

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071018\
 Data File : VW003832.D
 Acq On : 10 Jul 2018 18:16
 Operator : SY/AP
 Sample : J3888-03
 Misc : 6.57G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Jul 11 04:44:24 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	133634	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	231153	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	209615	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	92272	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	72039	41.22	ug/l	0.00
Spiked Amount			Recovery	=	82.44%	
35) Dibromofluoromethane	7.88	113	61844	38.23	ug/l	0.00
Spiked Amount			Recovery	=	76.46%	
50) Toluene-d8	10.33	98	189630	30.64	ug/l	0.00
Spiked Amount			Recovery	=	61.28%	
62) 4-Bromofluorobenzene	12.62	95	64494	28.80	ug/l	0.00
Spiked Amount			Recovery	=	57.60%	

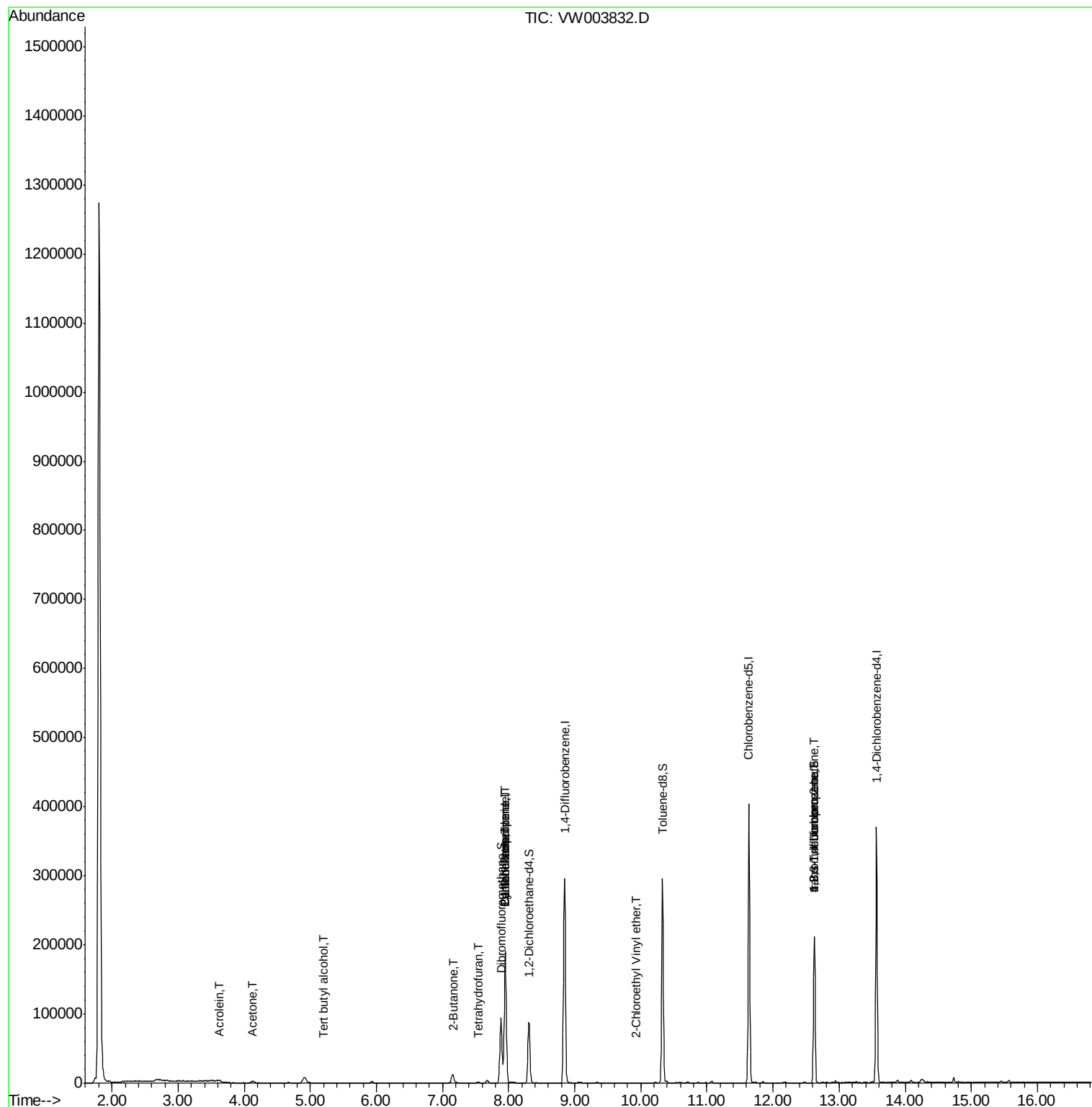
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.19	59	295	3.115	ug/l #	70
13) Acrolein	3.62	56	48	5.041	ug/l #	1
16) Acetone	4.13	43	4592	15.145	ug/l	96
25) 2-Butanone	7.17	43	750	1.579	ug/l #	51
29) Tetrahydrofuran	7.54	42	528	1.730	ug/l #	54
31) Cyclohexane	7.95	56	3768	1.478	ug/l #	26
36) 1,1-Dichloropropene	7.95	75	11307	4.610	ug/l #	52
38) Carbon Tetrachloride	7.95	117	13965	5.989	ug/l #	14
58) 2-Chloroethyl Vinyl ether	9.93	63	23	13.193	ug/l #	49
76) 1,2,3-Trichloropropane	12.62	75	34636	38.226	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	34636	93.509	ug/l #	8

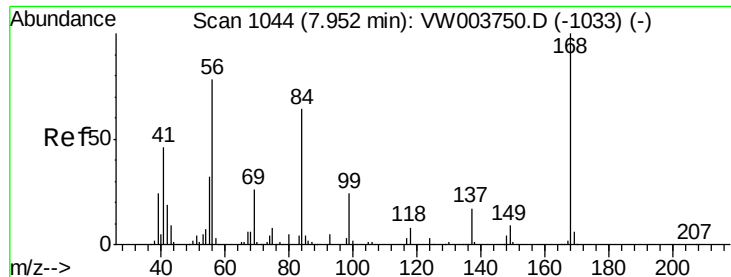
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071018\
Data File : VW003832.D
Acq On : 10 Jul 2018 18:16
Operator : SY/AP
Sample : J3888-03
Misc : 6.57G/5ML/MSVOA W/SOIL
ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Jul 11 04:44:24 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
Quant Title : SW846 8260
QLast Update : Sat Jul 07 05:07:25 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003832.D

Acq: 10 Jul 2018 18:16

Instrument :

MSVOA_W

ClientSampleId :

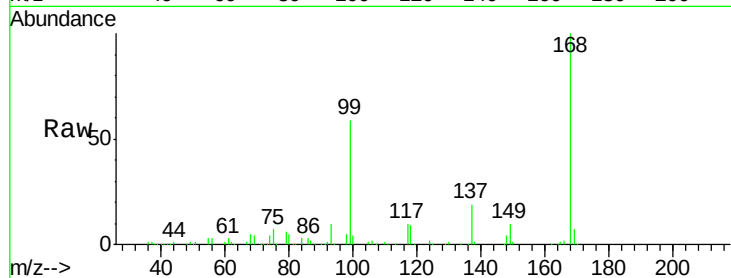
AOC7-SWN1-1-1.5

Tot Ion:168 Resp: 133634

Ion Ratio Lower Upper

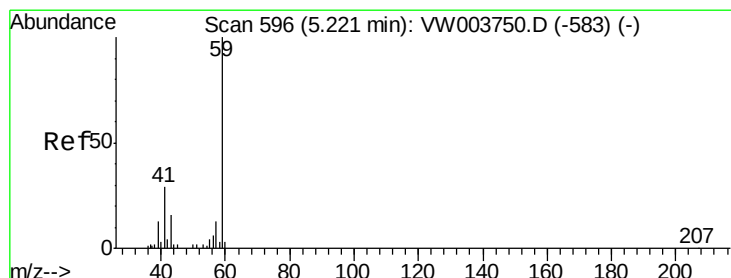
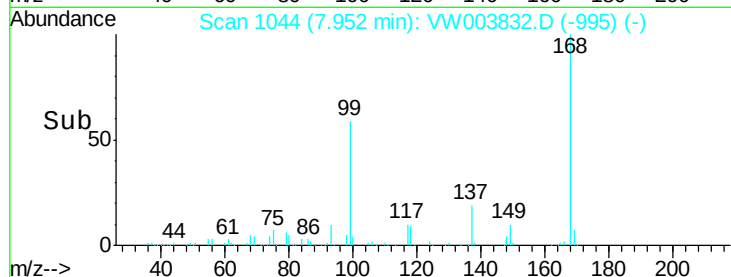
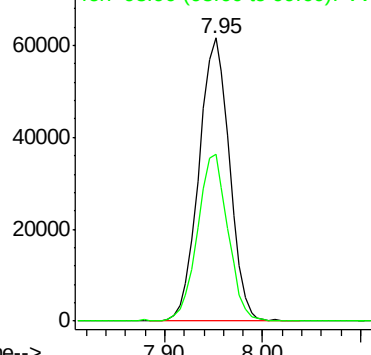
168 100

99 58.7 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 3.115 ug/l

RT: 5.19 min Scan# 591

Delta R.T. -0.03 min

Lab File: VW003832.D

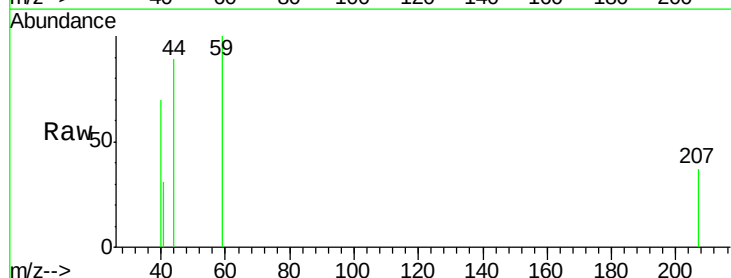
Acq: 10 Jul 2018 18:16

Tgt Ion: 59 Resp: 295

Ion Ratio Lower Upper

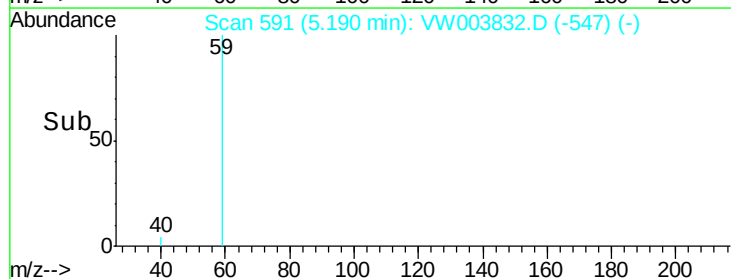
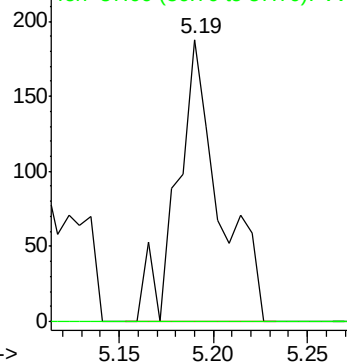
59 100

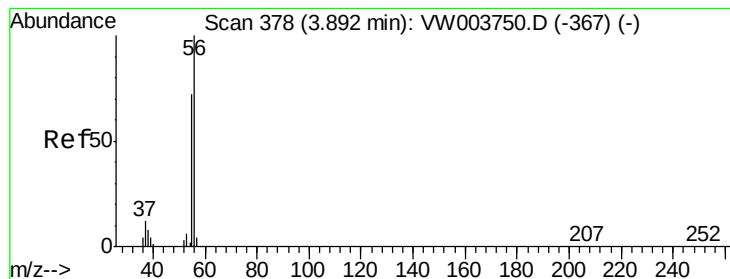
57 0.0 9.3 13.9#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#13

Acrolein

Concen: 5.041 ug/l

RT: 3.62 min Scan# 334

Delta R.T. -0.27 min

Lab File: VW003832.D

Acq: 10 Jul 2018 18:16

Instrument :

MSVOA_W

ClientSampleId :

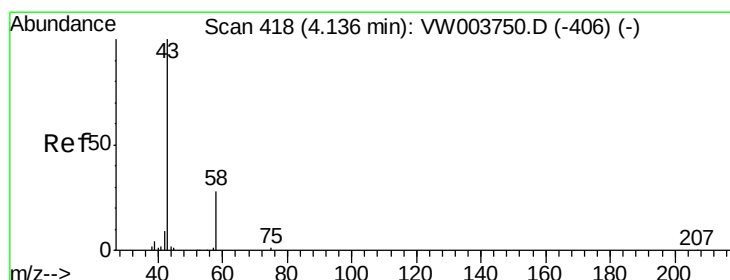
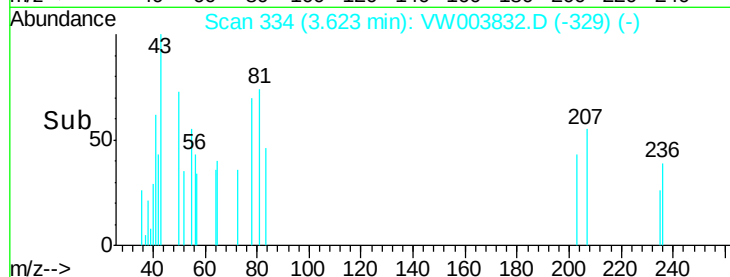
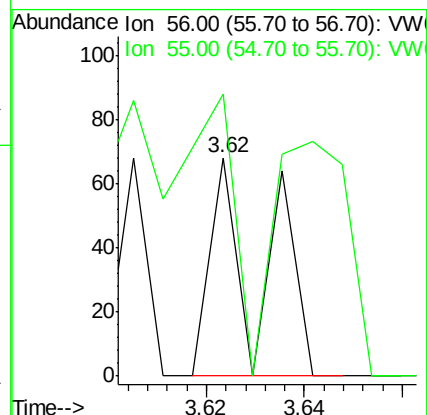
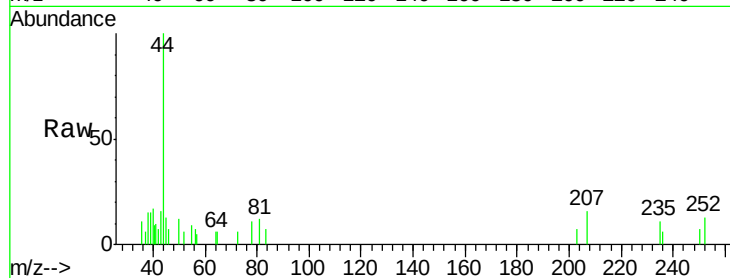
AOC7-SWN1-1-1.5

Tot Ion: 56 Resp: 48

Ion Ratio Lower Upper

56 100

55 158.3 57.5 86.3#



#16

Acetone

Concen: 15.145 ug/l

RT: 4.13 min Scan# 417

Delta R.T. -0.01 min

Lab File: VW003832.D

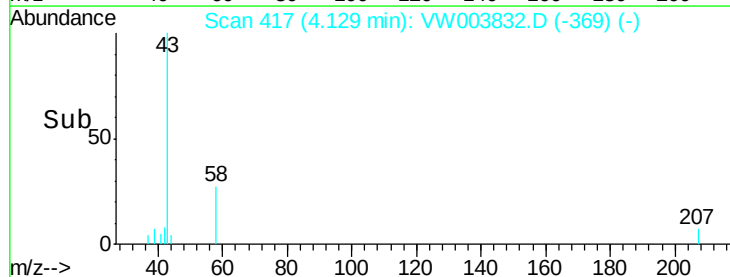
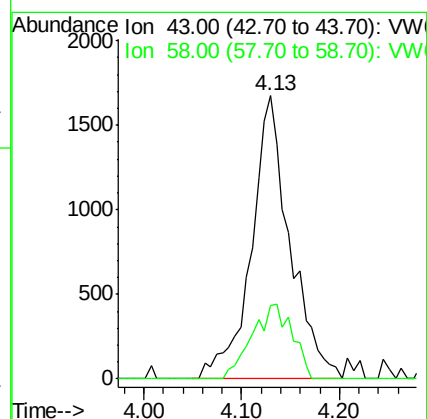
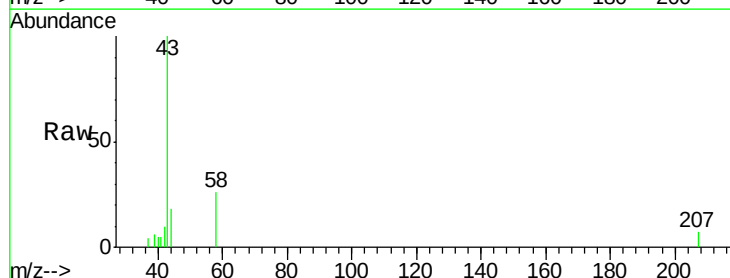
Acq: 10 Jul 2018 18:16

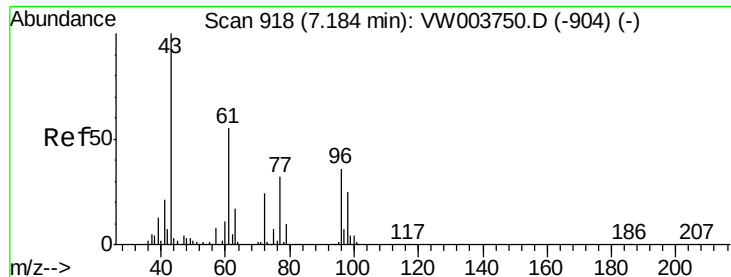
Tgt Ion: 43 Resp: 4592

Ion Ratio Lower Upper

43 100

58 26.0 22.6 34.0

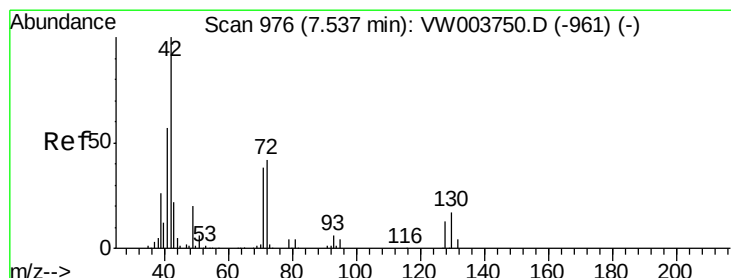
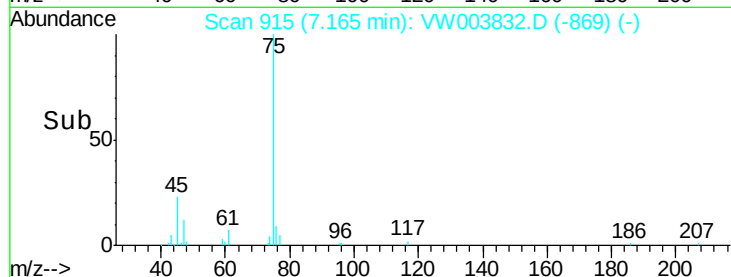
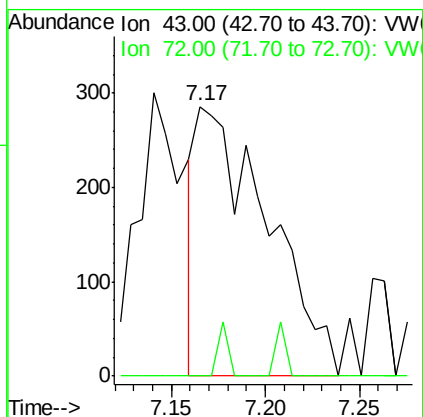
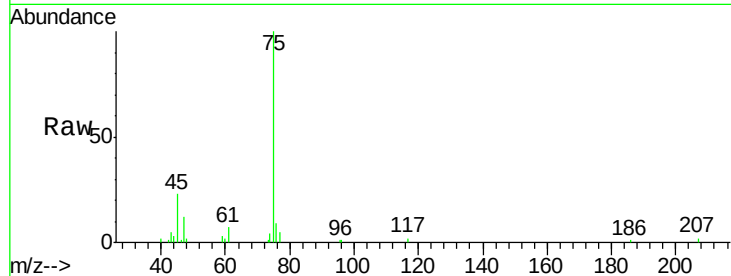




#25
2-Butanone
Concen: 1.579 ug/l
RT: 7.17 min Scan# 915
Delta R.T. -0.02 min
Lab File: VW003832.D
Acq: 10 Jul 2018 18:16

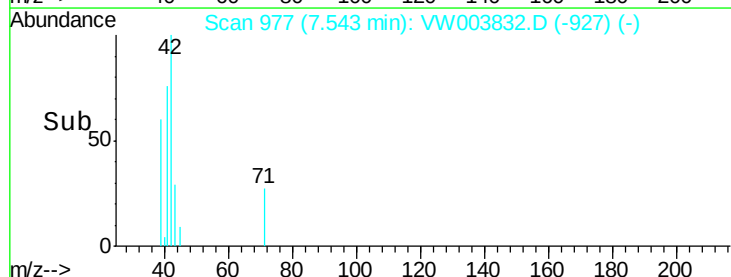
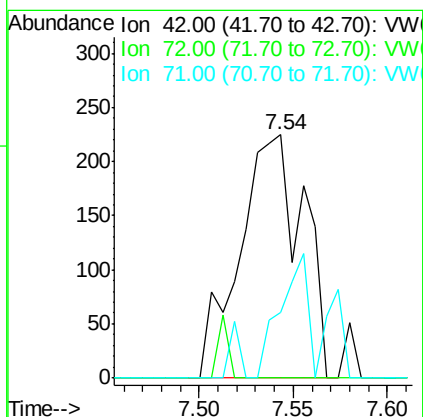
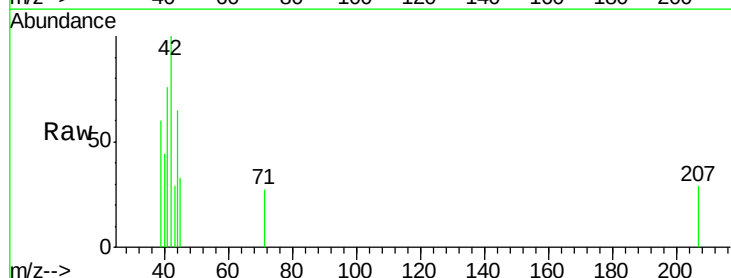
Instrument :
MSVOA_W
ClientSampleId :
AOC7-SWN1-1-1.5

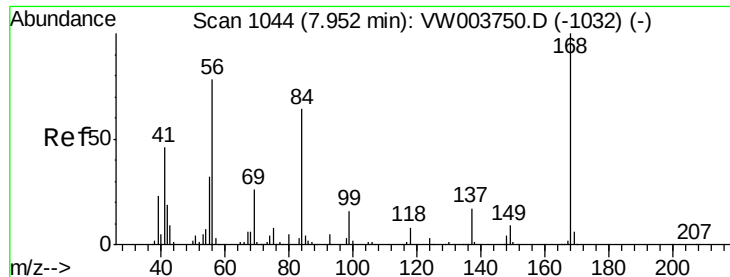
Tot Ion: 43 Resp: 750
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



#29
Tetrahydrofuran
Concen: 1.730 ug/l
RT: 7.54 min Scan# 977
Delta R.T. 0.01 min
Lab File: VW003832.D
Acq: 10 Jul 2018 18:16

Tgt Ion: 42 Resp: 528
Ion Ratio Lower Upper
42 100
72 0.0 31.8 47.8#
71 22.0 30.3 45.5#





#31

Cyclohexane

Concen: 1.478 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003832.D

Acq: 10 Jul 2018 18:16

Instrument :

MSVOA_W

ClientSampleId :

AOC7-SWN1-1-1.5

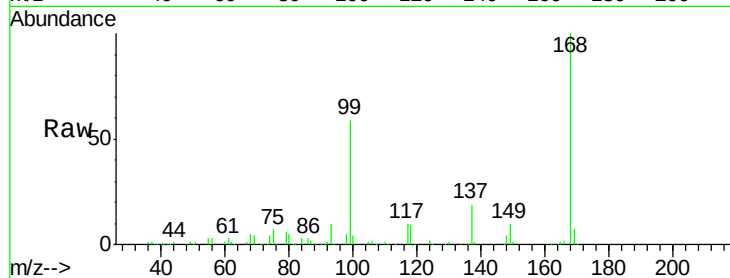
Tot Ion: 56 Resp: 3768

Ion Ratio Lower Upper

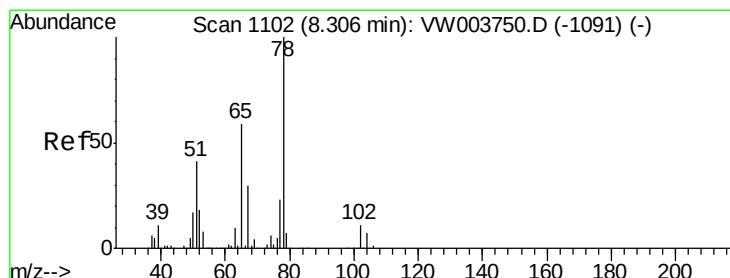
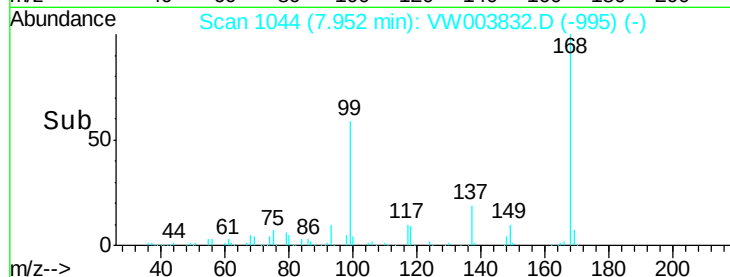
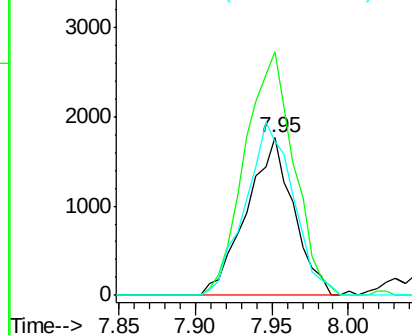
56 100

69 154.5 26.2 39.4#

84 97.5 65.5 98.3



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: 41.223 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. -0.00 min

Lab File: VW003832.D

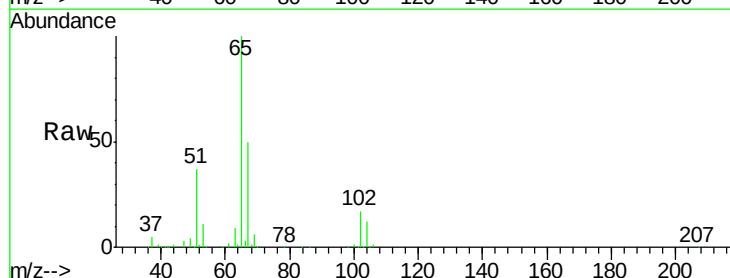
Acq: 10 Jul 2018 18:16

Tgt Ion: 65 Resp: 72039

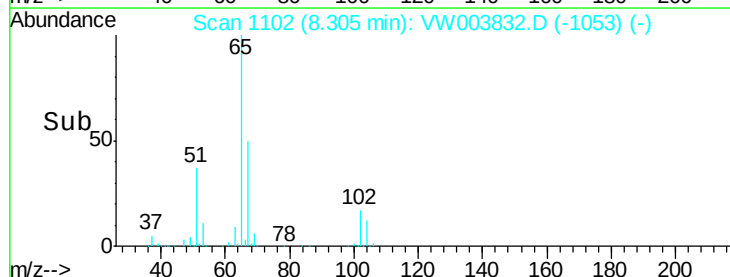
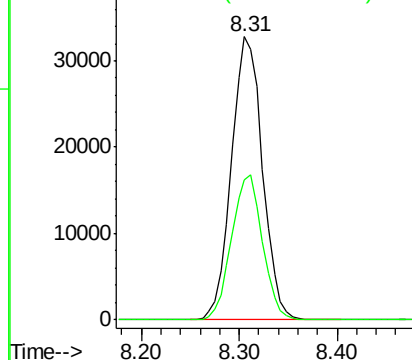
Ion Ratio Lower Upper

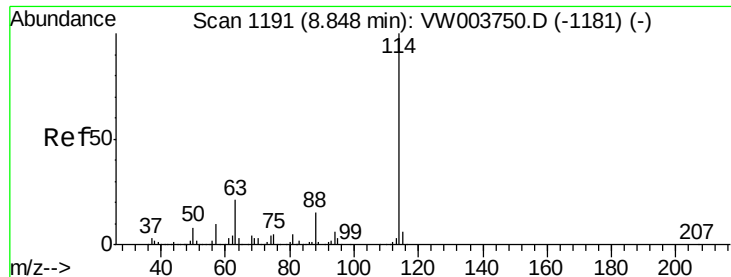
65 100

67 51.0 0.0 103.8



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

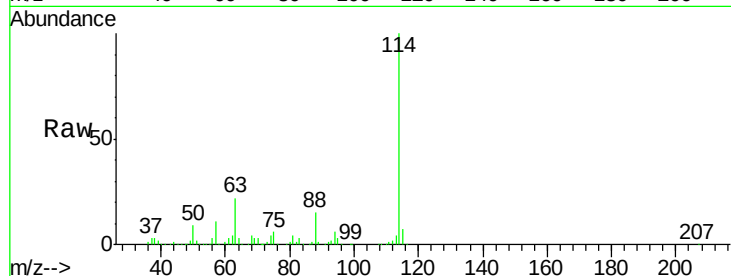




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW003832.D
 Acq: 10 Jul 2018 18:16

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

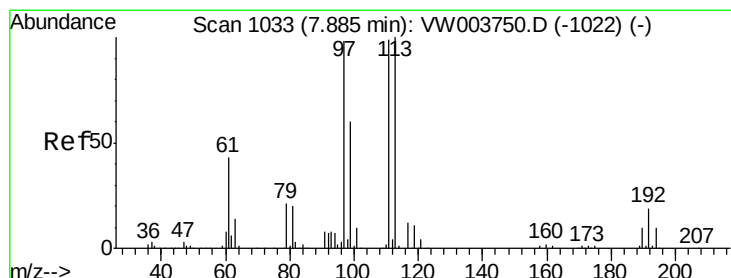
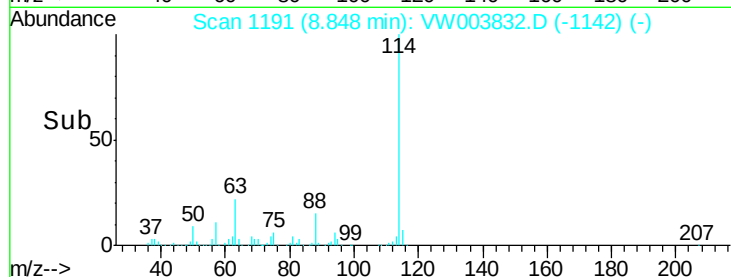
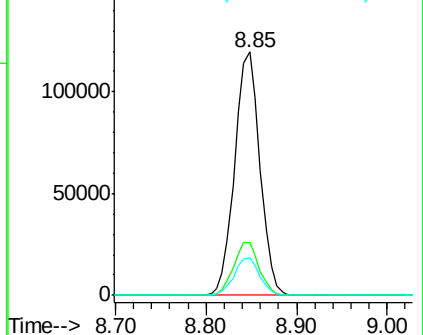
Tot Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	41.8
88	15.5	0.0	30.2



Abundance Ion 113.90 (113.60 to 114.60): V

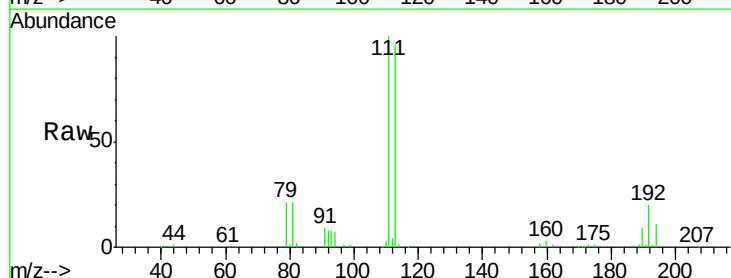
Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35
 Dibromofluoromethane
 Concen: 38.227 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW003832.D
 Acq: 10 Jul 2018 18:16

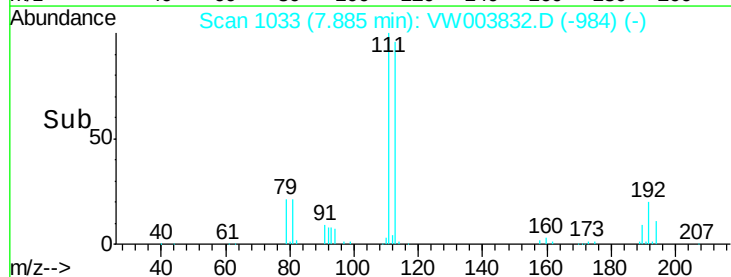
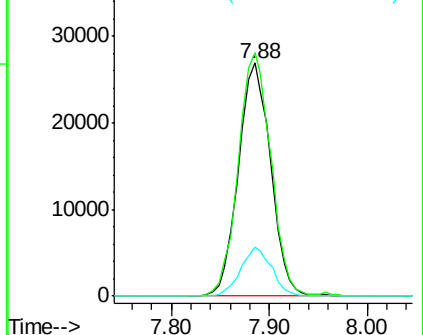
Tgt Ion	Ratio	Lower	Upper
113	100		
111	105.3	81.7	122.5
192	20.0	15.8	23.8

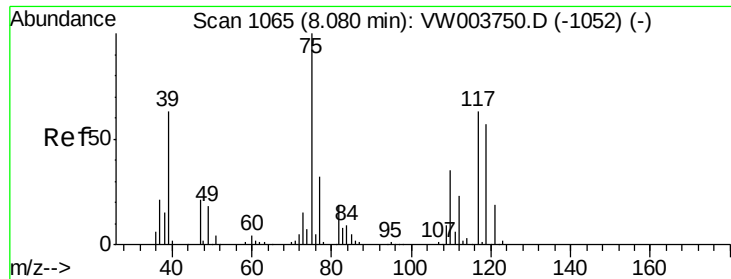


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.610 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.13 min

Lab File: VW003832.D

Acq: 10 Jul 2018 18:16

Instrument :

MSVOA_W

ClientSampleId :

AOC7-SWN1-1-1.5

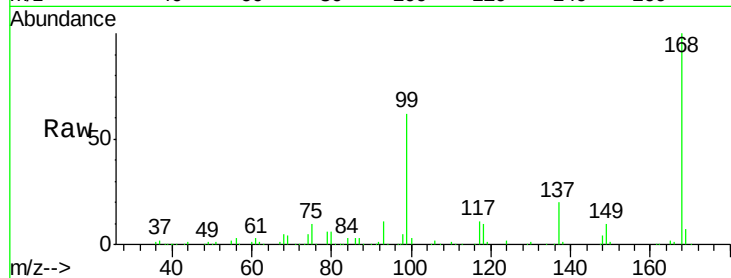
Tot Ion: 75 Resp: 11307

Ion Ratio Lower Upper

75 100

110 10.3 16.9 50.6#

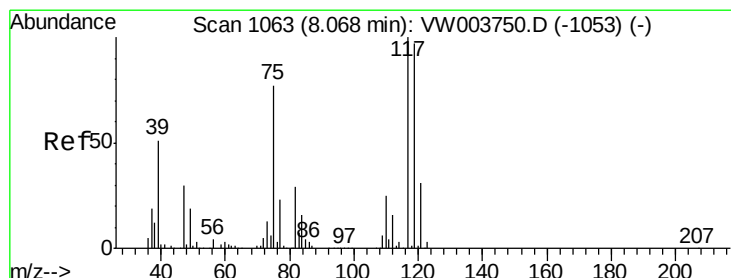
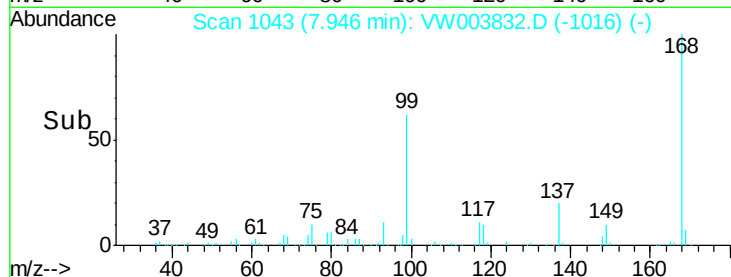
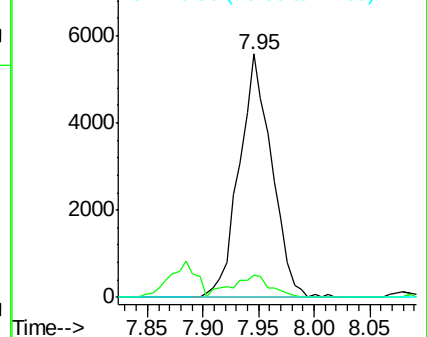
77 0.0 24.8 37.2#



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: 5.989 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW003832.D

Acq: 10 Jul 2018 18:16

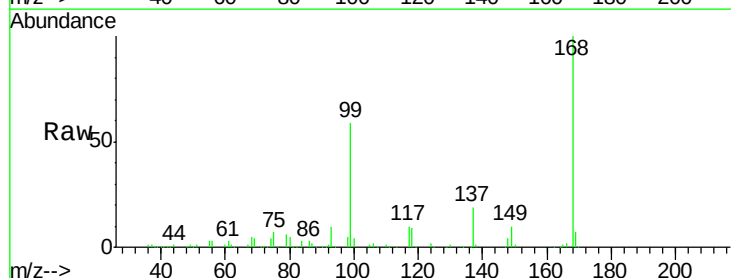
Tgt Ion: 117 Resp: 13965

Ion Ratio Lower Upper

117 100

119 3.0 77.4 116.2#

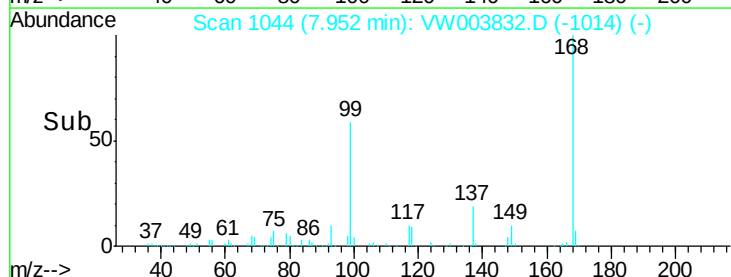
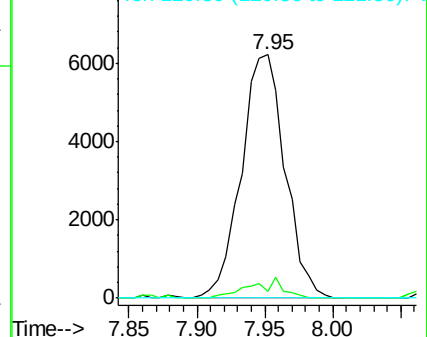
121 0.0 24.6 37.0#

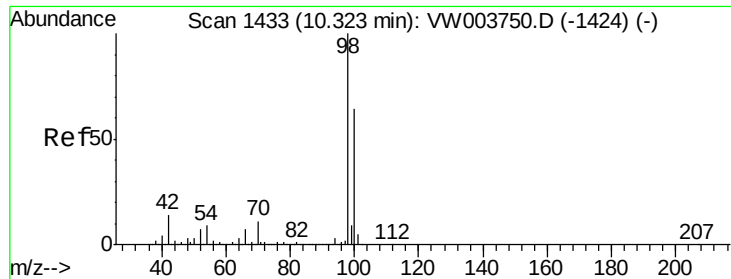


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#50

Toluene-d8

Concen: 30.642 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.01 min

Lab File: VW003832.D

Acq: 10 Jul 2018 18:16

Instrument :

MSVOA_W

ClientSampleId :

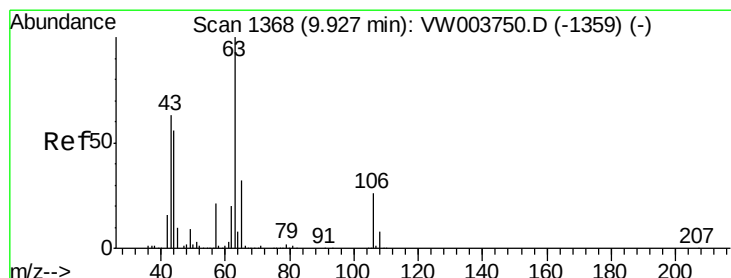
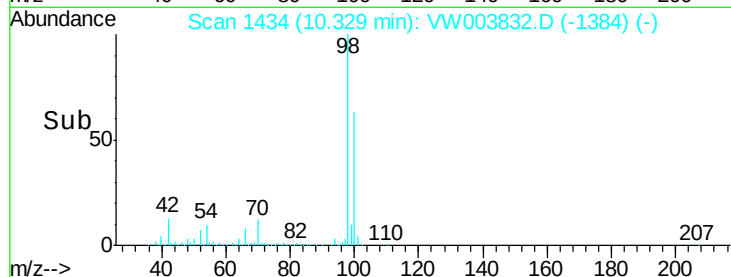
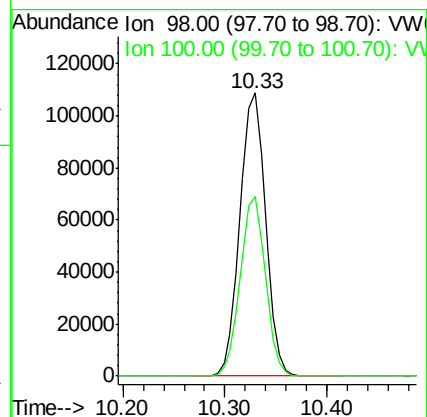
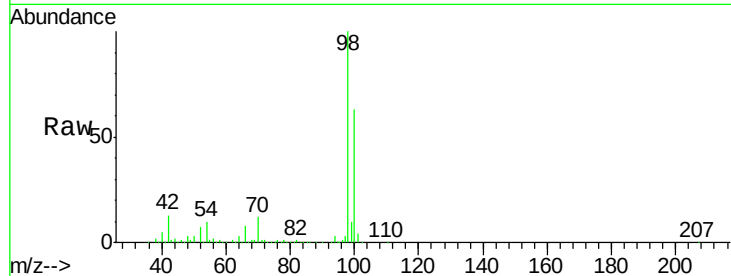
AOC7-SWN1-1-1.5

Tot Ion: 98 Resp: 189630

Ion Ratio Lower Upper

98 100

100 62.3 50.8 76.2



#58

2-Chloroethyl Vinyl ether

Concen: 13.193 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VW003832.D

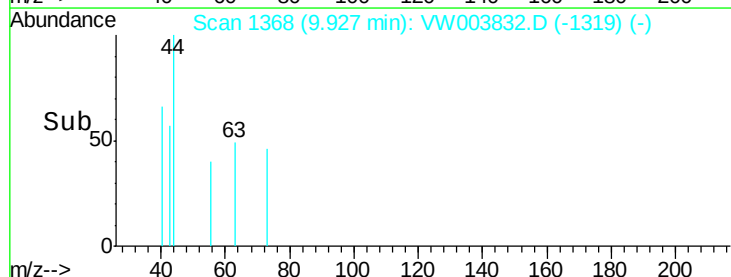
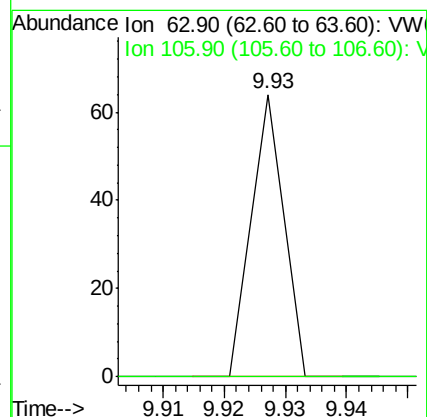
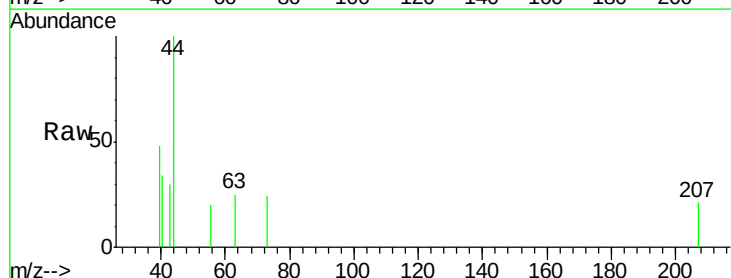
Acq: 10 Jul 2018 18:16

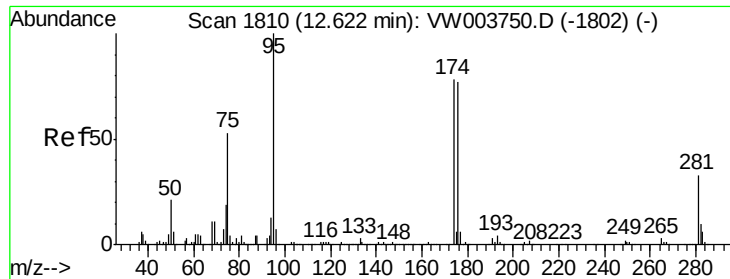
Tgt Ion: 63 Resp: 23

Ion Ratio Lower Upper

63 100

106 0.0 20.9 31.3#

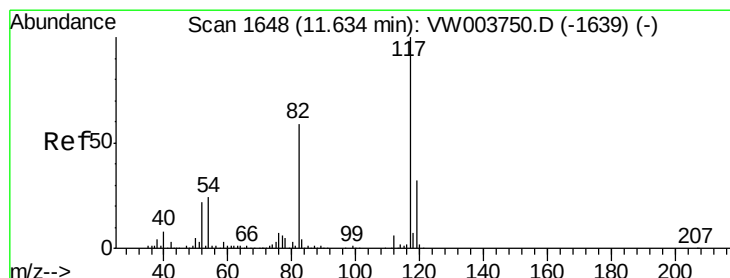
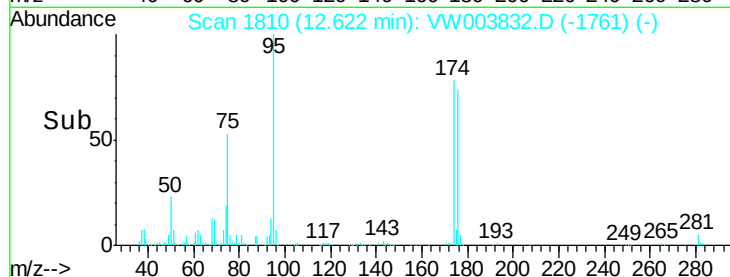
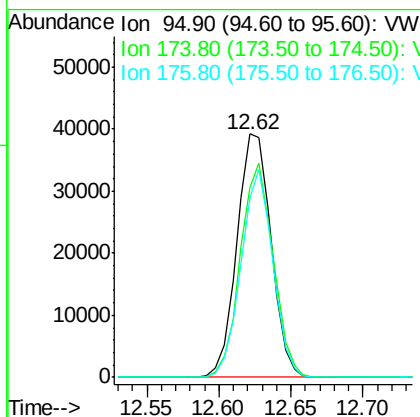
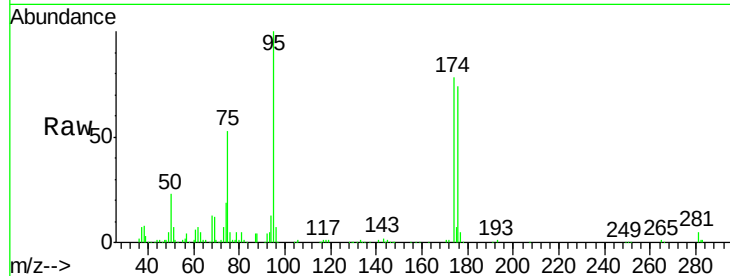




#62
4-Bromofluorobenzene
Concen: 28.804 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VW003832.D
Acq: 10 Jul 2018 18:16

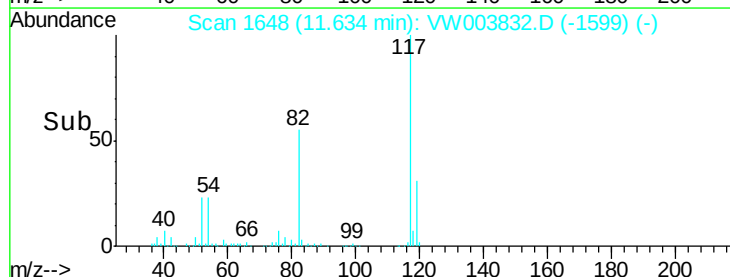
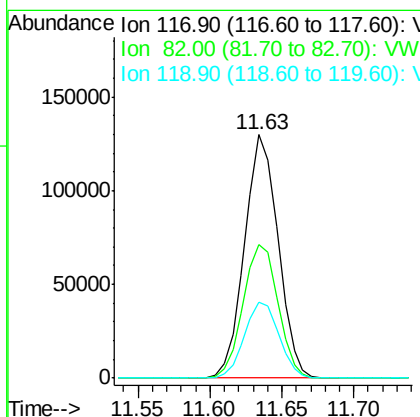
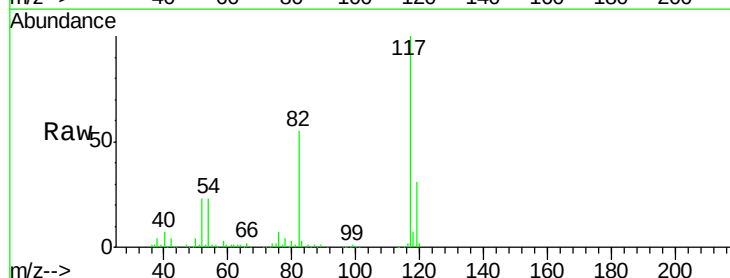
Instrument :
MSVOA_W
ClientSampleId :
AOC7-SWN1-1-1.5

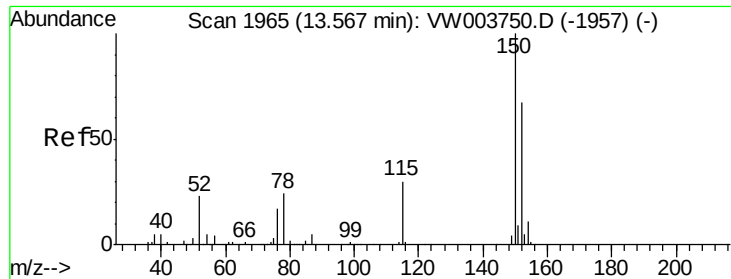
Tot Ion: 95 Resp: 64494
Ion Ratio Lower Upper
95 100
174 84.4 0.0 163.4
176 78.9 0.0 156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW003832.D
Acq: 10 Jul 2018 18:16

Tgt Ion: 117 Resp: 209615
Ion Ratio Lower Upper
117 100
82 54.9 46.9 70.3
119 31.2 25.5 38.3



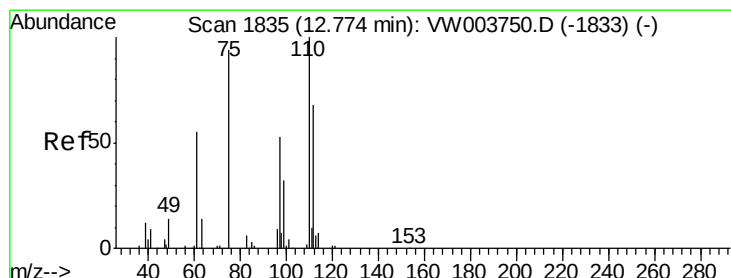
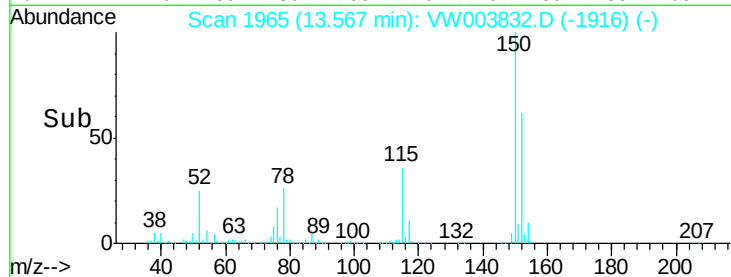
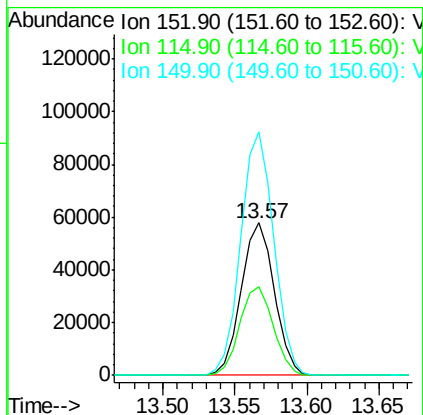
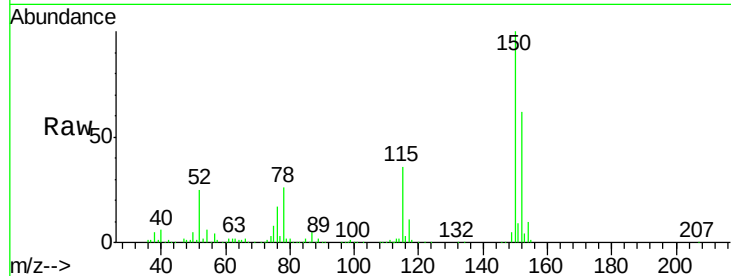


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW003832.D
Acq: 10 Jul 2018 18:16

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

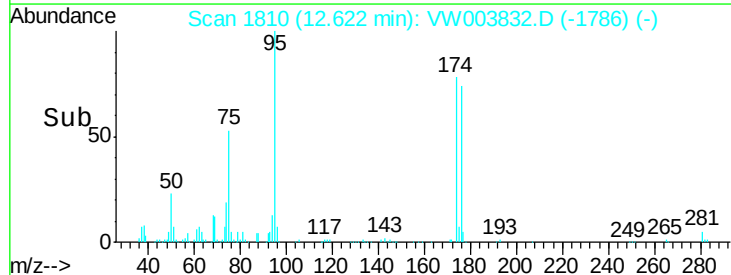
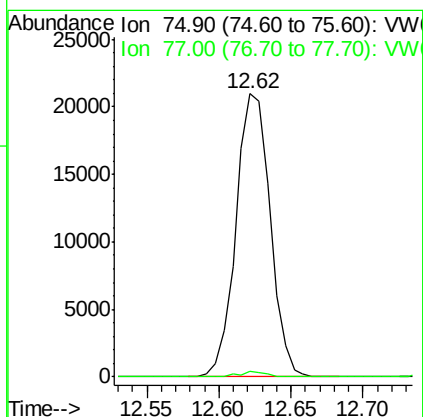
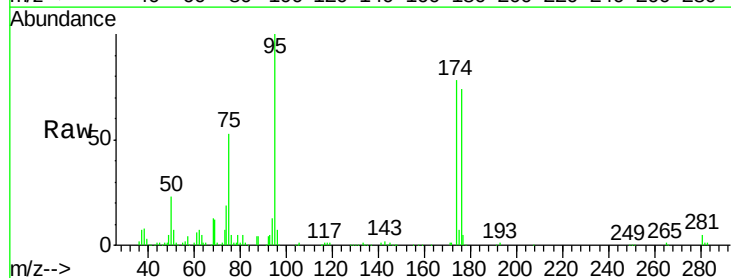
Tot Ion:152 Resp: 92272
Ion Ratio Lower Upper
152 100
115 58.6 28.9 86.8
150 158.9 0.0 342.4

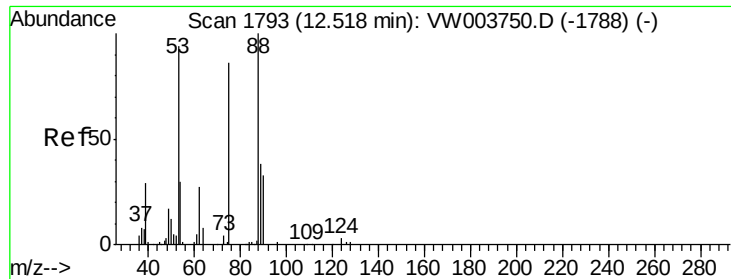


#76

1,2,3-Trichloropropane
Concen: 38.226 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.15 min
Lab File: VW003832.D
Acq: 10 Jul 2018 18:16

Tgt Ion: 75 Resp: 34636
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 93.509 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW003832.D

Acq: 10 Jul 2018 18:16

Instrument :

MSVOA_W

ClientSampleId :

AOC7-SWN1-1-1.5

Tot Ion: 75 Resp: 34636

Ion Ratio Lower Upper

75 100

53 0.3 85.0 127.6#

89 0.0 36.3 54.5#

