

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090618\
 Data File : VW005188.D
 Acq On : 07 Sep 2018 03:48
 Operator : SY/AP
 Sample : J4748-06
 Misc : 6.60G/5ML/MSVOA_W/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DW-11

Quant Time: Sep 07 04:19:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 01 03:35:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	285244	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	482740	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	203510	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	85365	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	207845	87.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	175.80%	
35) Dibromofluoromethane	7.89	113	166703	59.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.52%	
50) Toluene-d8	10.33	98	185571	14.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	28.88%	
62) 4-Bromofluorobenzene	12.63	95	125450	27.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	55.36%	

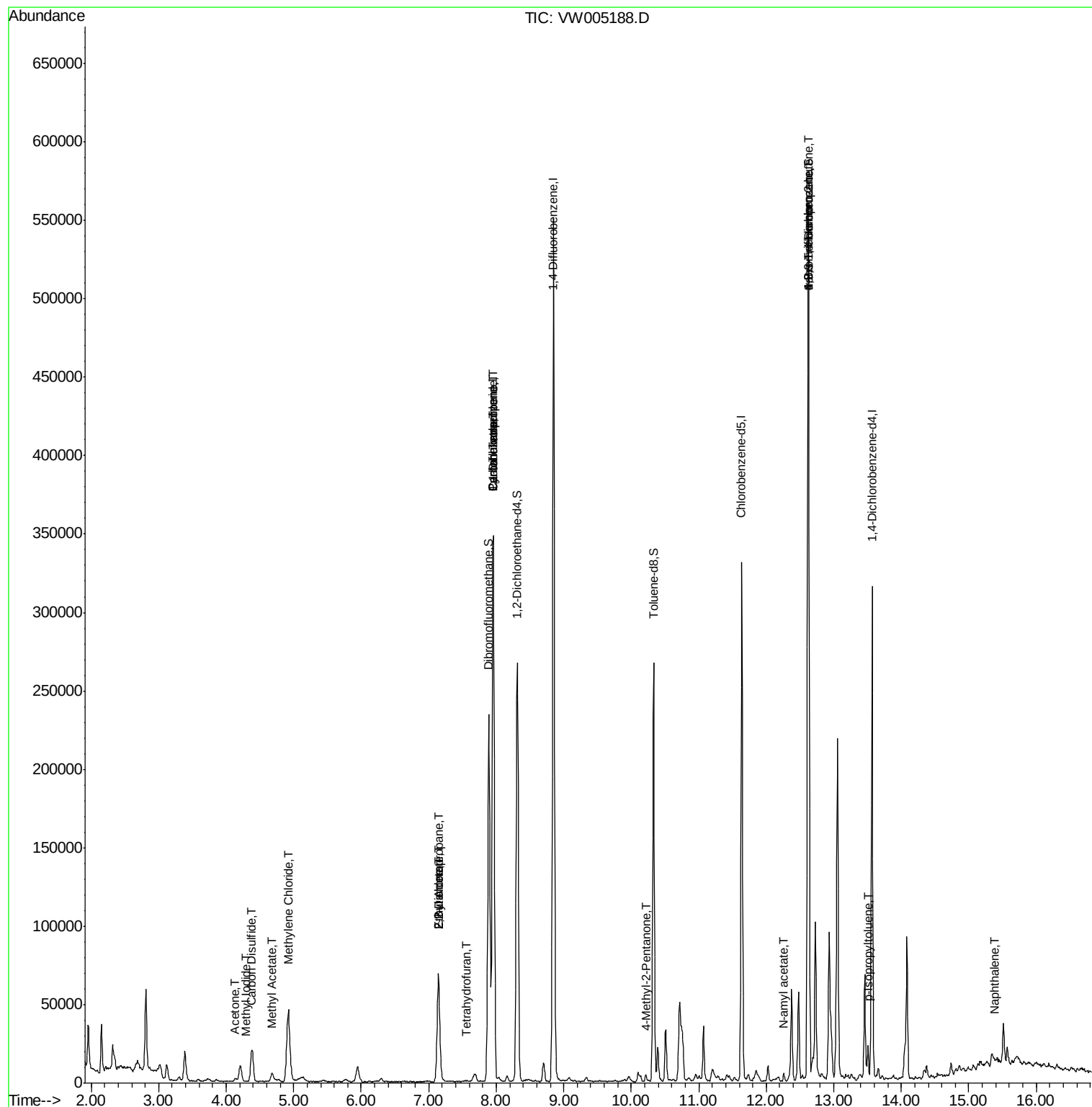
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.77	94	835	Below Cal	#	58
10) Methyl Iodide	4.29	142	594	3.965	ug/l #	54
11) Tert butyl alcohol	5.13	59	3614	Below Cal	#	72
16) Acetone	4.13	43	3659	7.716	ug/l	88
17) Carbon Disulfide	4.38	76	44064	5.483	ug/l	95
18) Methyl Acetate	4.68	43	10581	7.585	ug/l	99
20) Methylene Chloride	4.92	84	38668	8.868	ug/l	97
25) 2-Butanone	7.15	43	3822	4.647	ug/l #	64
26) 2,2-Dichloropropane	7.15	77	4759	1.221	ug/l #	51
29) Tetrahydrofuran	7.56	42	489	1.164	ug/l #	39
31) Cyclohexane	7.95	56	5560	1.197	ug/l #	1
36) 1,1-Dichloropropene	7.96	75	18650	4.056	ug/l #	48
37) Ethyl Acetate	7.15	43	3822	2.223	ug/l #	1
38) Carbon Tetrachloride	7.95	117	25765	5.894	ug/l #	16
51) 4-Methyl-2-Pentanone	10.22	43	2783	1.327	ug/l	89
74) N-amyl acetate	12.26	43	1133	1.093	ug/l #	59
76) 1,2,3-Trichloropropane	12.62	75	58426	91.181	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	58426	219.463	ug/l #	15
86) p-Isopropyltoluene	13.51	119	10302	1.822	ug/l	92
95) Naphthalene	15.38	128	4265	5.255	ug/l	97

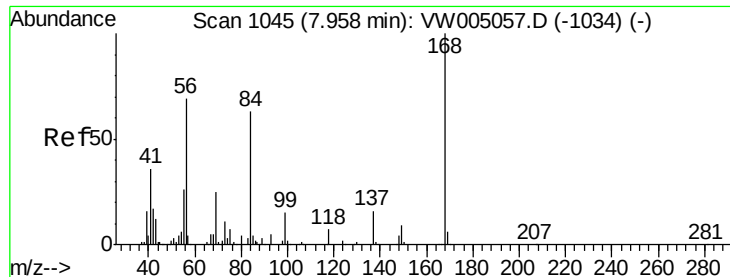
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW090618\
Data File : VW005188.D
Acq On : 07 Sep 2018 03:48
Operator : SY/AP
Sample : J4748-06
Misc : 6.60G/5ML/MSVOA_W/SOIL
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DW-11

Quant Time: Sep 07 04:19:46 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 01 03:35:05 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005188.D

Acq: 07 Sep 2018 03:48

Instrument :

MSVOA_W

ClientSampled :

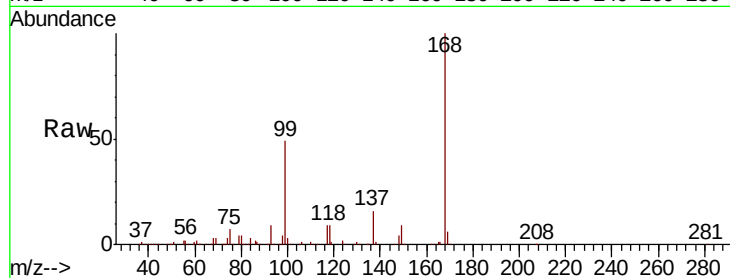
DW-11

Tgt Ion:168 Resp: 285244

Ion Ratio Lower Upper

168 100

99 49.3 39.4 59.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

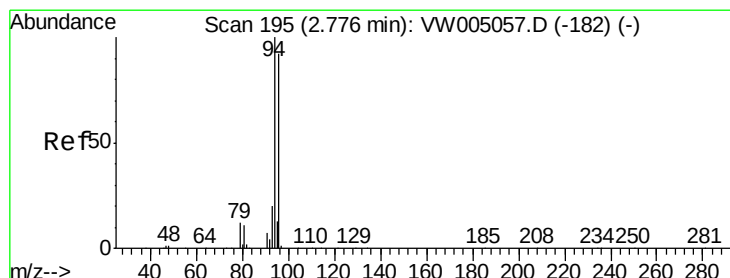
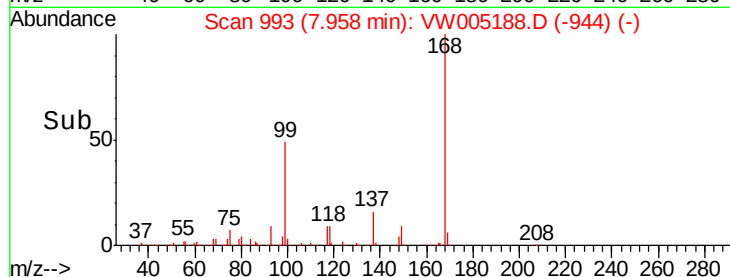
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.77 min Scan# 142

Delta R.T. -0.01 min

Lab File: VW005188.D

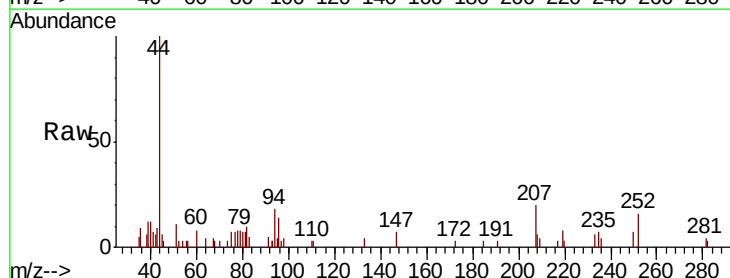
Acq: 07 Sep 2018 03:48

Tgt Ion: 94 Resp: 835

Ion Ratio Lower Upper

94 100

96 51.9 73.2 109.8#



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.77

400

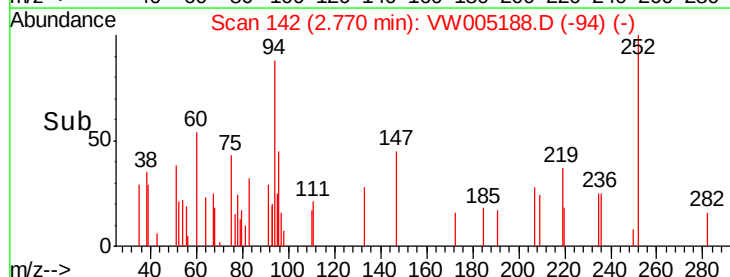
300

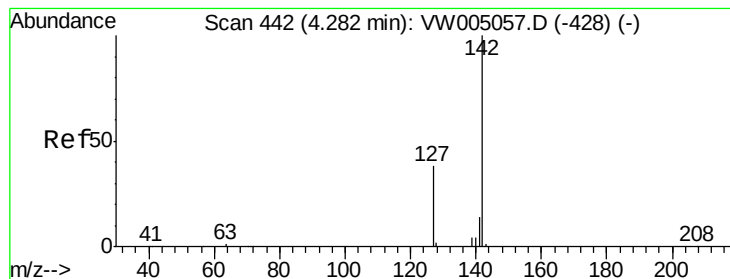
200

100

0

Time-->





#10

Methyl Iodide

Concen: 3.965 ug/l

RT: 4.29 min Scan# 391

Delta R.T. 0.01 min

Lab File: VW005188.D

Acq: 07 Sep 2018 03:48

Instrument :

MSVOA_W

ClientSampled :

DW-11

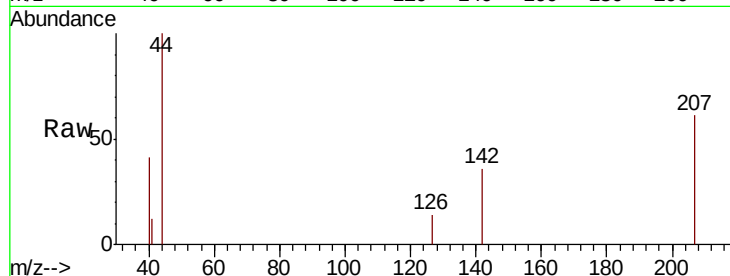
Tgt Ion:142 Resp: 594

Ion Ratio Lower Upper

142 100

127 7.9 30.8 46.2#

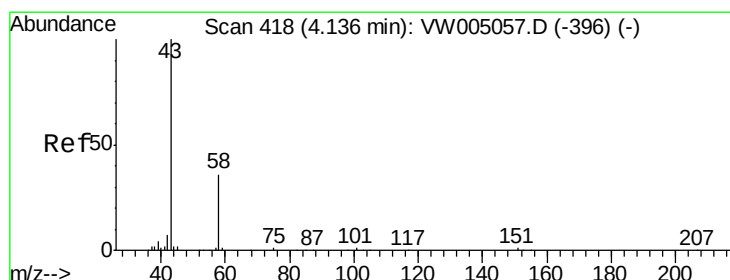
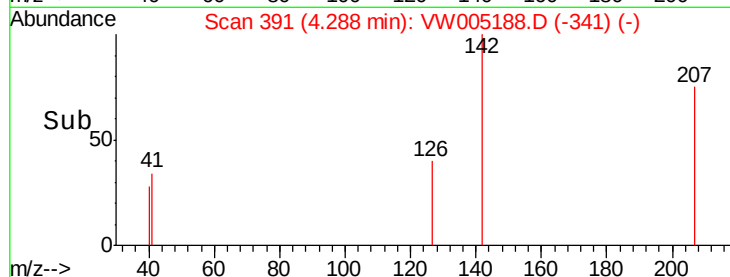
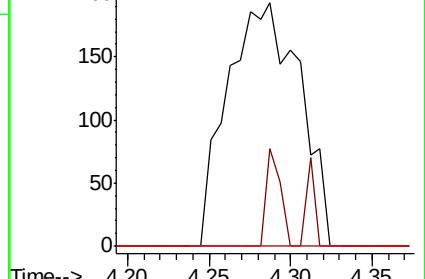
141 0.0 11.6 17.4#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



#16

Acetone

Concen: 7.716 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW005188.D

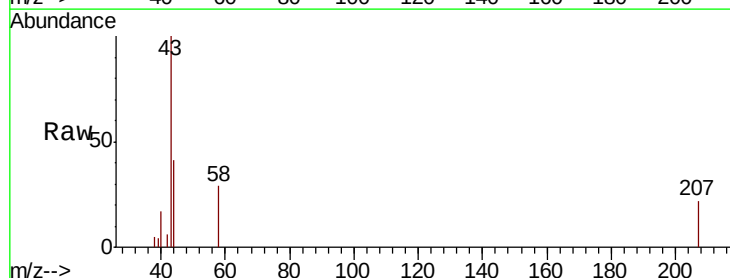
Acq: 07 Sep 2018 03:48

Tgt Ion: 43 Resp: 3659

Ion Ratio Lower Upper

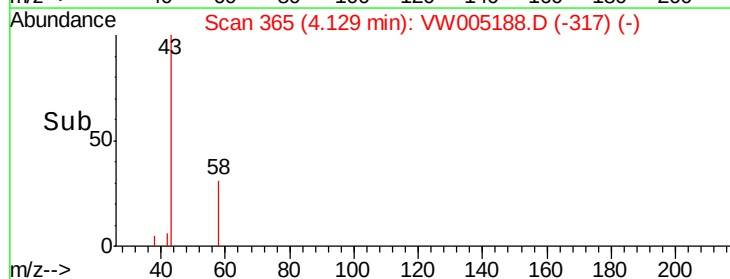
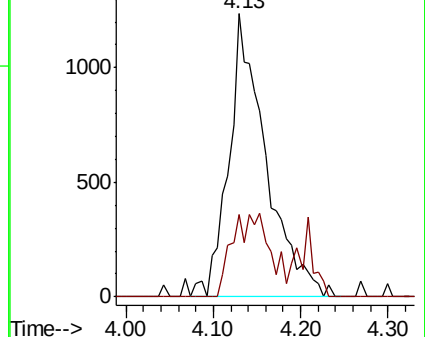
43 100

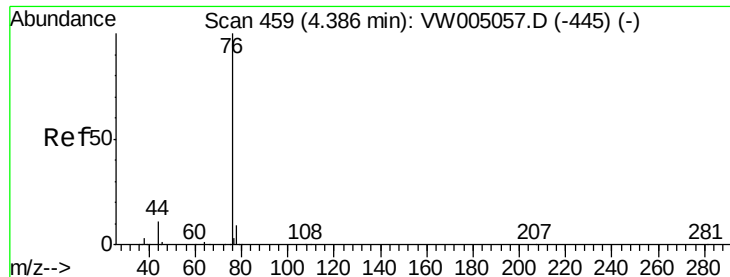
58 29.3 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 5.483 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW005188.D

Acq: 07 Sep 2018 03:48

Instrument :

MSVOA_W

ClientSampled :

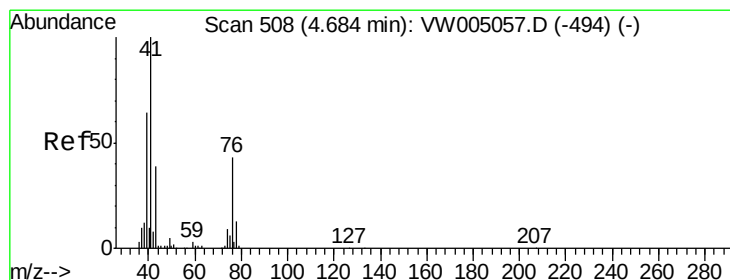
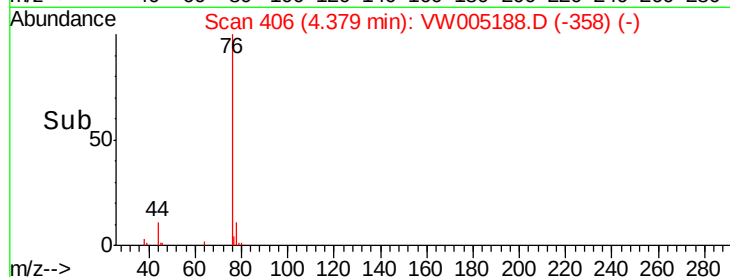
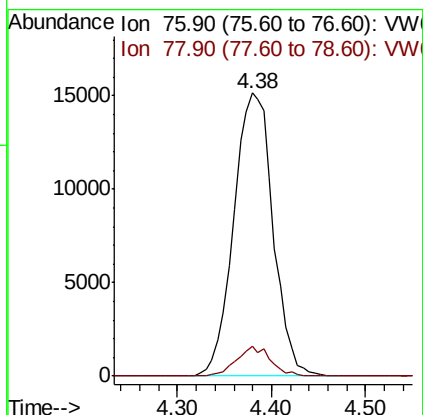
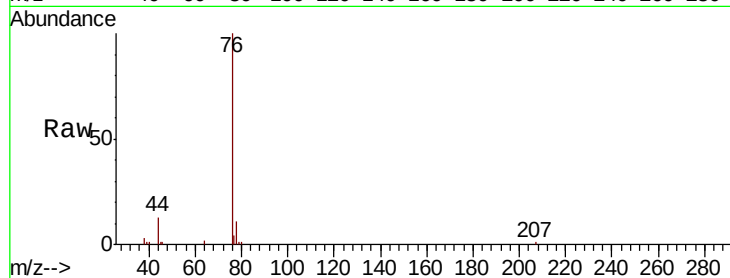
DW-11

Tgt Ion: 76 Resp: 44064

Ion Ratio Lower Upper

76 100

78 10.8 7.3 10.9



#18

Methyl Acetate

Concen: 7.585 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.01 min

Lab File: VW005188.D

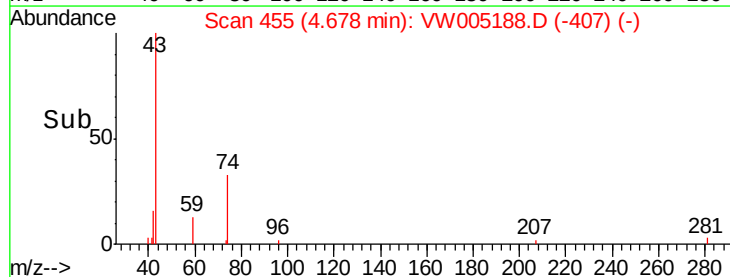
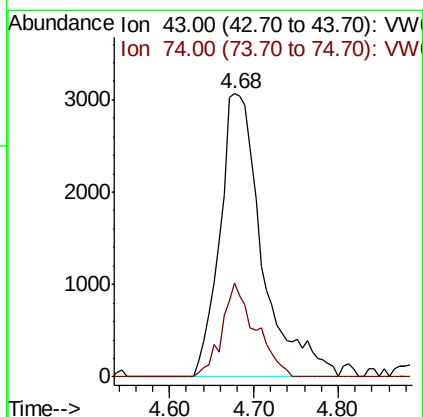
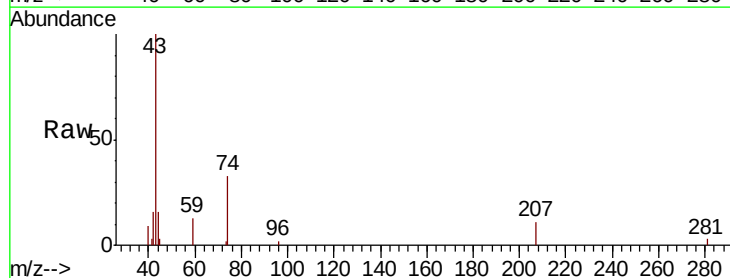
Acq: 07 Sep 2018 03:48

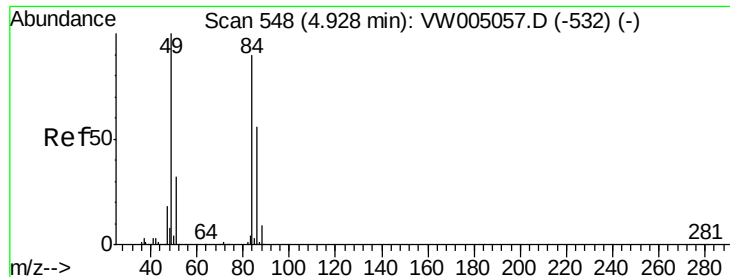
Tgt Ion: 43 Resp: 10581

Ion Ratio Lower Upper

43 100

74 26.4 20.7 31.1





#20

Methylene Chloride

Concen: 8.868 ug/l

RT: 4.92 min Scan# 495

Delta R.T. -0.01 min

Lab File: VW005188.D

Acq: 07 Sep 2018 03:48

Instrument :

MSVOA_W

ClientSampleId :

DW-11

Tgt Ion: 84 Resp: 38668

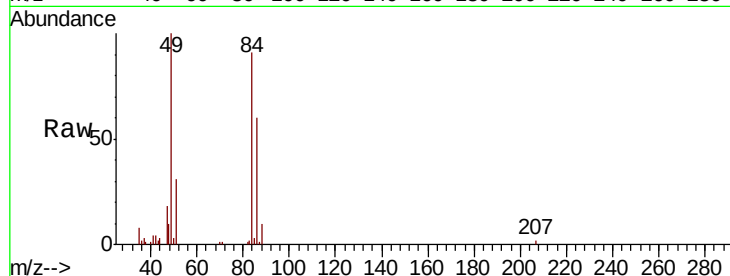
Ion Ratio Lower Upper

84 100

49 109.6 88.7 133.1

51 34.2 28.6 42.8

86 65.7 49.4 74.2

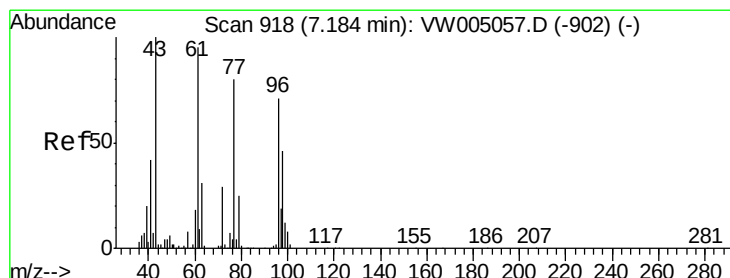
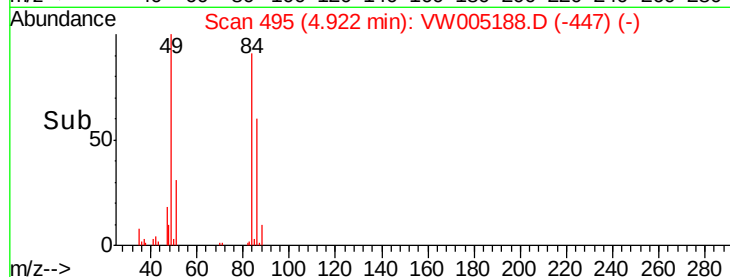
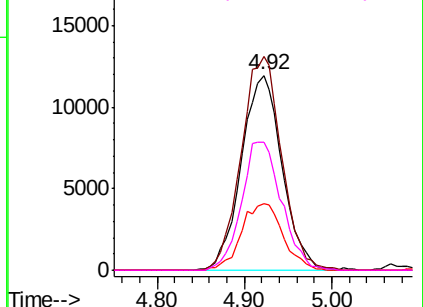


Abundance Ion 83.90 (83.60 to 84.60): VW

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: 4.647 ug/l

RT: 7.15 min Scan# 860

Delta R.T. -0.04 min

Lab File: VW005188.D

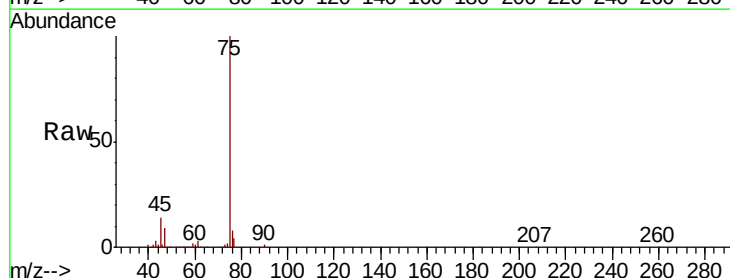
Acq: 07 Sep 2018 03:48

Tgt Ion: 43 Resp: 3822

Ion Ratio Lower Upper

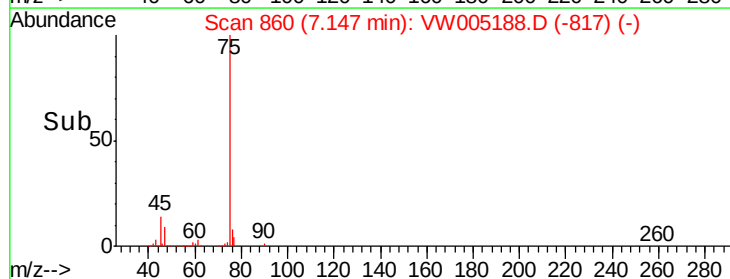
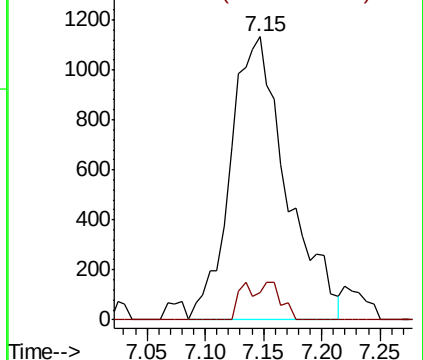
43 100

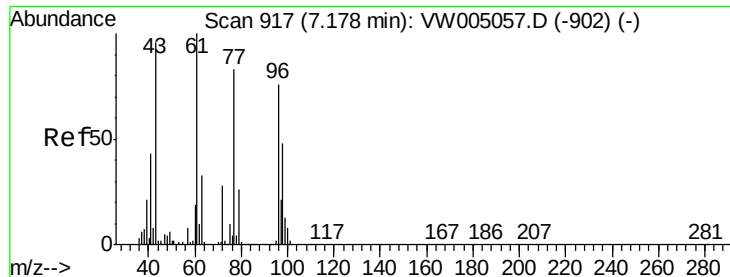
72 9.6 23.1 34.7#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

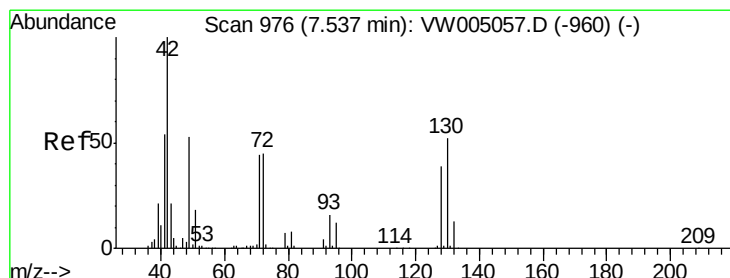
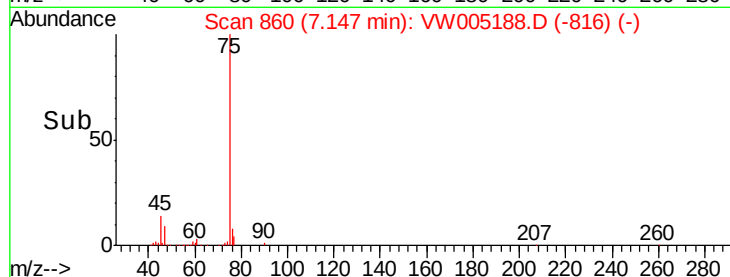
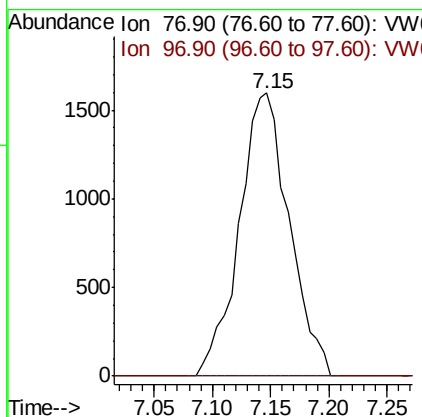
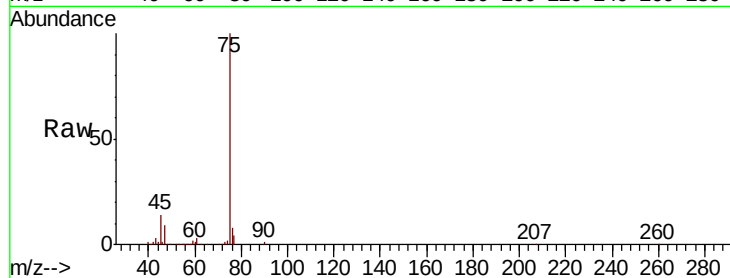




#26
 2,2-Dichloropropane
 Concen: 1.221 ug/l
 RT: 7.15 min Scan# 860
 Delta R.T. -0.03 min
 Lab File: VW005188.D
 Acq: 07 Sep 2018 03:48

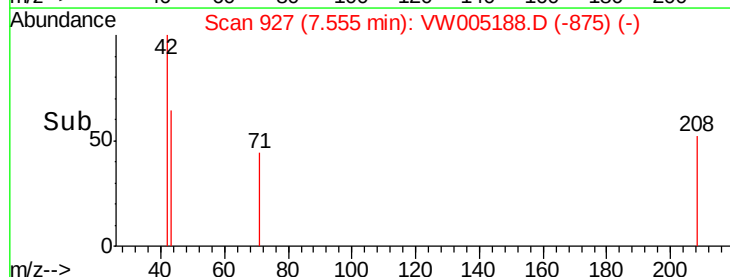
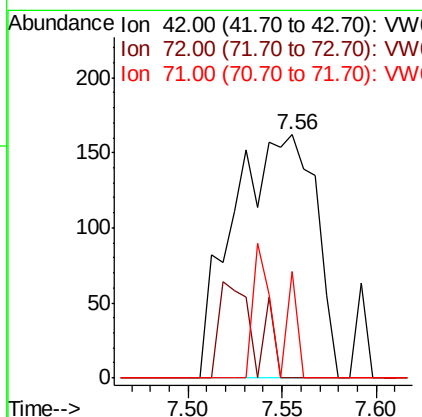
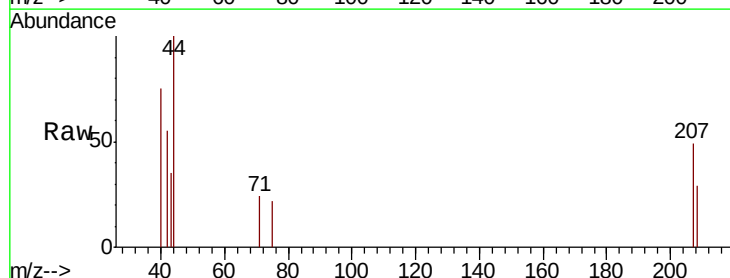
Instrument :
 MSVOA_W
 ClientSampled :
 DW-11

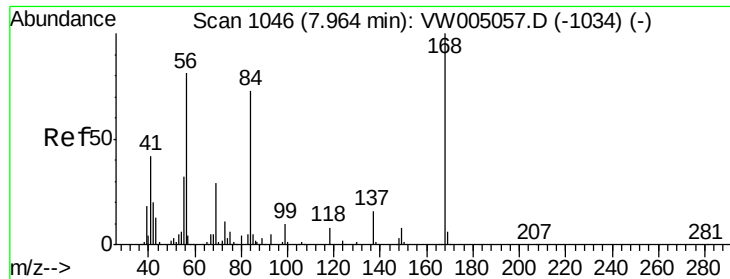
Tgt Ion: 77 Resp: 4759
 Ion Ratio Lower Upper
 77 100
 97 0.0 12.2 36.6#



#29
 Tetrahydrofuran
 Concen: 1.164 ug/l
 RT: 7.56 min Scan# 927
 Delta R.T. 0.02 min
 Lab File: VW005188.D
 Acq: 07 Sep 2018 03:48

Tgt Ion: 42 Resp: 489
 Ion Ratio Lower Upper
 42 100
 72 0.0 37.0 55.4#
 71 10.8 35.0 52.6#

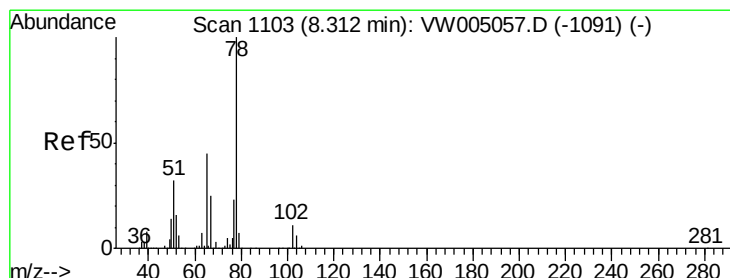
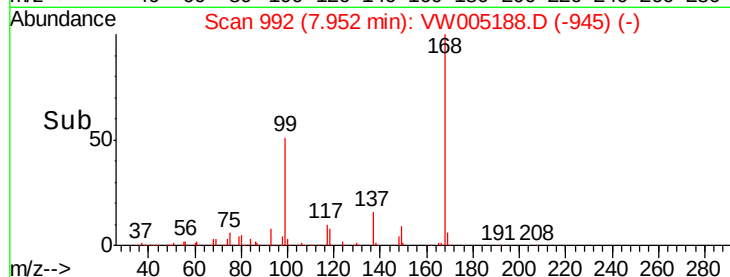
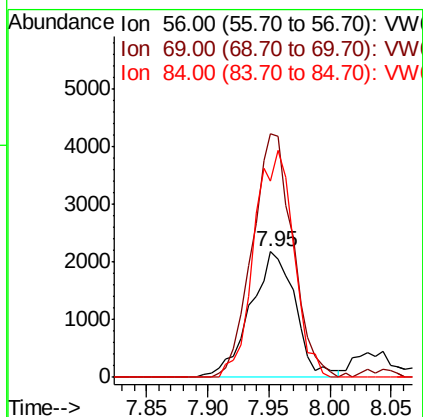
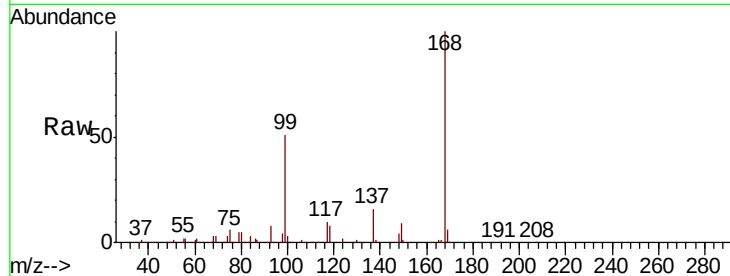




#31
Cyclohexane
Concen: 1.197 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW005188.D
Acq: 07 Sep 2018 03:48

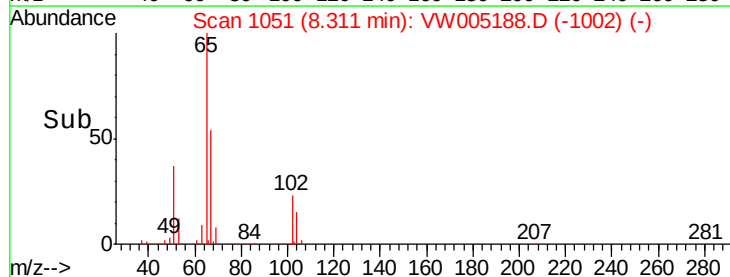
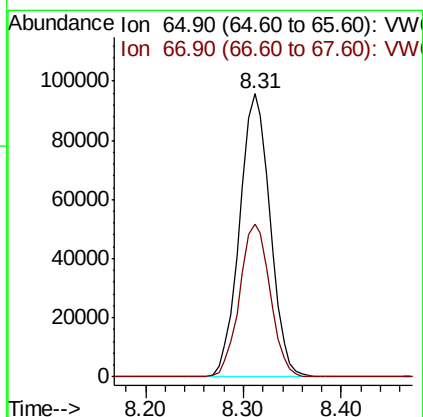
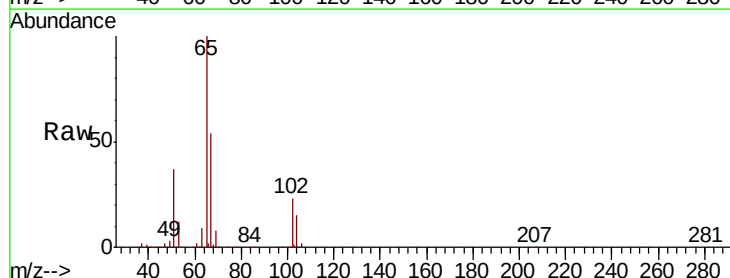
Instrument :
MSVOA_W
ClientSampleId :
DW-11

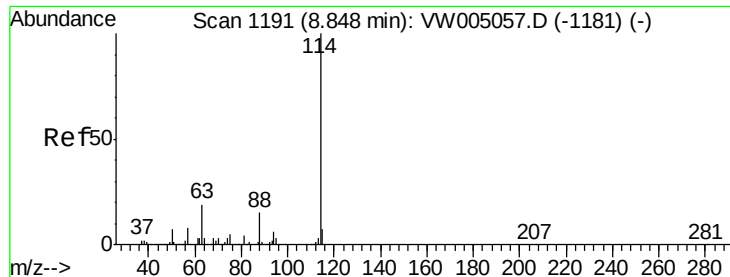
Tgt Ion: 56 Resp: 5560
Ion Ratio Lower Upper
56 100
69 194.0 28.2 42.2#
84 156.8 71.8 107.8#



#33
1,2-Dichloroethane-d4
Concen: 87.901 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VW005188.D
Acq: 07 Sep 2018 03:48

Tgt Ion: 65 Resp: 207845
Ion Ratio Lower Upper
65 100
67 54.1 0.0 109.4

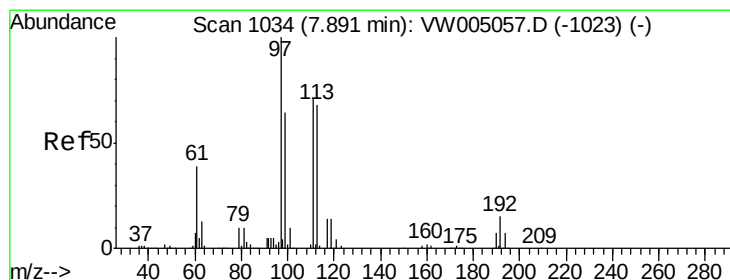
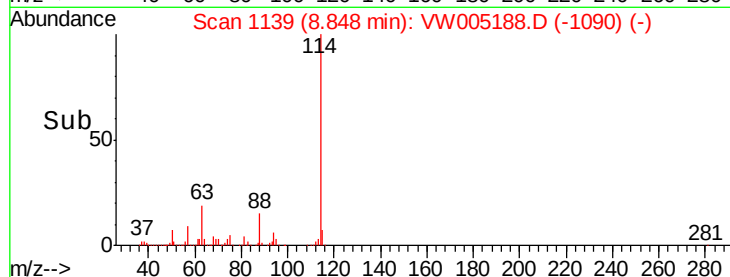
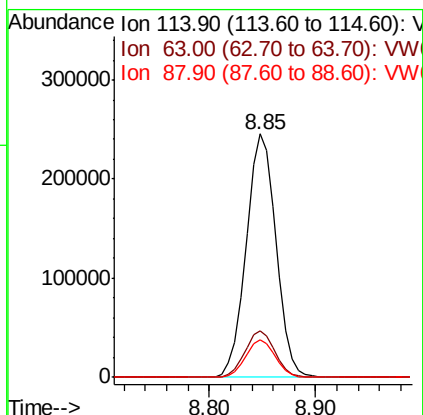
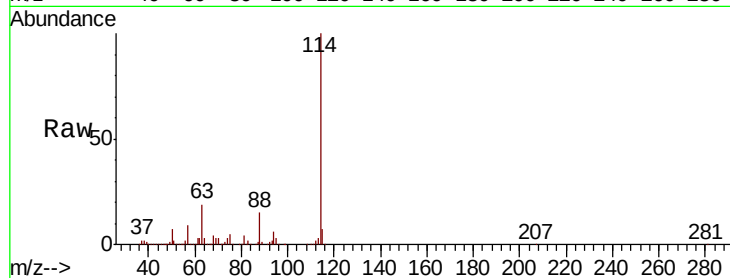




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005188.D
 Acq: 07 Sep 2018 03:48

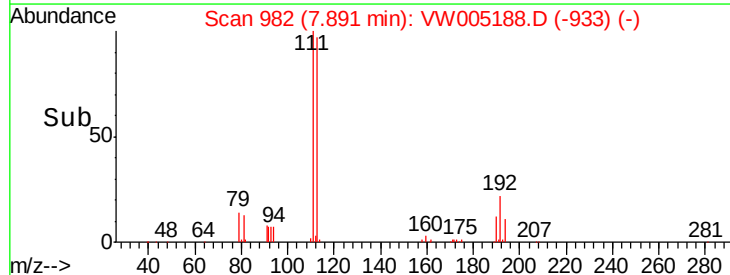
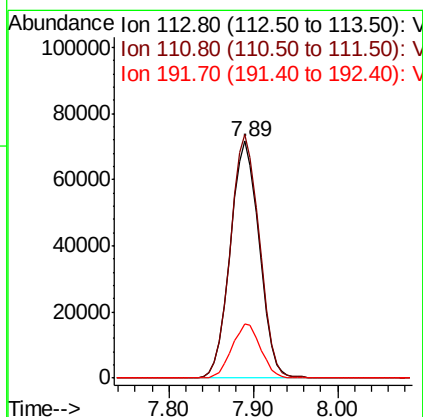
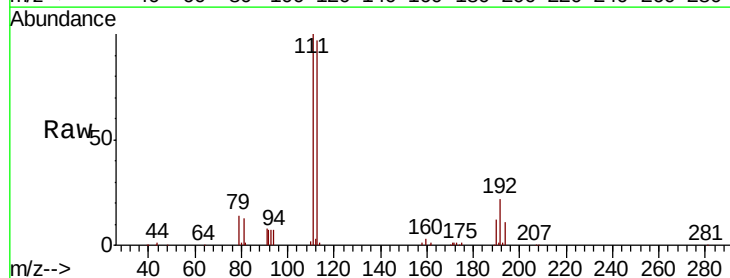
Instrument :
 MSVOA_W
 ClientSampleId :
 DW-11

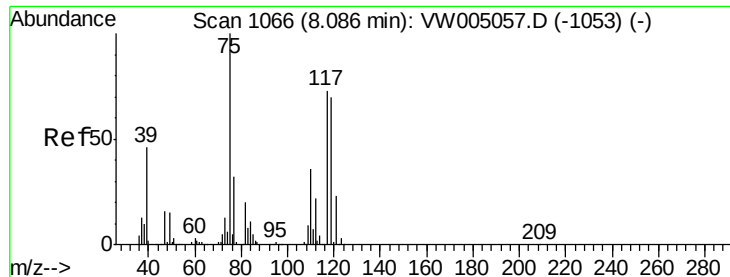
Tgt Ion:114 Resp: 482740
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 38.0
 88 15.3 0.0 30.2



#35
 Dibromofluoromethane
 Concen: 59.757 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW005188.D
 Acq: 07 Sep 2018 03:48

Tgt Ion:113 Resp: 166703
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.2 123.2
 192 22.5 18.1 27.1

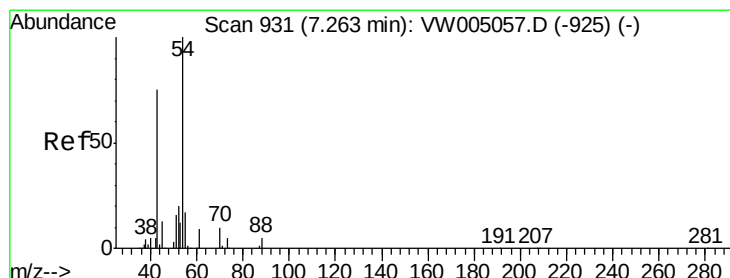
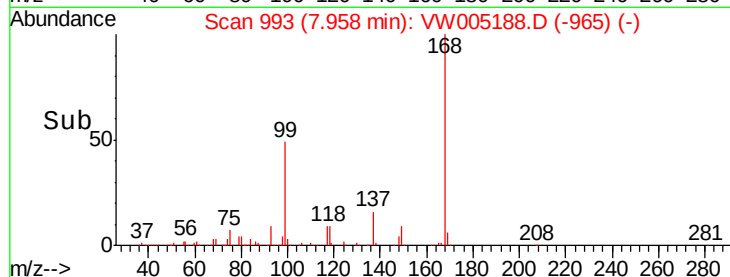
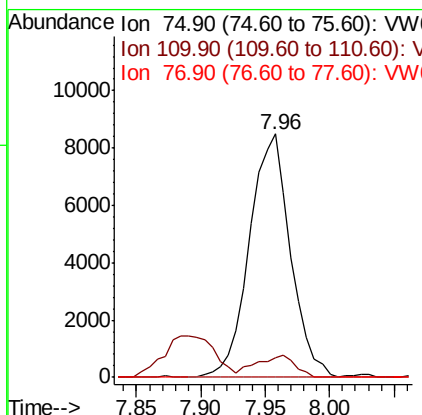
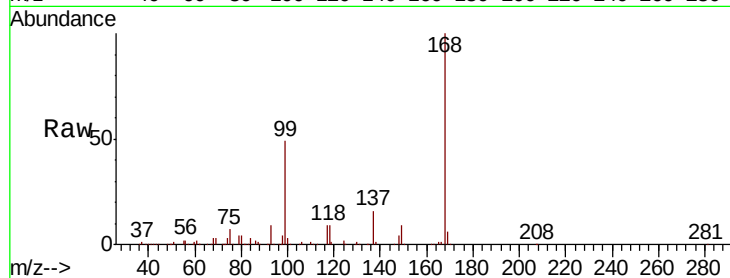




#36
 1,1-Dichloropropene
 Concen: 4.056 ug/l
 RT: 7.96 min Scan# 993
 Delta R.T. -0.13 min
 Lab File: VW005188.D
 Acq: 07 Sep 2018 03:48

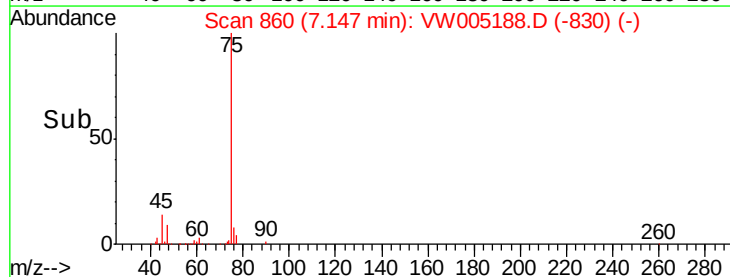
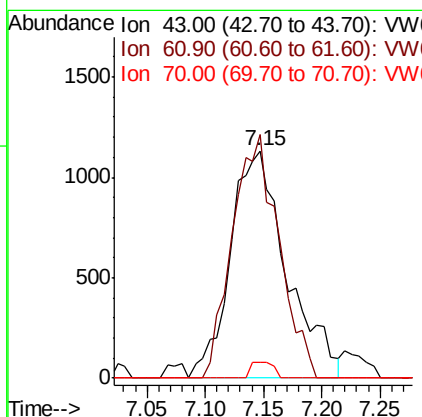
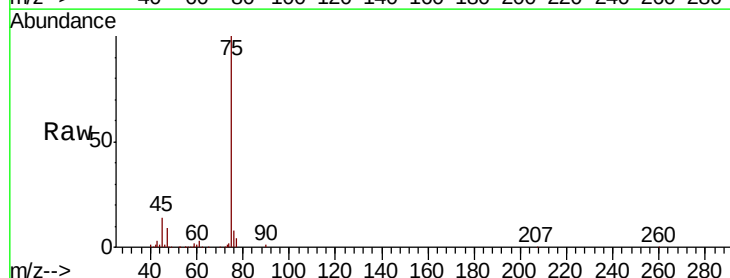
Instrument :
 MSVOA_W
 ClientSampled :
 DW-11

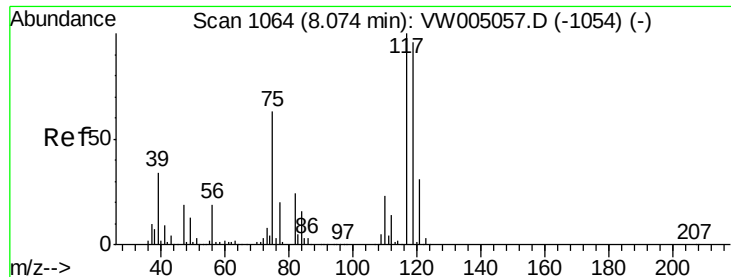
Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.7	18.9	56.7#
77	0.0	25.5	38.3#



#37
 Ethyl Acetate
 Concen: 2.223 ug/l
 RT: 7.15 min Scan# 860
 Delta R.T. -0.12 min
 Lab File: VW005188.D
 Acq: 07 Sep 2018 03:48

Tgt Ion	Ratio	Lower	Upper
43	100		
61	88.0	12.1	18.1#
70	2.8	9.4	14.2#





#38

Carbon Tetrachloride

Concen: 5.894 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW005188.D

Acq: 07 Sep 2018 03:48

Instrument :

MSVOA_W

ClientSampleId :

DW-11

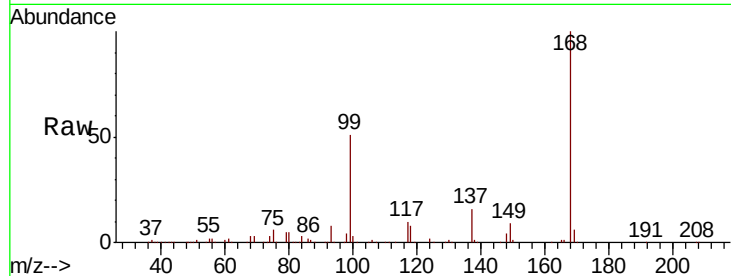
Tgt Ion:117 Resp: 25765

Ion Ratio Lower Upper

117 100

119 4.9 76.6 115.0#

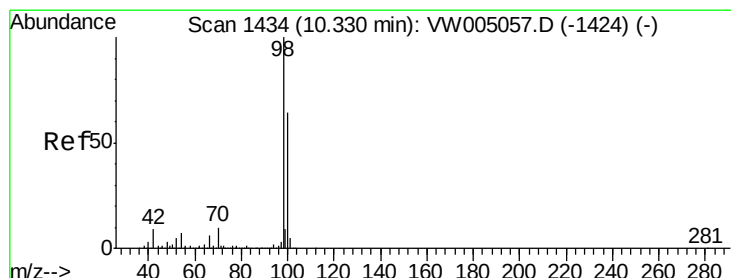
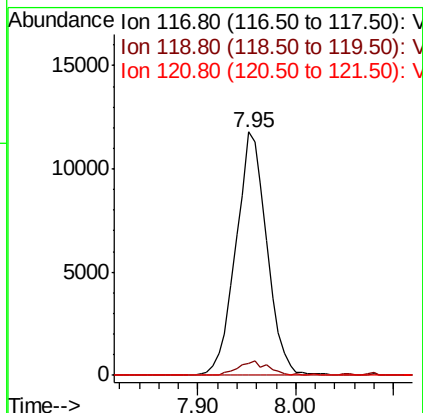
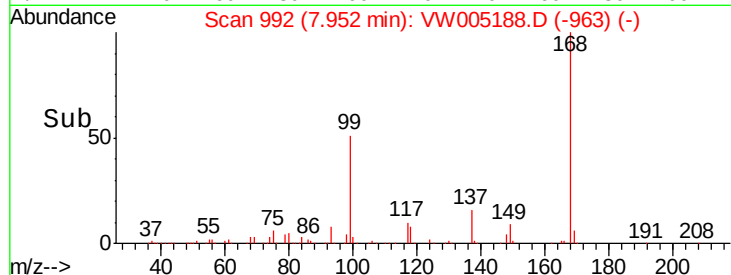
121 0.0 24.8 37.2#



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: 14.436 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005188.D

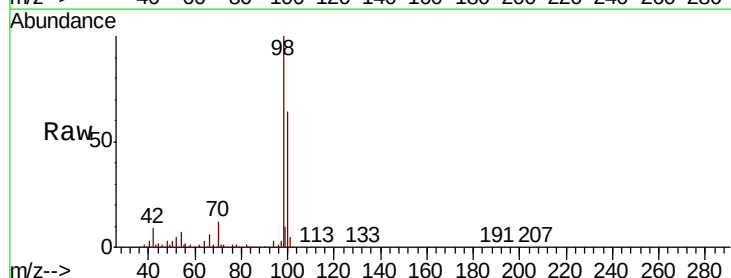
Acq: 07 Sep 2018 03:48

Tgt Ion: 98 Resp: 185571

Ion Ratio Lower Upper

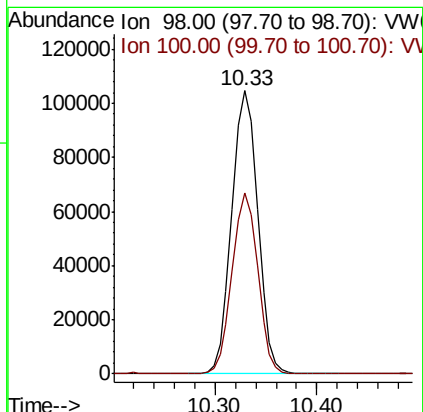
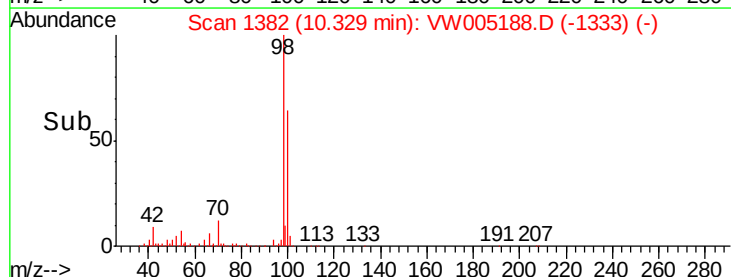
98 100

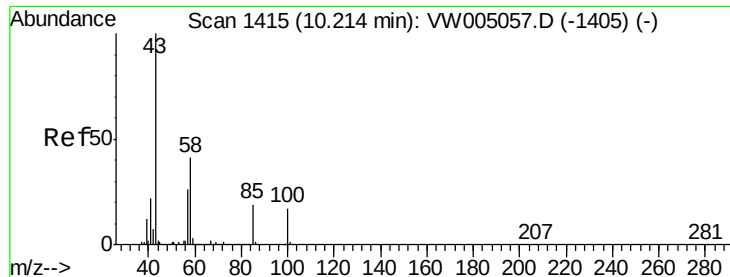
100 63.0 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

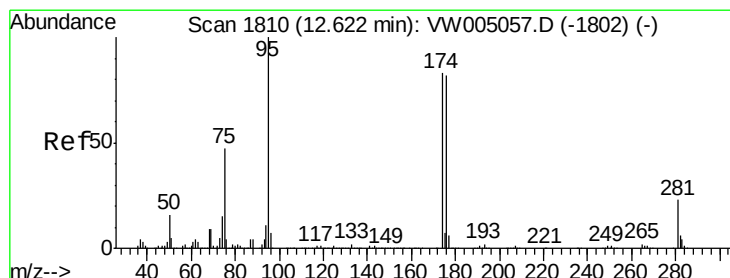
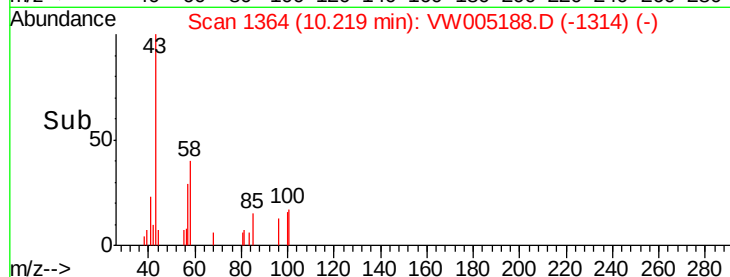
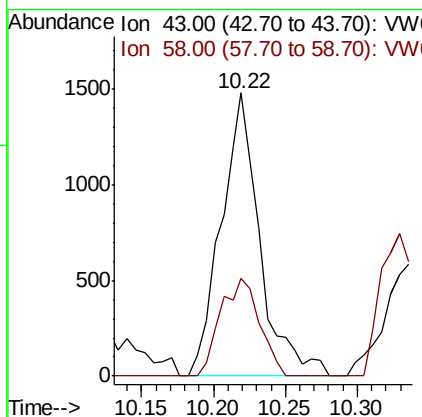
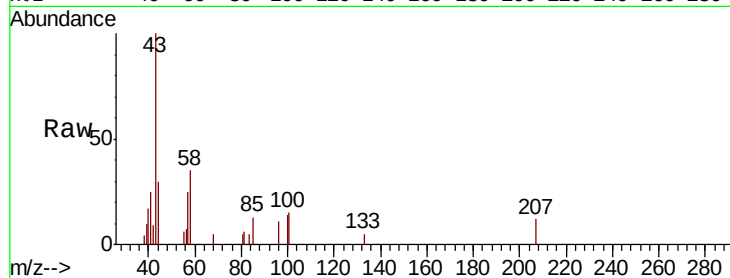




#51
 4-Methyl-2-Pentanone
 Concen: 1.327 ug/l
 RT: 10.22 min Scan# 1364
 Delta R.T. 0.01 min
 Lab File: VW005188.D
 Acq: 07 Sep 2018 03:48

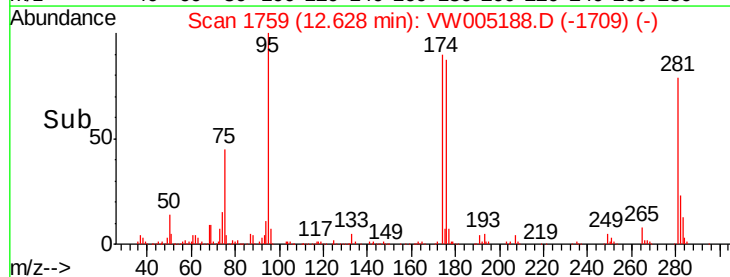
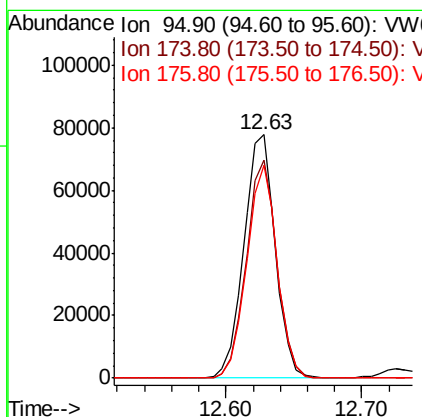
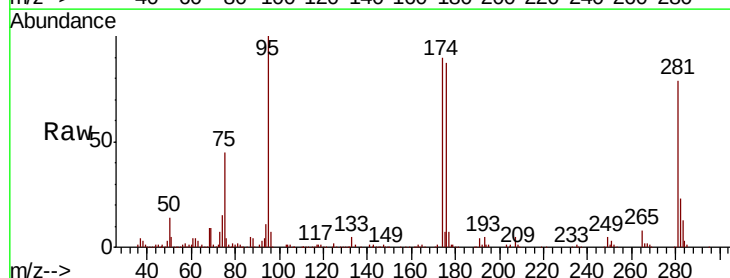
Instrument :
 MSVOA_W
 ClientSampleId :
 DW-11

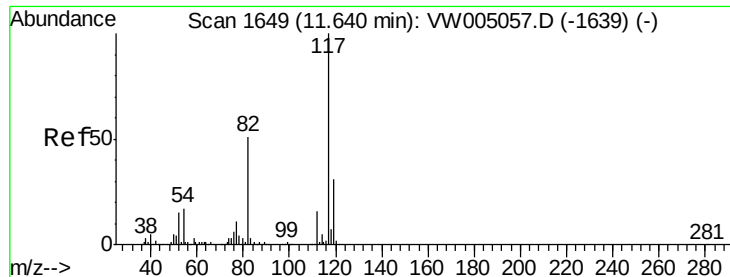
Tgt Ion: 43 Resp: 2783
 Ion Ratio Lower Upper
 43 100
 58 34.7 33.3 49.9



#62
 4-Bromofluorobenzene
 Concen: 27.677 ug/l
 RT: 12.63 min Scan# 1759
 Delta R.T. 0.01 min
 Lab File: VW005188.D
 Acq: 07 Sep 2018 03:48

Tgt Ion: 95 Resp: 125450
 Ion Ratio Lower Upper
 95 100
 174 87.8 0.0 173.4
 176 84.9 0.0 167.4

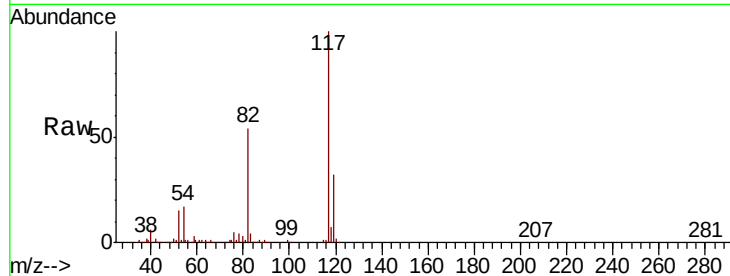




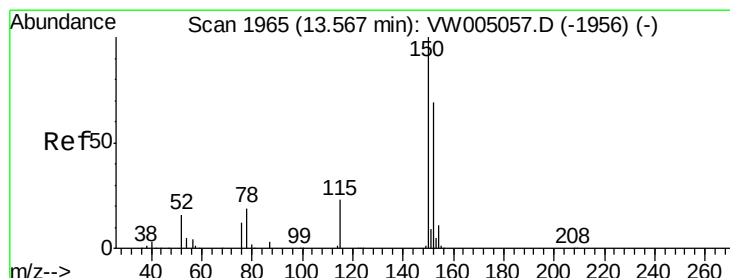
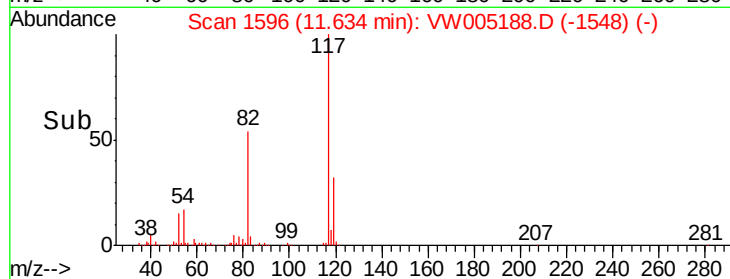
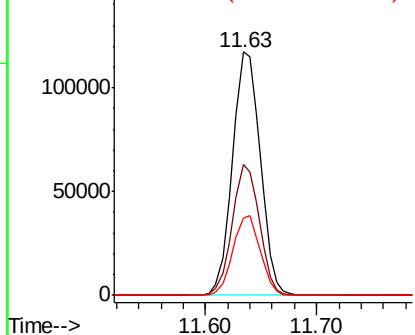
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.01 min
Lab File: VW005188.D
Acq: 07 Sep 2018 03:48

Instrument :
MSVOA_W
ClientSampleId :
DW-11

Tgt Ion:117 Resp: 203510
Ion Ratio Lower Upper
117 100
82 53.7 40.9 61.3
119 31.9 24.9 37.3

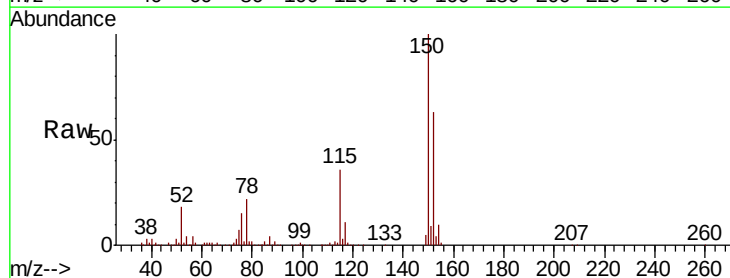


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

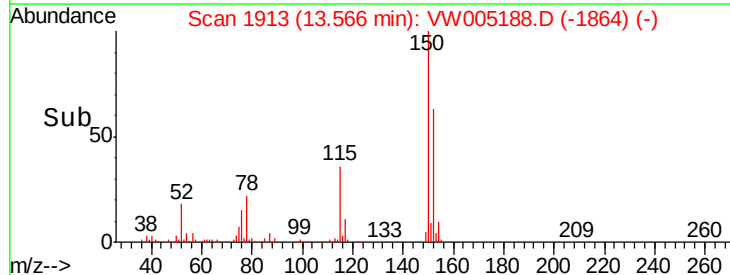
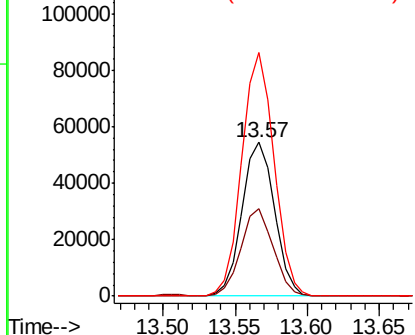


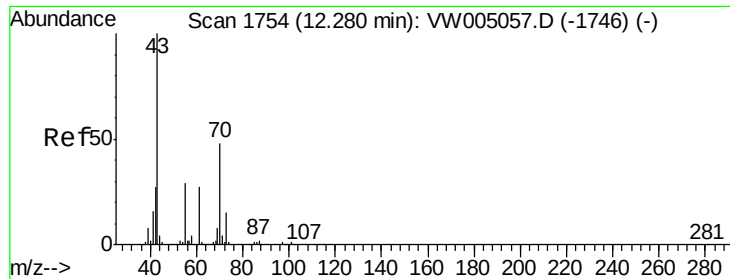
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005188.D
Acq: 07 Sep 2018 03:48

Tgt Ion:152 Resp: 85365
Ion Ratio Lower Upper
152 100
115 56.4 27.8 83.4
150 156.9 0.0 351.4



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





#74

N-amyI acetate

Concen: 1.093 ug/l

RT: 12.26 min Scan# 1698

Delta R.T. -0.02 min

Lab File: VW005188.D

Acq: 07 Sep 2018 03:48

Instrument :

MSVOA_W

ClientSampled :

DW-11

Tgt Ion: 43 Resp: 1133

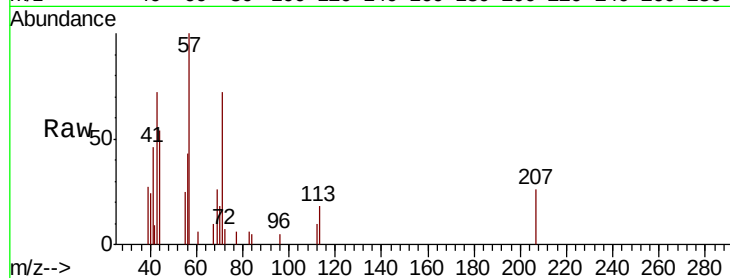
Ion Ratio Lower Upper

43 100

70 32.3 38.2 57.4#

55 64.7 23.2 34.8#

61 2.0 20.6 31.0#

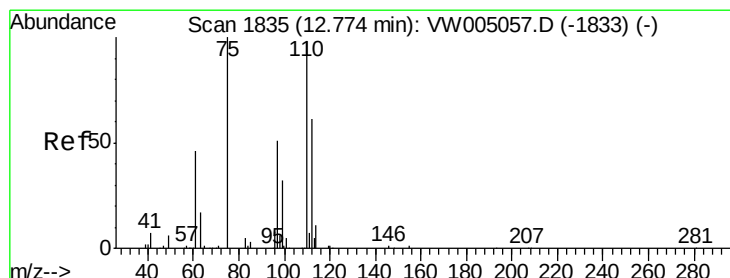
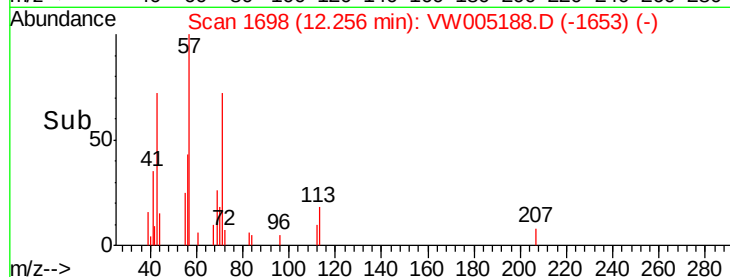
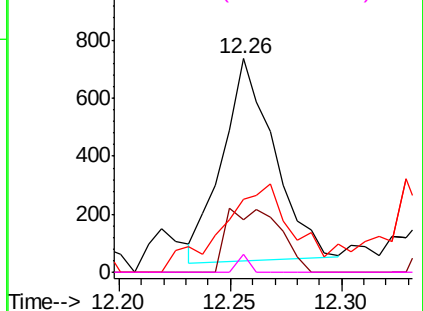


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW



#76

1,2,3-Trichloropropane

Concen: 91.181 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW005188.D

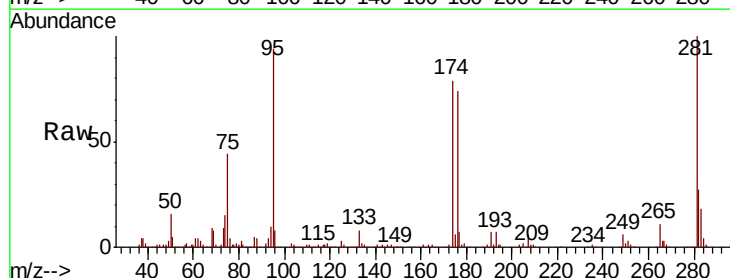
Acq: 07 Sep 2018 03:48

Tgt Ion: 75 Resp: 58426

Ion Ratio Lower Upper

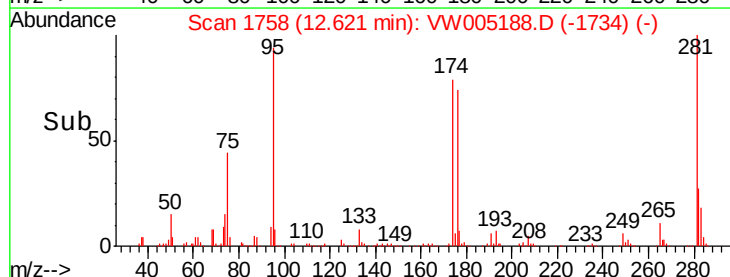
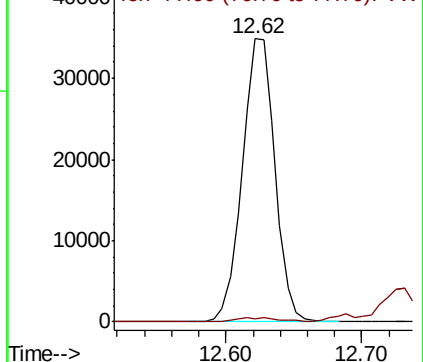
75 100

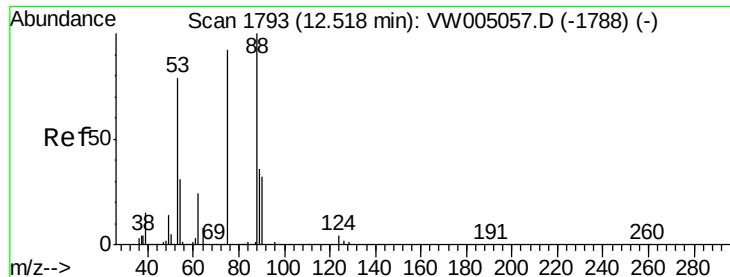
77 2.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

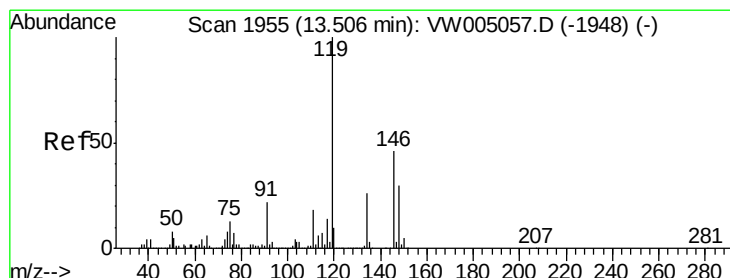
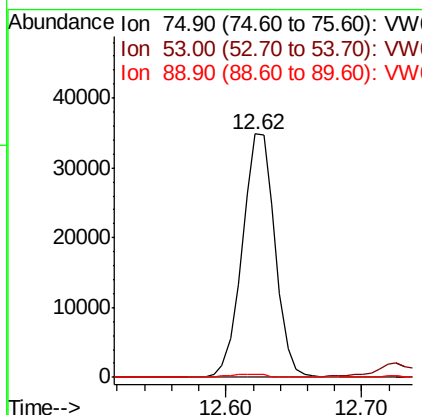
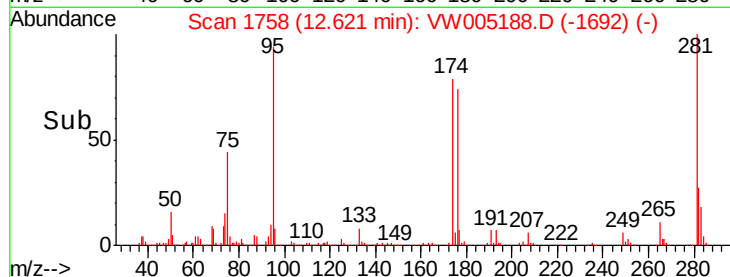
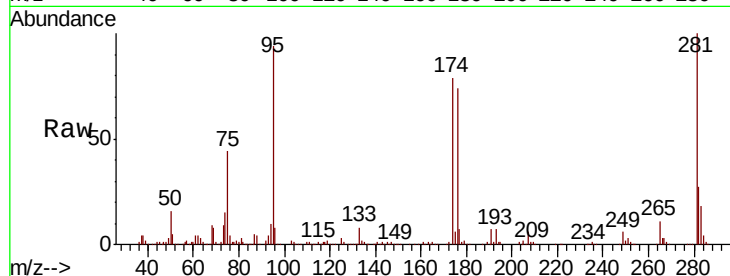




#81
trans-1,4-Dichloro-2-butene
Concen: 219.463 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.10 min
Lab File: VW005188.D
Acq: 07 Sep 2018 03:48

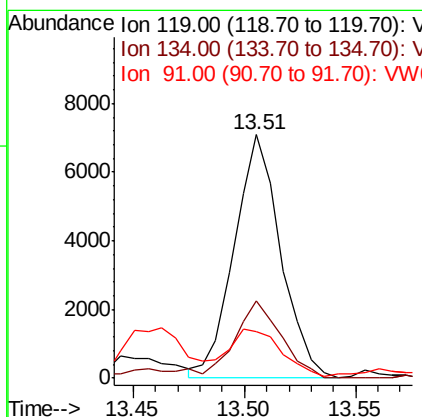
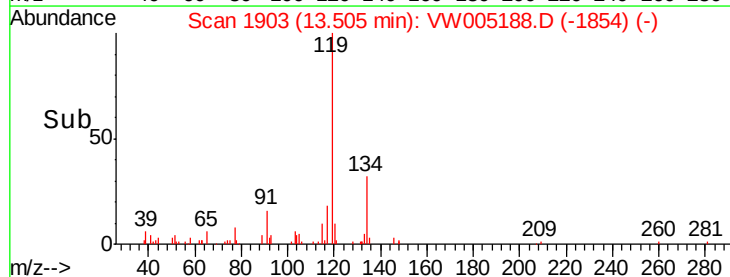
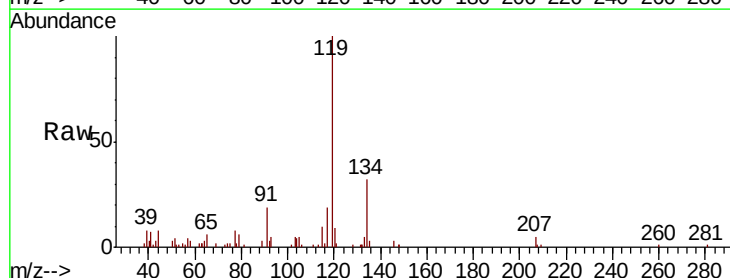
Instrument :
MSVOA_W
ClientSampleId :
DW-11

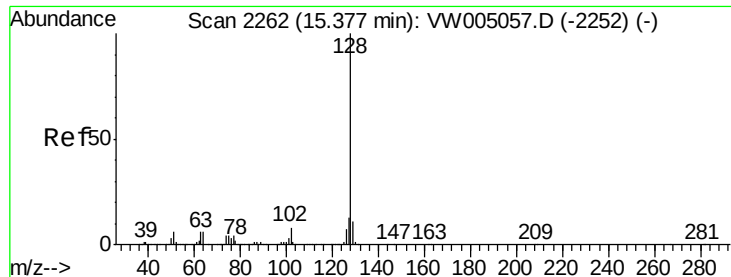
Tgt Ion: 75 Resp: 58426
Ion Ratio Lower Upper
75 100
53 0.3 69.8 104.8#
89 1.2 36.0 54.0#



#86
p-Isopropyltoluene
Concen: 1.822 ug/l
RT: 13.51 min Scan# 1903
Delta R.T. -0.00 min
Lab File: VW005188.D
Acq: 07 Sep 2018 03:48

Tgt Ion: 119 Resp: 10302
Ion Ratio Lower Upper
119 100
134 32.4 13.3 39.8
91 23.8 10.9 32.9

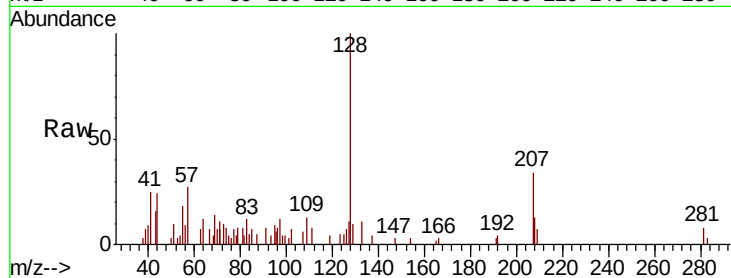




#95
Naphthalene
Concen: 5.255 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW005188.D
Acq: 07 Sep 2018 03:48

Instrument :
MSVOA_W
ClientSampleId :
DW-11

Tgt Ion	Ratio	Lower	Upper
128	100		
127	14.6	10.4	15.6
129	10.4	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

