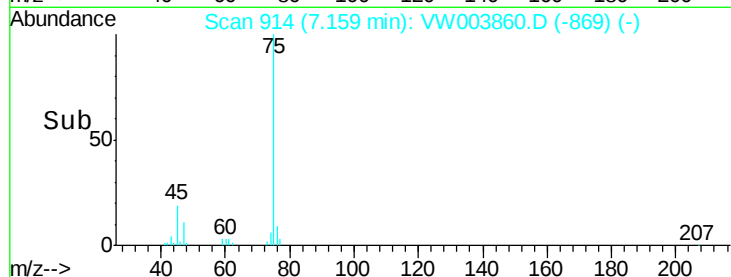
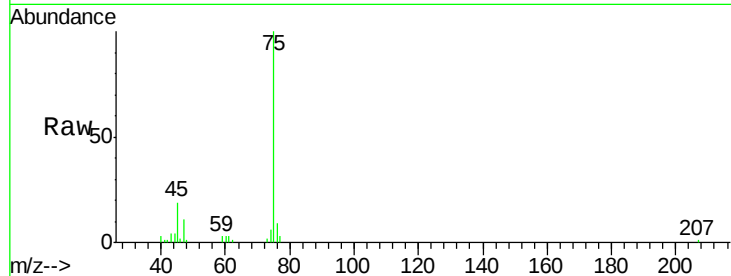




#25
2-Butanone
Concen: 1.45 ug/l
RT: 7.16 min Scan# 914
Delta R.T. -0.02 min
Lab File: VW003860.D
Acq: 11 Jul 2018 08:32

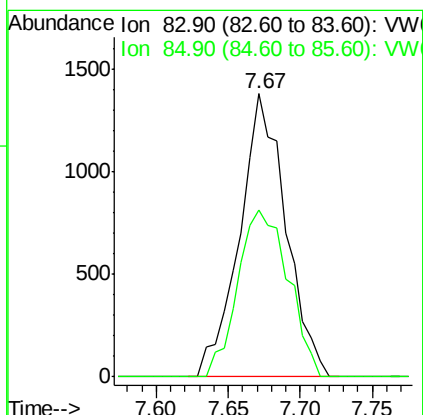
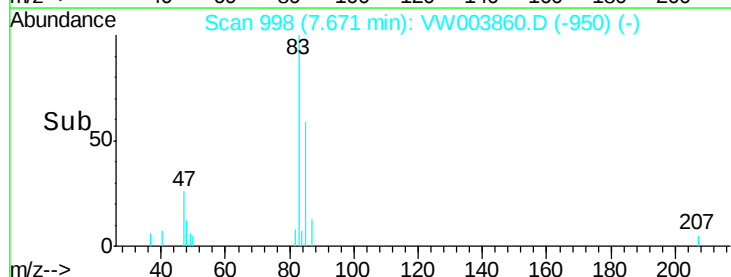
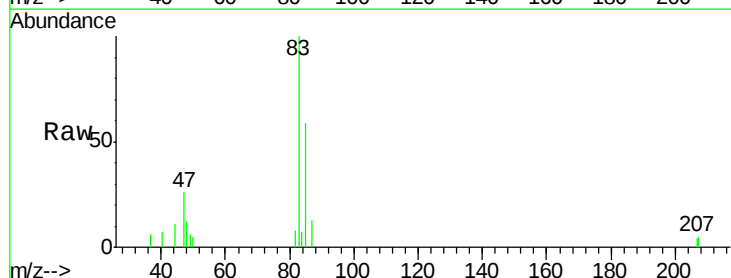
Instrument :
MSVOA_W
ClientSampleId :
AOC7-SWN1-1-1.5

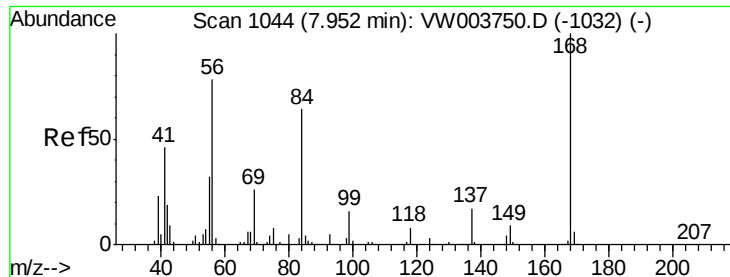
Tot Ion: 43 Resp: 695
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



#30
Chloroform
Concen: 1.03 ug/l
RT: 7.67 min Scan# 998
Delta R.T. -0.01 min
Lab File: VW003860.D
Acq: 11 Jul 2018 08:32

Tgt Ion: 83 Resp: 3076
Ion Ratio Lower Upper
83 100
85 58.8 51.5 77.3

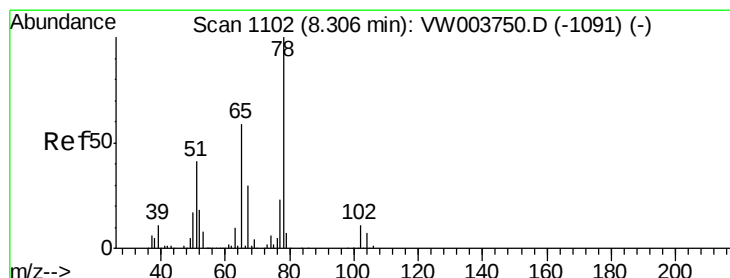
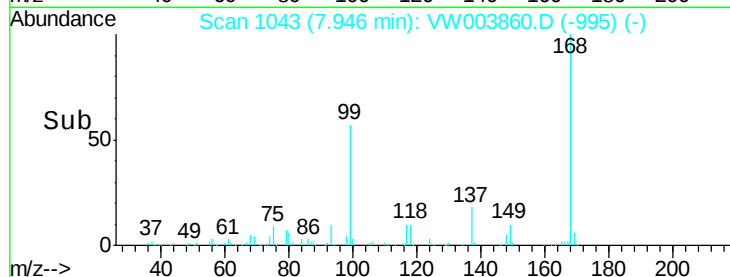
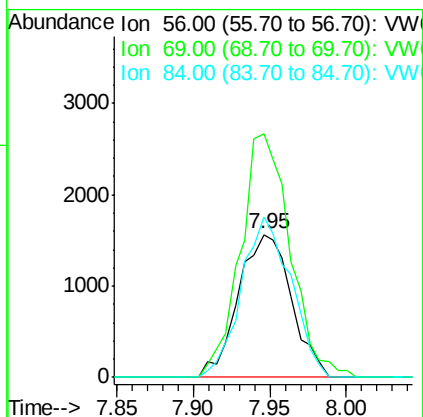
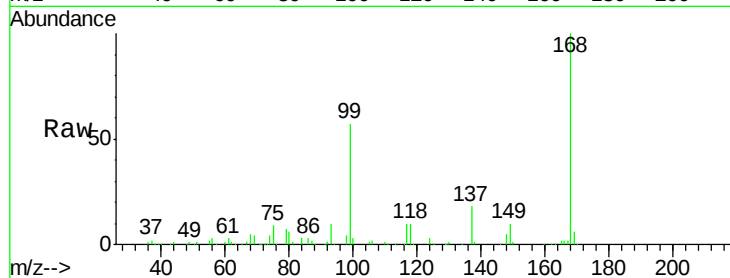




#31
Cyclohexane
Concen: 1.47 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.01 min
Lab File: VW003860.D
Acq: 11 Jul 2018 08:32

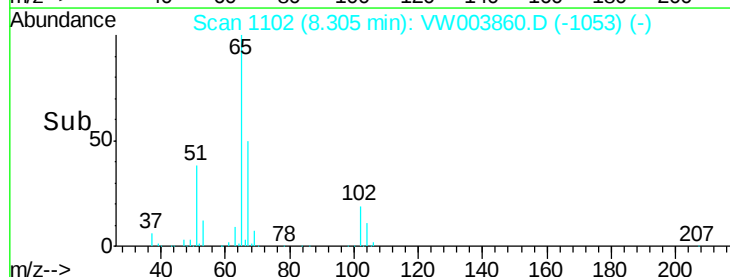
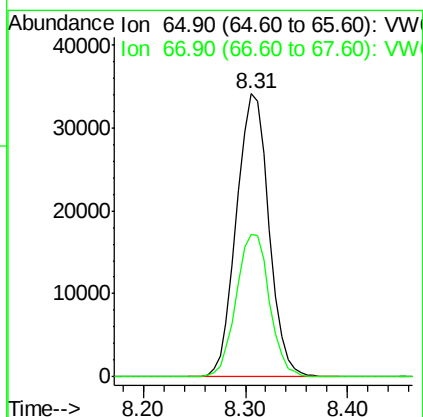
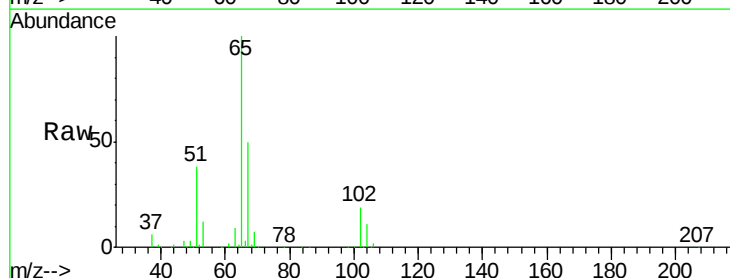
Instrument :
MSVOA_W
ClientSampleId :
AOC7-SWN1-1-1.5

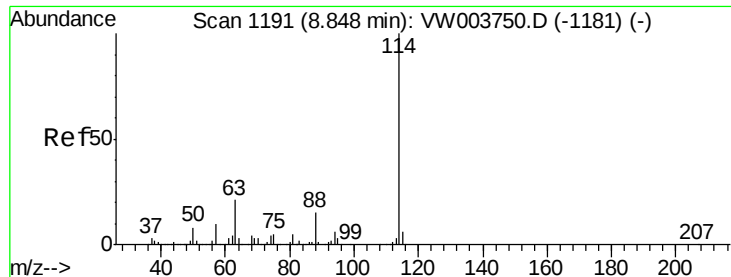
Tot Ion: 56 Resp: 3765
Ion Ratio Lower Upper
56 100
69 170.7 26.2 39.4#
84 112.2 65.5 98.3#



#33
1,2-Dichloroethane-d4
Concen: 42.74 ug/l
RT: 8.31 min Scan# 1102
Delta R.T. -0.00 min
Lab File: VW003860.D
Acq: 11 Jul 2018 08:32

Tgt Ion: 65 Resp: 75263
Ion Ratio Lower Upper
65 100
67 51.6 0.0 103.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. -0.00 min

Lab File: VW003860.D

Acq: 11 Jul 2018 08:32

Instrument :

MSVOA_W

ClientSampleId :

AOC7-SWN1-1-1.5

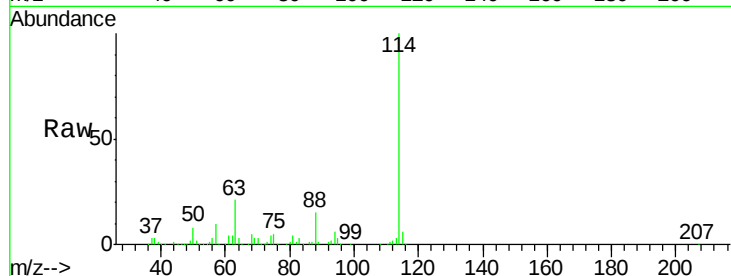
Tot Ion:114 Resp: 225574

Ion Ratio Lower Upper

114 100

63 21.2 0.0 41.8

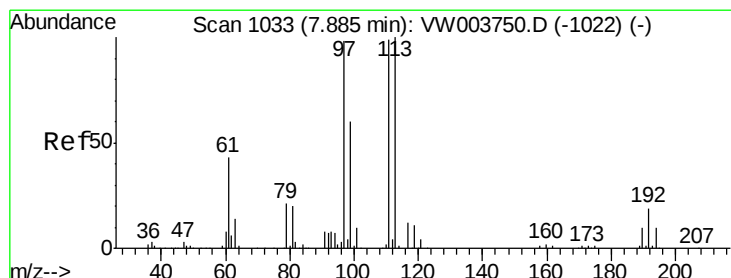
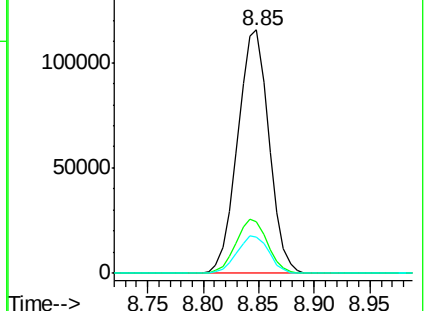
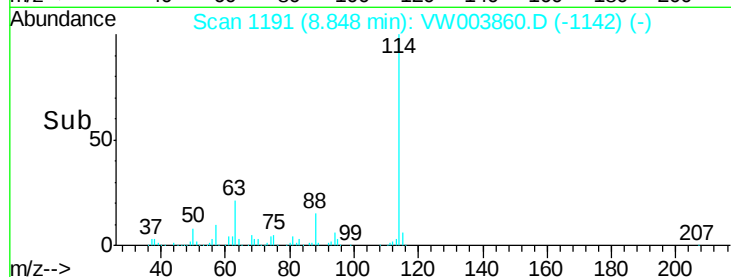
88 14.7 0.0 30.2



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: 41.64 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. -0.00 min

Lab File: VW003860.D

Acq: 11 Jul 2018 08:32

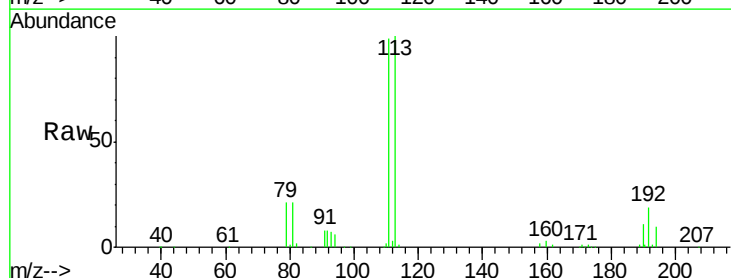
Tgt Ion:113 Resp: 65738

Ion Ratio Lower Upper

113 100

111 102.1 81.7 122.5

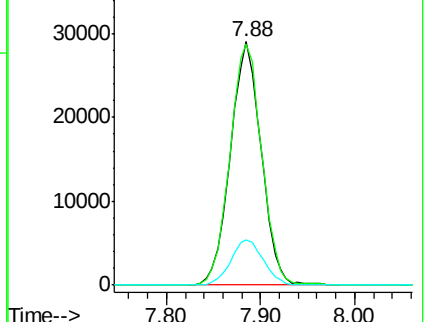
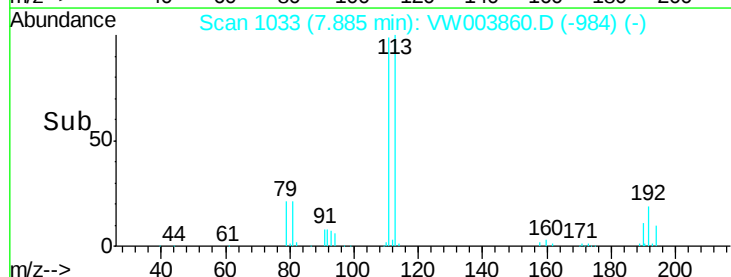
192 19.7 15.8 23.8

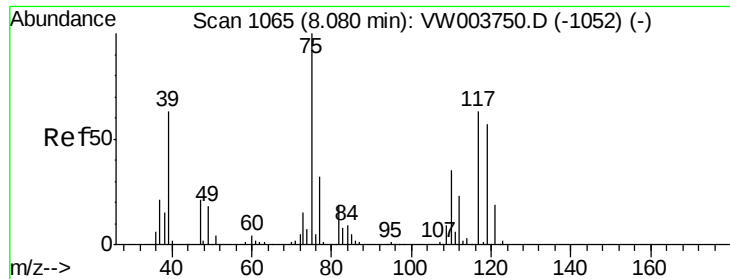


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 5.06 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.13 min

Lab File: VW003860.D

Acq: 11 Jul 2018 08:32

Instrument :

MSVOA_W

ClientSampleId :

AOC7-SWN1-1-1.5

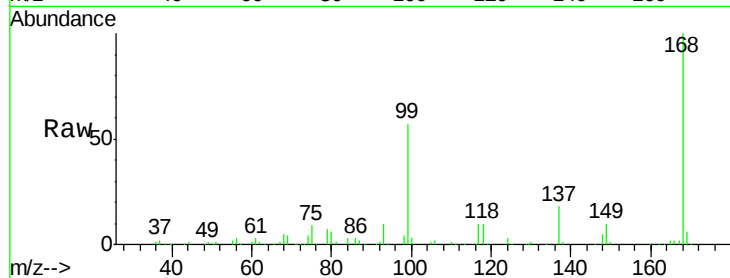
Tot Ion: 75 Resp: 12117

Ion Ratio Lower Upper

75 100

110 8.3 16.9 50.6#

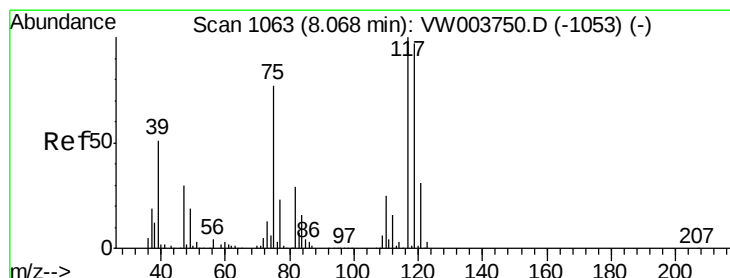
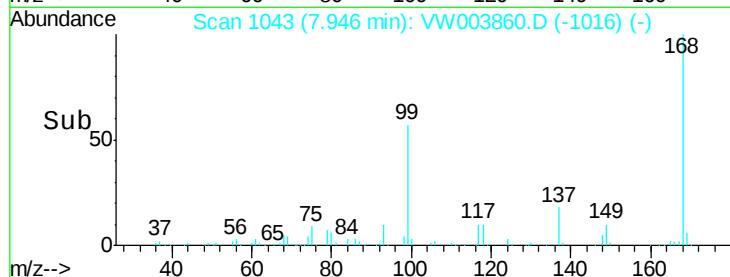
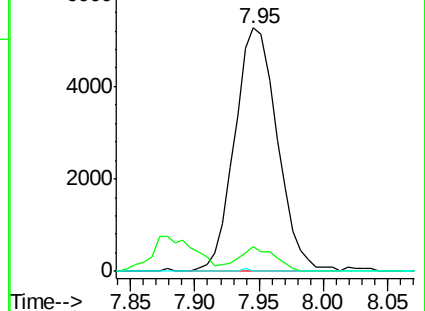
77 0.2 24.8 37.2#



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: 6.12 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.12 min

Lab File: VW003860.D

Acq: 11 Jul 2018 08:32

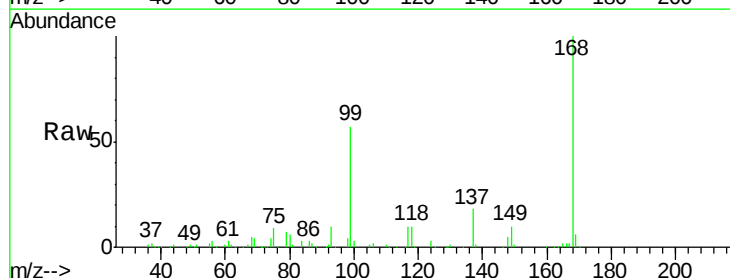
Tgt Ion: 117 Resp: 13936

Ion Ratio Lower Upper

117 100

119 4.6 77.4 116.2#

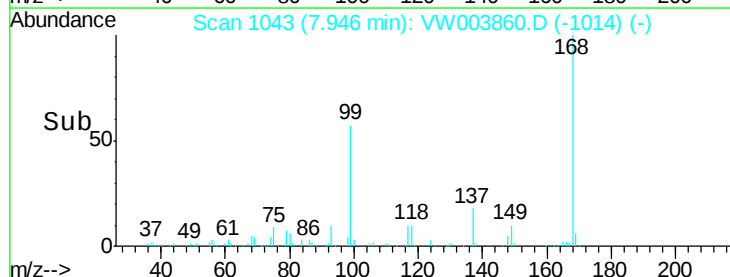
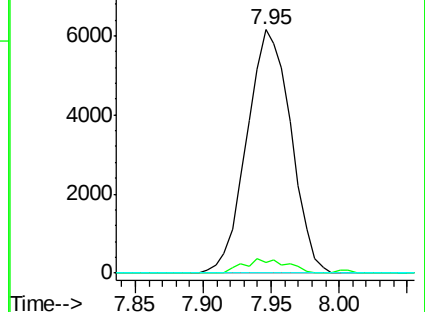
121 0.0 24.6 37.0#

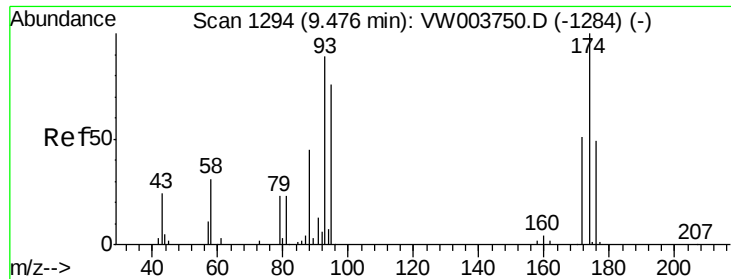


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

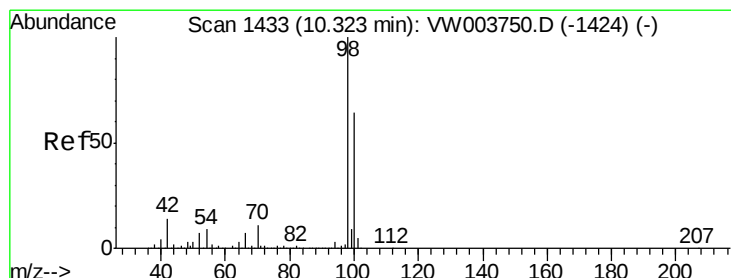
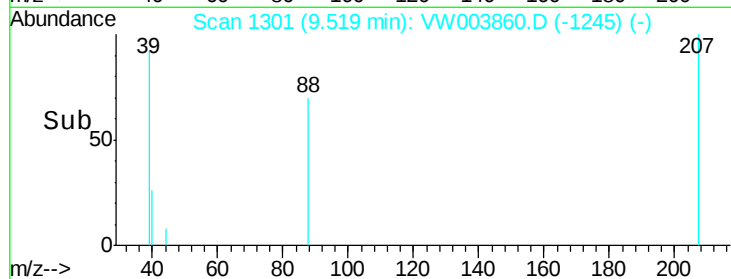
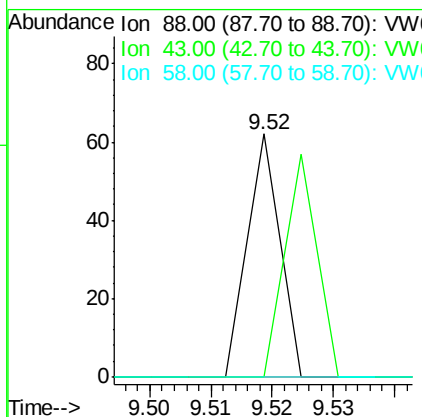
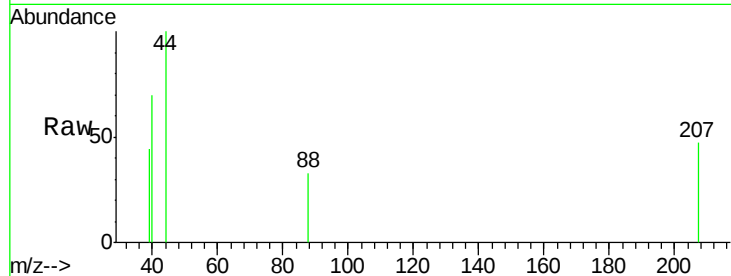




#49
 1,4-Dioxane
 Concen: 1.65 ug/l
 RT: 9.52 min Scan# 1301
 Delta R.T. 0.04 min
 Lab File: VW003860.D
 Acq: 11 Jul 2018 08:32

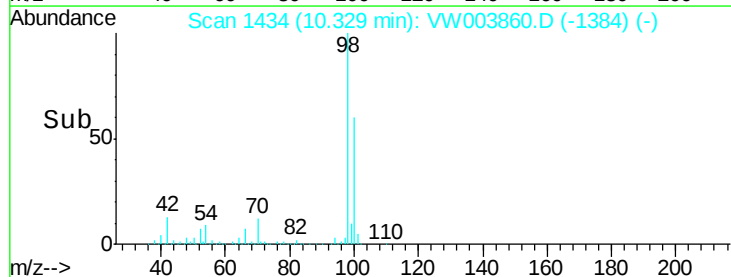
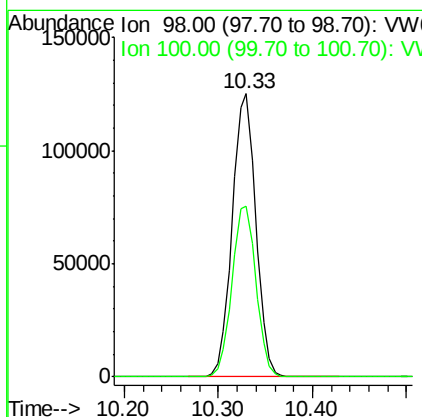
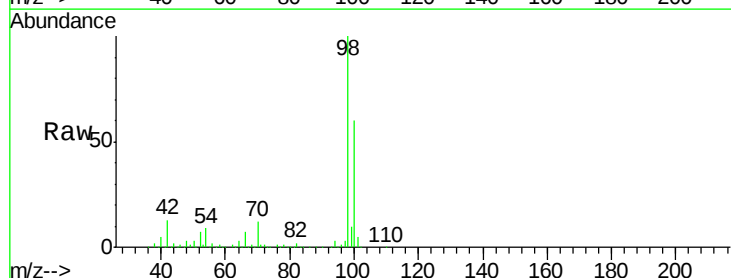
Instrument :
 MSVOA_W
 ClientSampleId :
 AOC7-SWN1-1-1.5

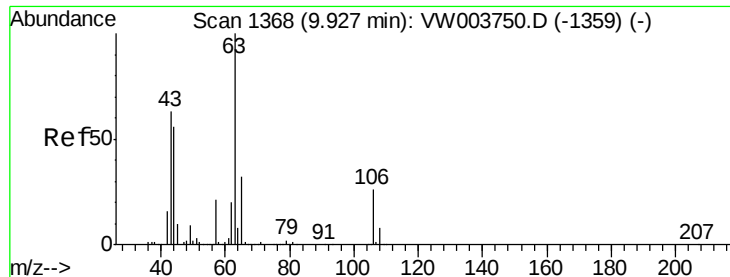
Tot Ion: 88 Resp: 23
 Ion Ratio Lower Upper
 88 100
 43 91.3 0.0 0.0#
 58 0.0 59.7 89.5#



#50
 Toluene-d8
 Concen: 36.12 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. 0.01 min
 Lab File: VW003860.D
 Acq: 11 Jul 2018 08:32

Tgt Ion: 98 Resp: 218137
 Ion Ratio Lower Upper
 98 100
 100 61.4 50.8 76.2

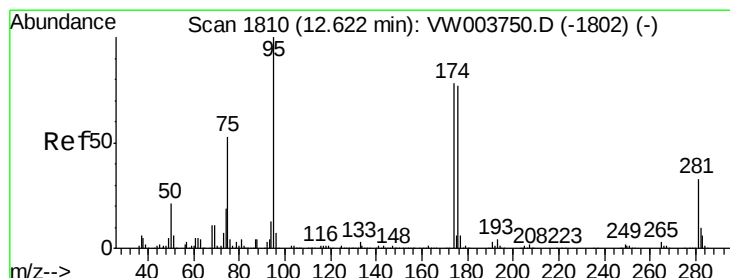
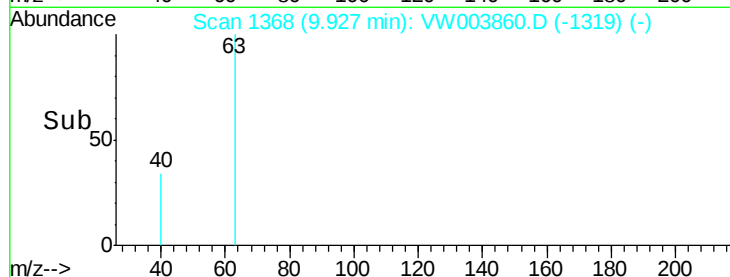
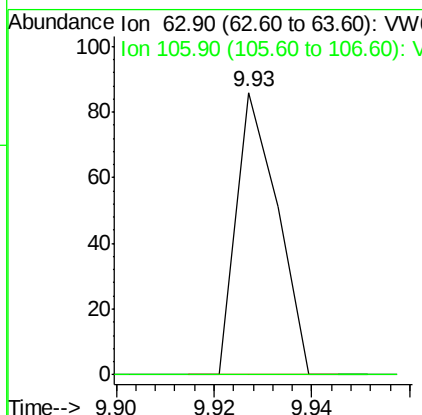
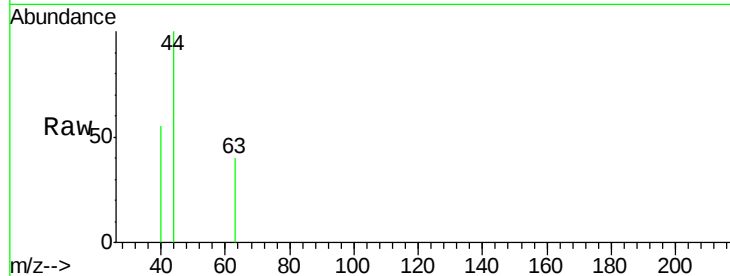




#58
 2-Chloroethyl Vinyl ether
 Concen: 13.22 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: VW003860.D
 Acq: 11 Jul 2018 08:32

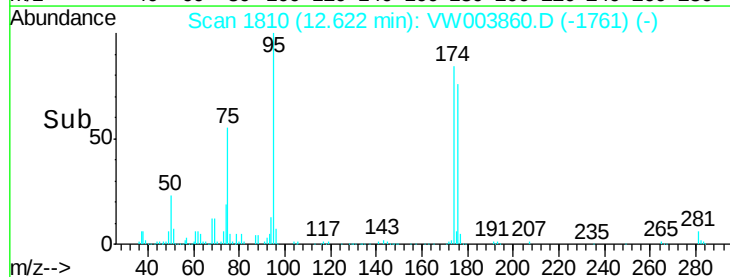
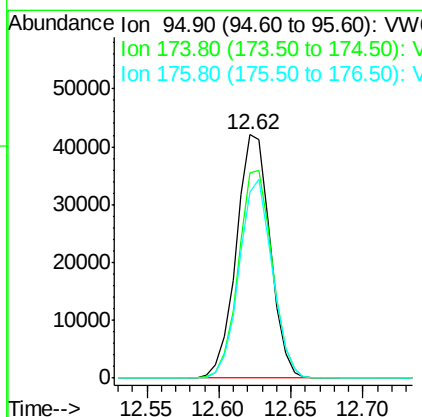
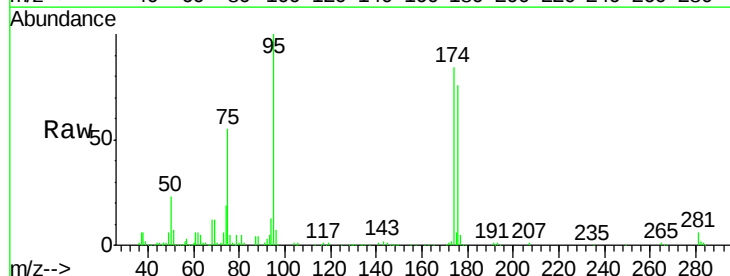
Instrument :
 MSVOA_W
 ClientSampleId :
 AOC7-SWN1-1-1.5

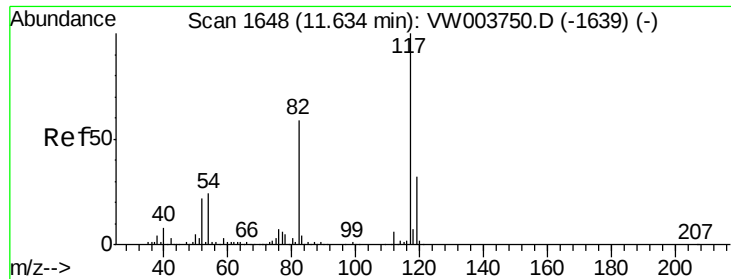
Tot Ion: 63 Resp: 50
 Ion Ratio Lower Upper
 63 100
 106 0.0 20.9 31.3#



#62
 4-Bromofluorobenzene
 Concen: 31.34 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VW003860.D
 Acq: 11 Jul 2018 08:32

Tgt Ion: 95 Resp: 68490
 Ion Ratio Lower Upper
 95 100
 174 85.1 0.0 163.4
 176 79.5 0.0 156.8

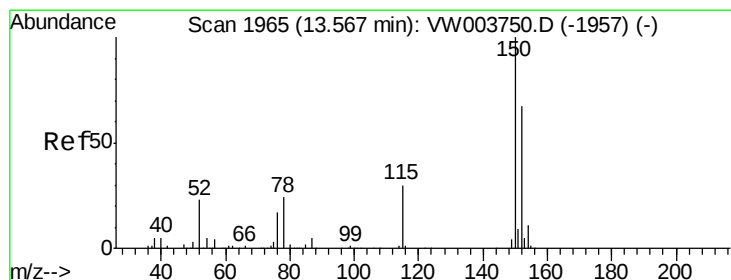
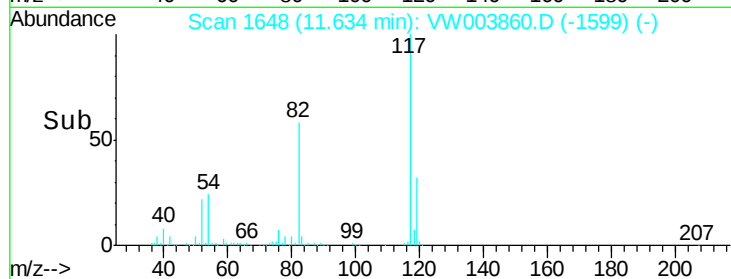
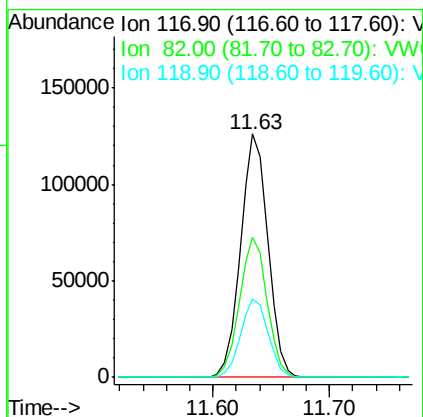
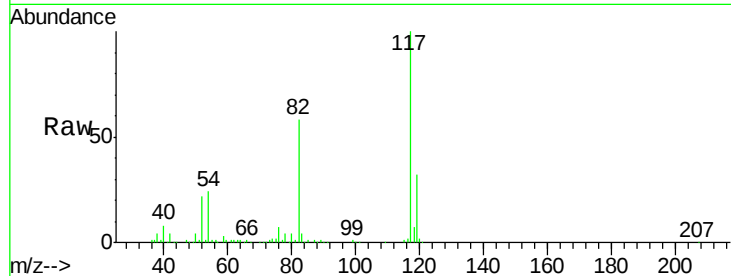




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW003860.D
Acq: 11 Jul 2018 08:32

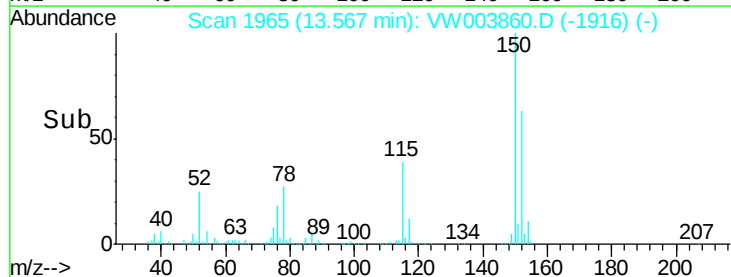
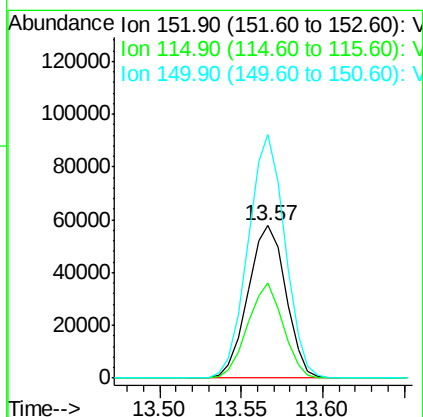
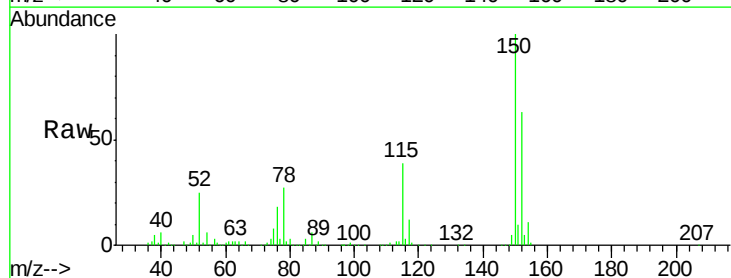
Instrument :
MSVOA_W
ClientSampleId :
AOC7-SWN1-1-1.5

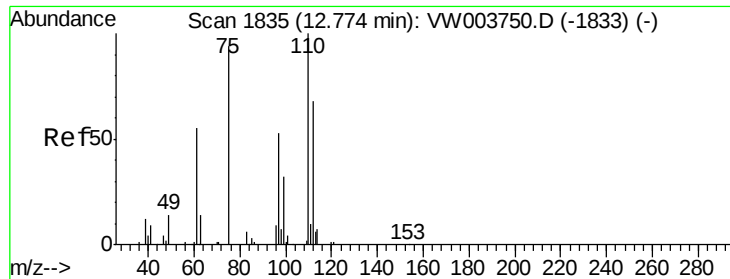
Tot Ion:117 Resp: 206464
Ion Ratio Lower Upper
117 100
82 57.7 46.9 70.3
119 32.3 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW003860.D
Acq: 11 Jul 2018 08:32

Tgt Ion:152 Resp: 93642
Ion Ratio Lower Upper
152 100
115 58.2 28.9 86.8
150 155.5 0.0 342.4

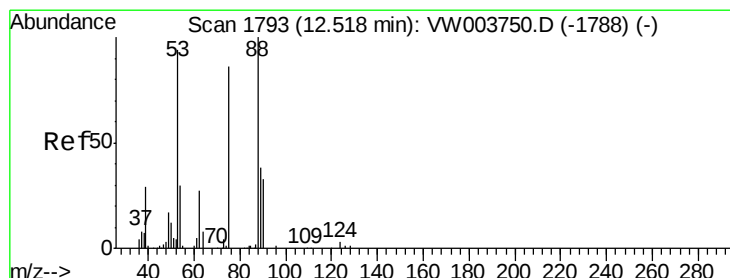
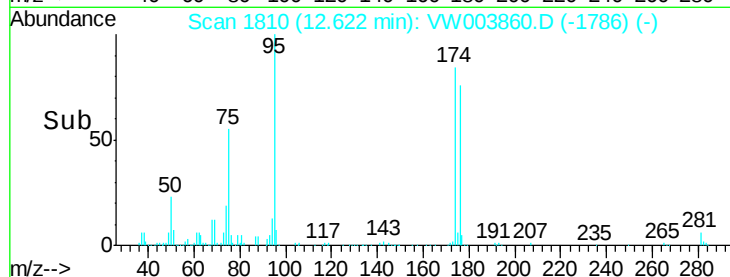
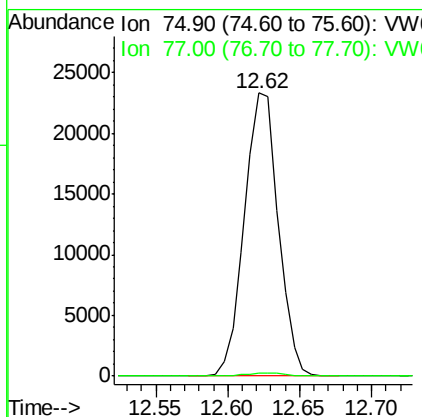
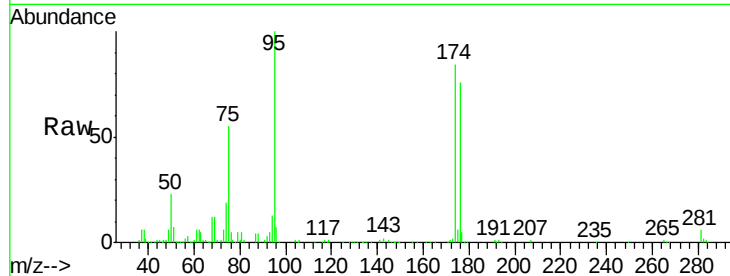




#76
 1,2,3-Trichloropropane
 Concen: 41.28 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.15 min
 Lab File: VW003860.D
 Acq: 11 Jul 2018 08:32

Instrument :
 MSVOA_W
 ClientSampleId :
 AOC7-SWN1-1-1.5

Tot Ion: 75 Resp: 37956
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 100.97 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.10 min
 Lab File: VW003860.D
 Acq: 11 Jul 2018 08:32

Tgt Ion: 75 Resp: 37956
 Ion Ratio Lower Upper
 75 100
 53 0.4 85.0 127.6#
 89 0.0 36.3 54.5#

