

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112018\
 Data File : VW006965.D
 Acq On : 20 Nov 2018 01:14
 Operator : SY/AP
 Sample : J5977-13
 Misc : 5.04G/5ML/MSVOA W/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DUP-01

Quant Time: Nov 20 04:39:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W111718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 17 04:45:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	99098	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	152479	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	132885	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	57633	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	47467	42.98	ug/l	0.00
Spiked Amount			Recovery	=	85.96%	
35) Dibromofluoromethane	7.89	113	43907	49.18	ug/l	0.00
Spiked Amount			Recovery	=	98.36%	
50) Toluene-d8	10.32	98	175517	45.75	ug/l	0.00
Spiked Amount			Recovery	=	91.50%	
62) 4-Bromofluorobenzene	12.62	95	61390	41.03	ug/l	0.00
Spiked Amount			Recovery	=	82.06%	

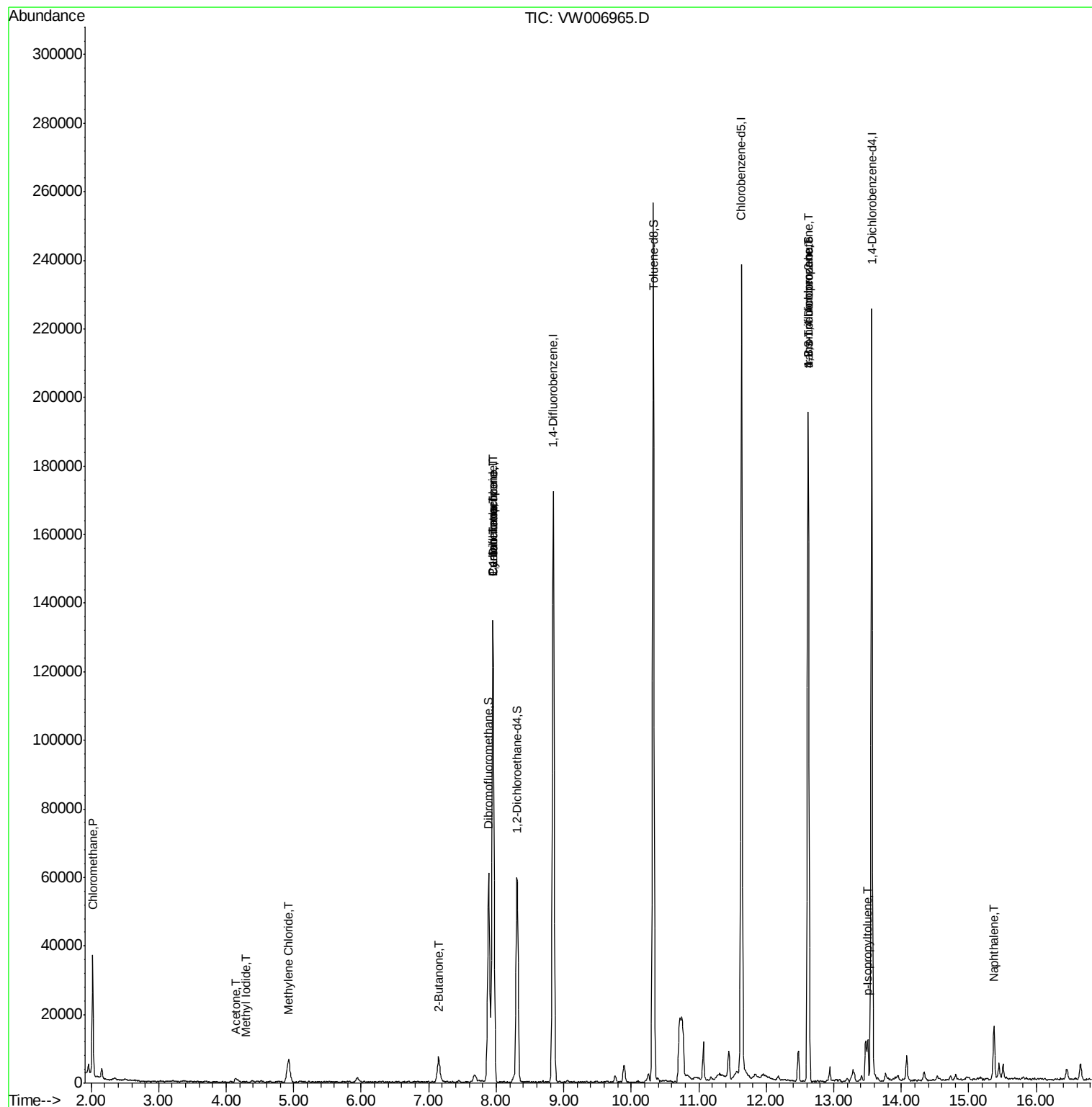
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.02	50	1896	2.220	ug/l #	81
10) Methyl Iodide	4.29	142	41	3.454	ug/l #	41
16) Acetone	4.15	43	2235	13.231	ug/l	95
20) Methylene Chloride	4.93	84	5258	1.228	ug/l	88
25) 2-Butanone	7.15	43	415	1.479	ug/l #	47
31) Cyclohexane	7.95	56	2066	1.092	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	7415	5.105	ug/l #	50
38) Carbon Tetrachloride	7.95	117	10245	7.176	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	30494	65.840	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	30494	149.876	ug/l #	10
86) p-Isopropyltoluene	13.51	119	6466	1.554	ug/l	89
95) Naphthalene	15.37	128	14170	6.608	ug/l	97

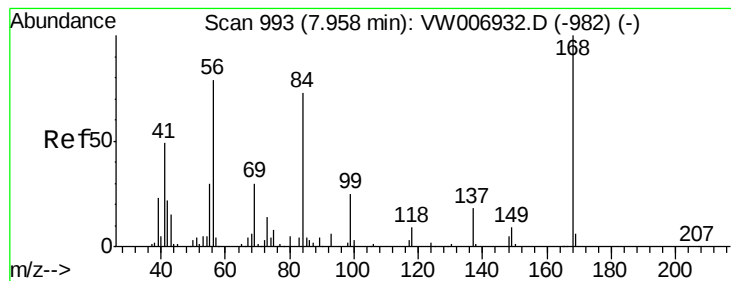
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW112018\
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Quant Title : SW846 8260
QLast Update : Sat Nov 17 04:45:18 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006965.D

Acq: 20 Nov 2018 01:14

Instrument :

MSVOA_W

ClientSampled :

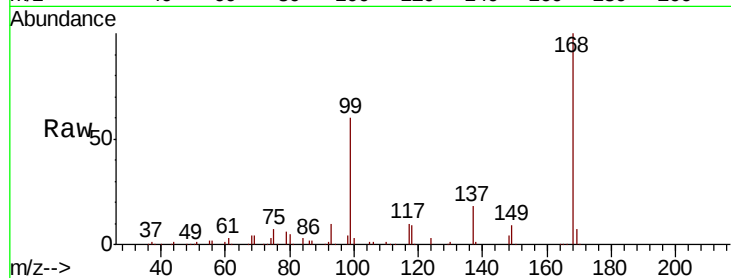
DUP-01

Tot Ion:168 Resp: 99098

Ion Ratio Lower Upper

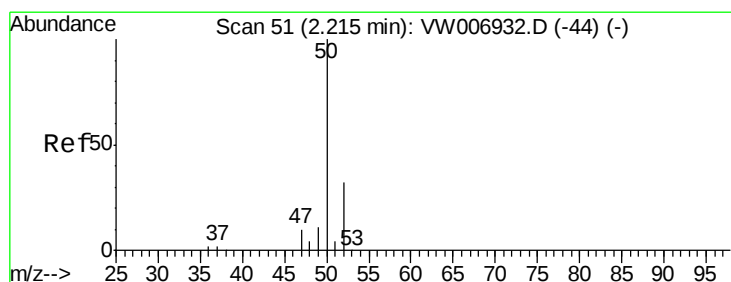
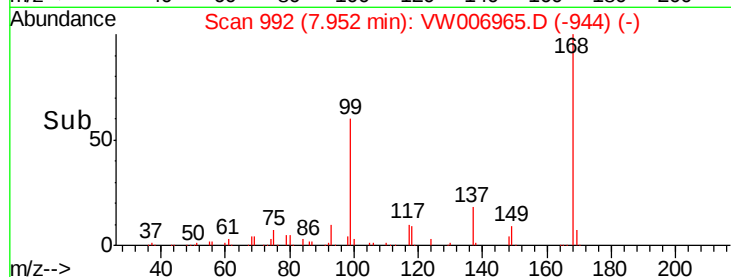
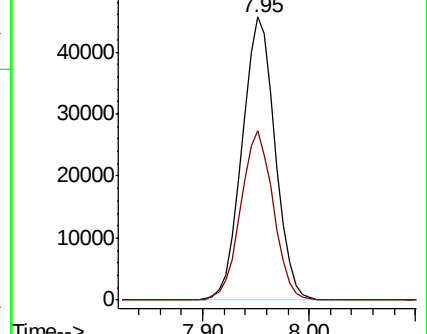
168 100

99 60.0 49.3 73.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#3

Chloromethane

Concen: 2.220 ug/l

RT: 2.02 min Scan# 19

Delta R.T. -0.20 min

Lab File: VW006965.D

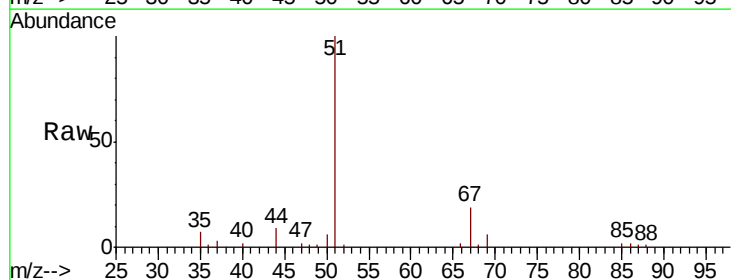
Acq: 20 Nov 2018 01:14

Tgt Ion: 50 Resp: 1896

Ion Ratio Lower Upper

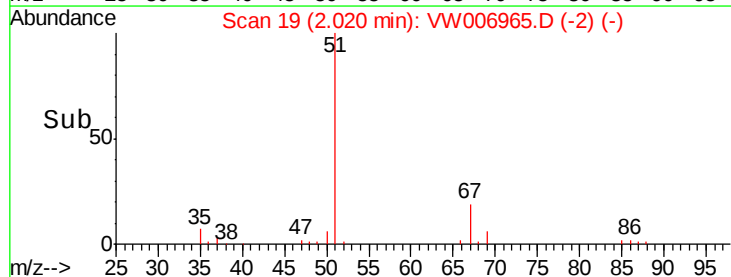
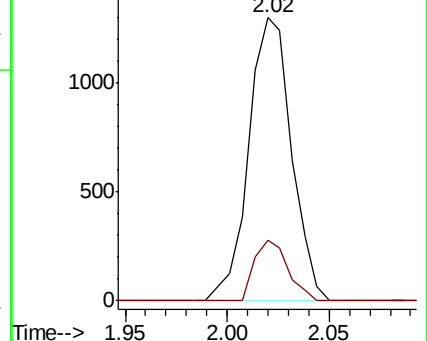
50 100

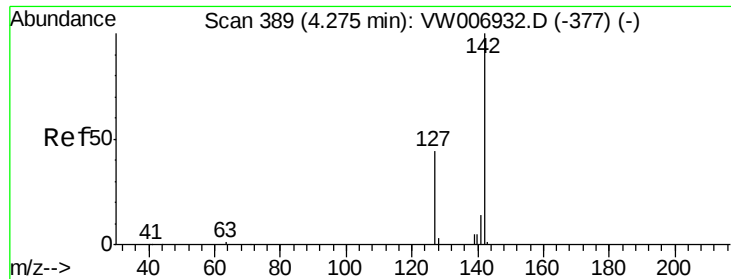
52 21.5 25.4 38.2#



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW

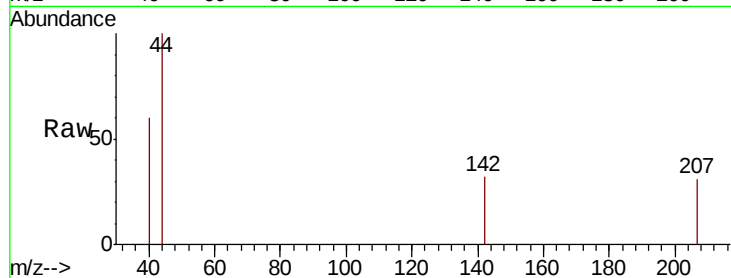




#10
Methvl Iodide
Concen: 3.454 ug/l
RT: 4.29 min Scan# 391
Delta R.T. 0.01 min
Lab File: VW006965.D
Acq: 20 Nov 2018 01:14

Instrument :
MSVOA_W
ClientSampleId :
DUP-01

Tot Ion	Ratio	Lower	Upper
142	100		
127	0.0	34.4	51.6#
141	0.0	11.5	17.3#

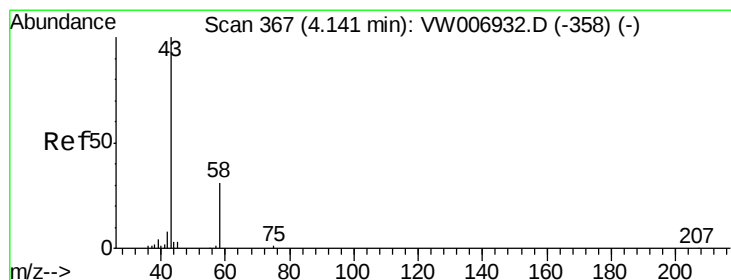
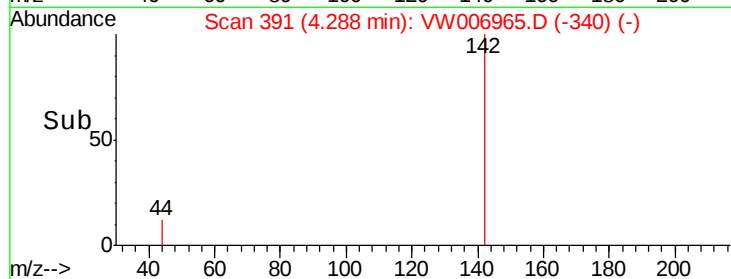
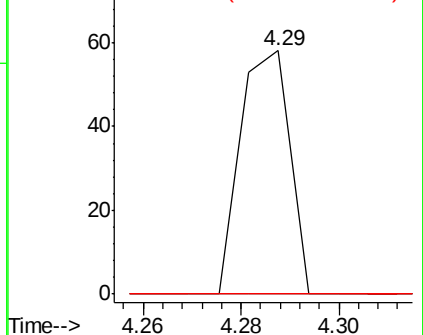


Abundance

Ion 141.80 (141.50 to 142.50): V

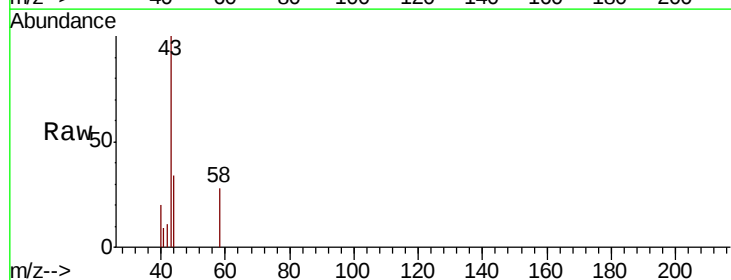
Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



#16
Acetone
Concen: 13.231 ug/l
RT: 4.15 min Scan# 368
Delta R.T. 0.01 min
Lab File: VW006965.D
Acq: 20 Nov 2018 01:14

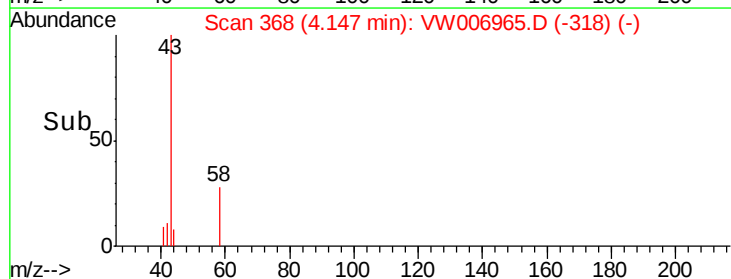
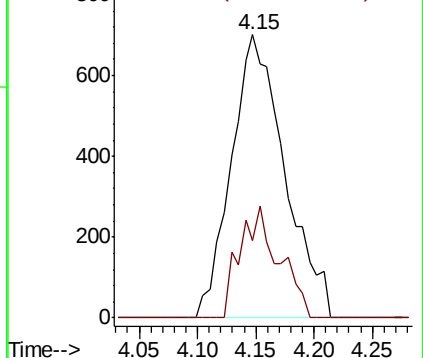
Tgt Ion	Ratio	Lower	Upper
43	100		
58	27.5	24.2	36.4

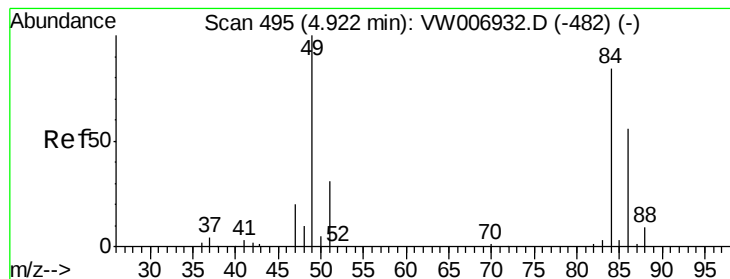


Abundance

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#20

Methvlene Chloride

Concen: 1.228 ug/l

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW006965.D

Acq: 20 Nov 2018 01:14

Instrument :

MSVOA_W

ClientSampleId :

DUP-01

Tot Ion: 84 Resp: 5258

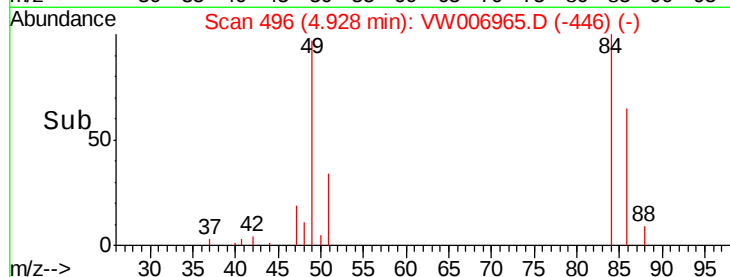
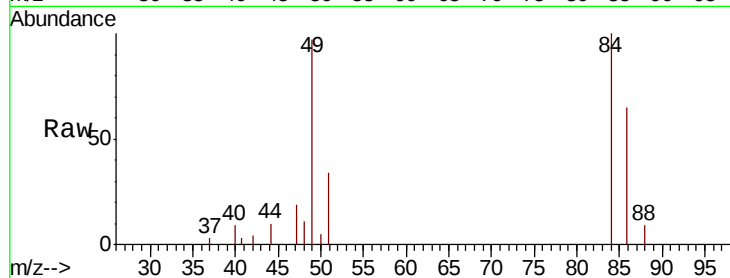
Ion Ratio Lower Upper

84 100

49 97.1 95.4 143.2

51 34.4 29.5 44.3

86 65.4 53.4 80.2

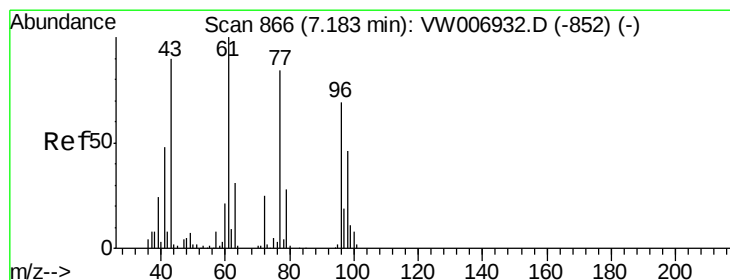
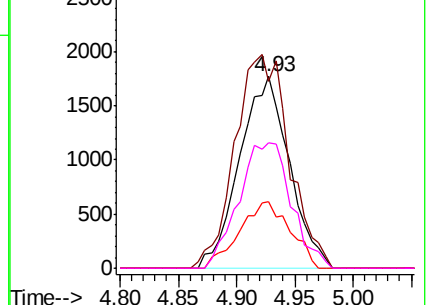


Abundance Ion 83.90 (83.60 to 84.60): VW

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: 1.479 ug/l

RT: 7.15 min Scan# 861

Delta R.T. -0.03 min

Lab File: VW006965.D

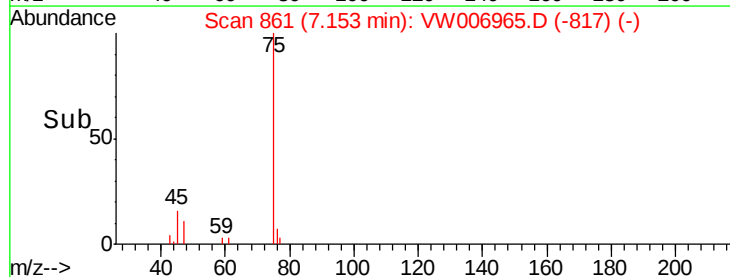
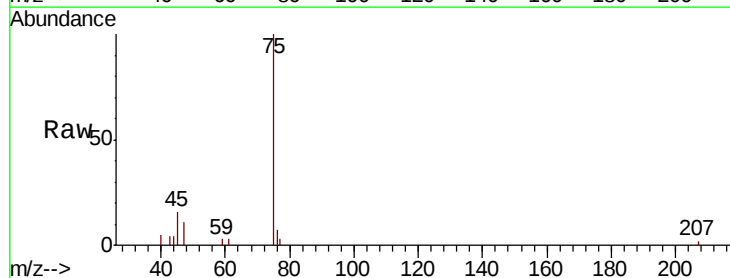
Acq: 20 Nov 2018 01:14

Tgt Ion: 43 Resp: 415

Ion Ratio Lower Upper

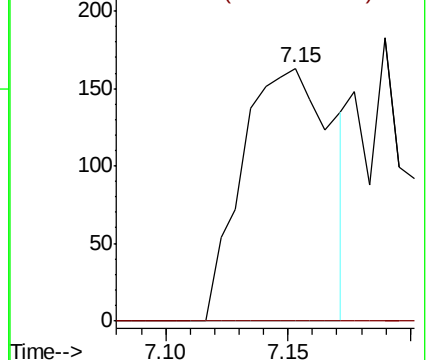
43 100

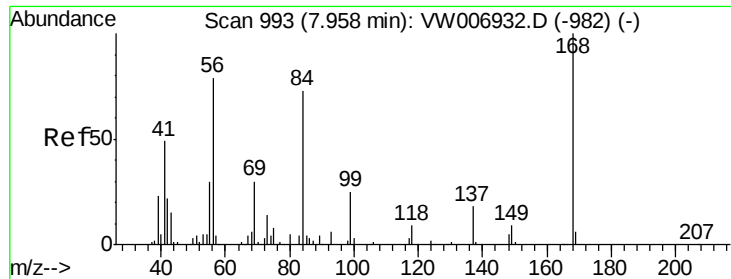
72 0.0 22.1 33.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

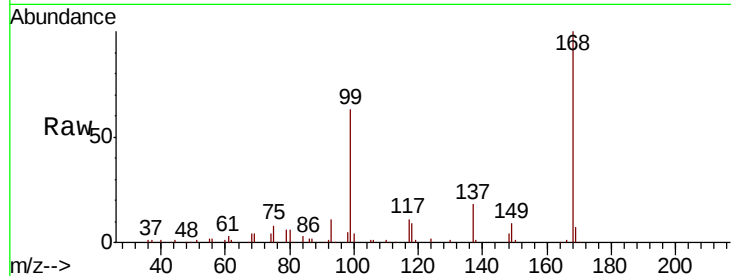




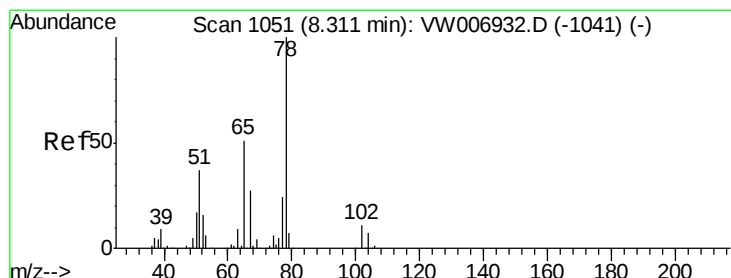
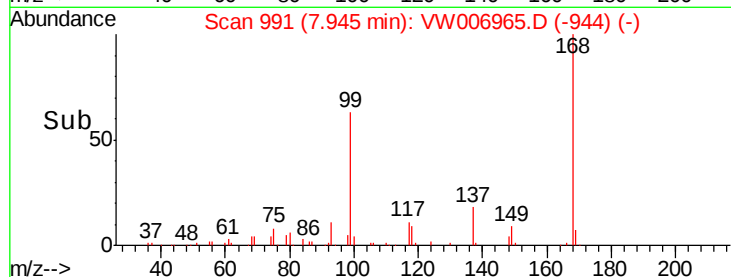
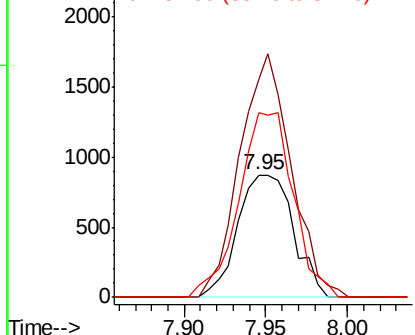
#31
Cyclohexane
Concen: 1.092 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW006965.D
Acq: 20 Nov 2018 01:14

Instrument :
MSVOA_W
ClientSampled :
DUP-01

Tot Ion: 56 Resp: 2066
Ion Ratio Lower Upper
56 100
69 178.1 30.2 45.2#
84 150.9 73.6 110.4#

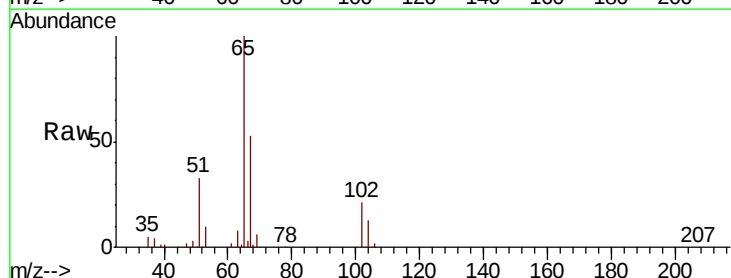


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

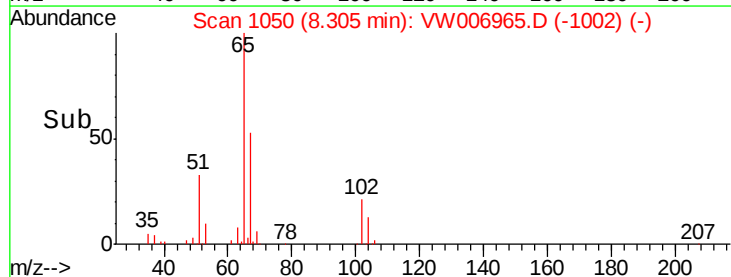
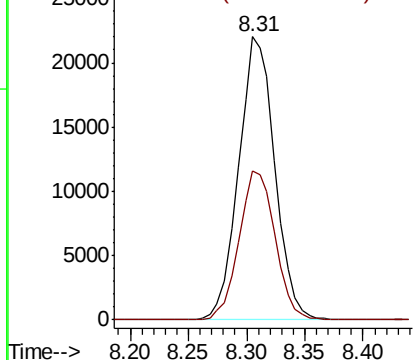


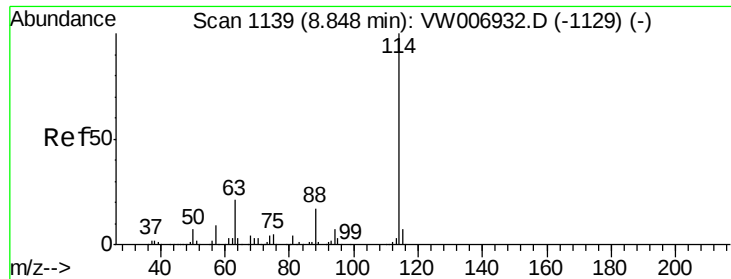
#33
1,2-Dichloroethane-d4
Concen: 42.980 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VW006965.D
Acq: 20 Nov 2018 01:14

Tgt Ion: 65 Resp: 47467
Ion Ratio Lower Upper
65 100
67 52.8 0.0 104.0



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

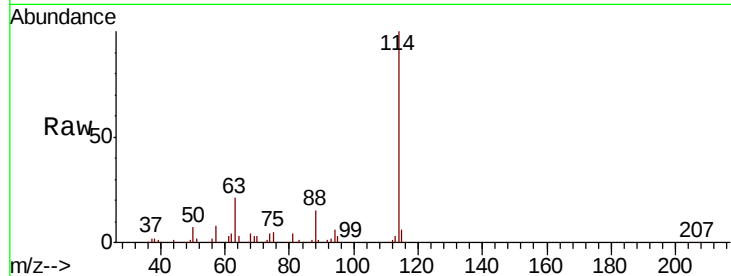




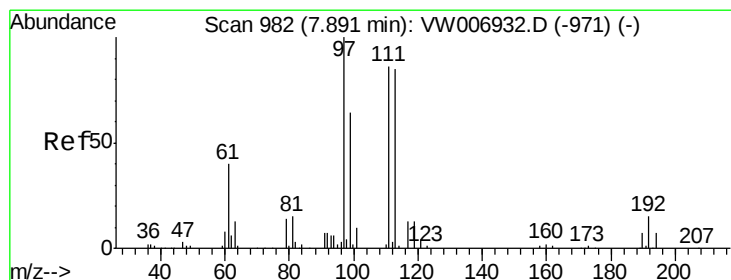
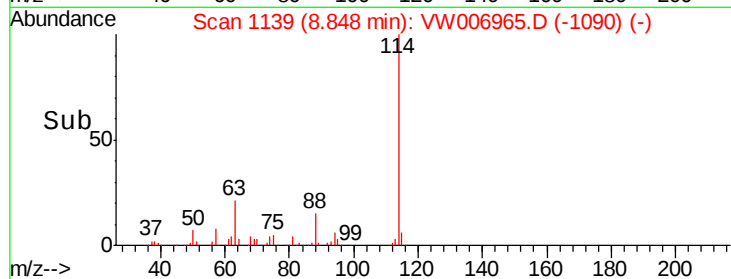
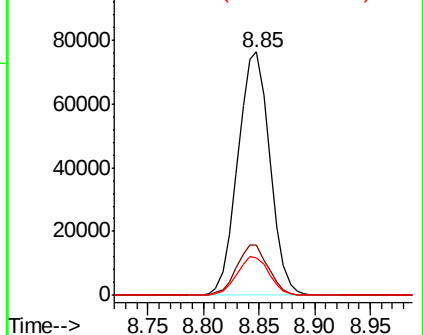
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006965.D
 Acq: 20 Nov 2018 01:14

Instrument :
 MSVOA_W
 ClientSampled :
 DUP-01

Tot Ion:114 Resp: 152479
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 42.2
 88 15.5 0.0 33.4

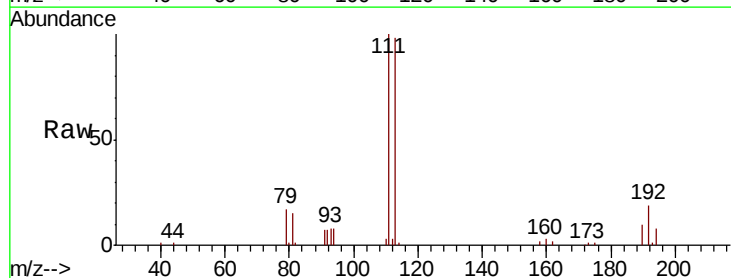


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

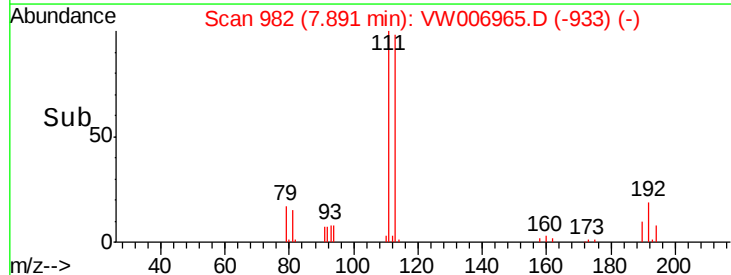
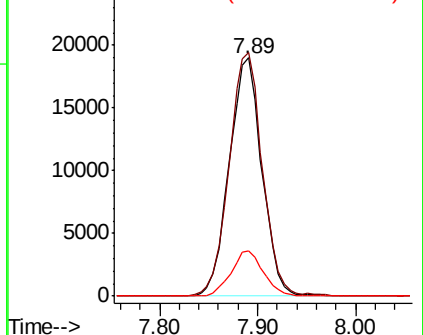


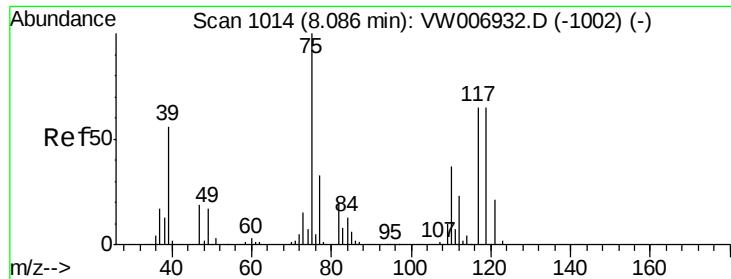
#35
 Dibromofluoromethane
 Concen: 49.178 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW006965.D
 Acq: 20 Nov 2018 01:14

Tgt Ion:113 Resp: 43907
 Ion Ratio Lower Upper
 113 100
 111 104.0 81.7 122.5
 192 18.6 13.9 20.9



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

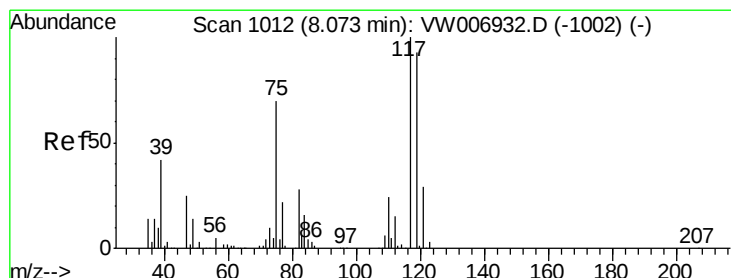
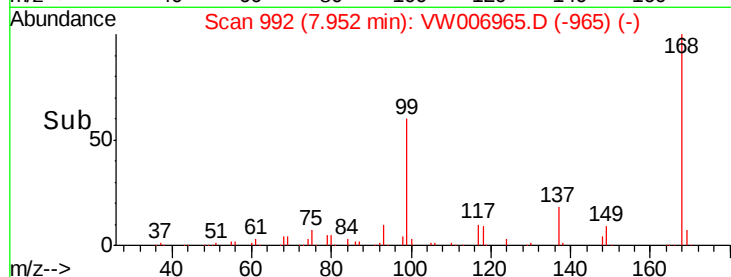
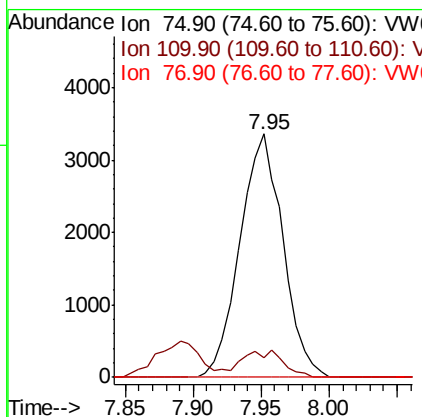
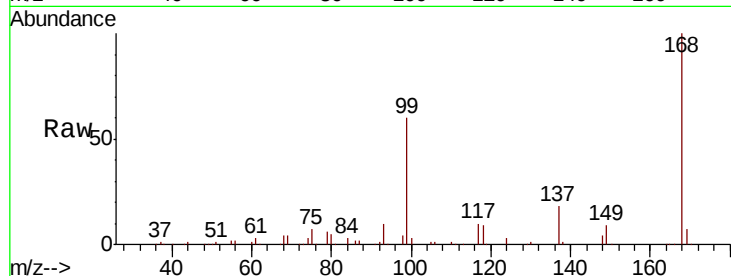




#36
 1,1-Dichloropropene
 Concen: 5.105 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006965.D
 Acq: 20 Nov 2018 01:14

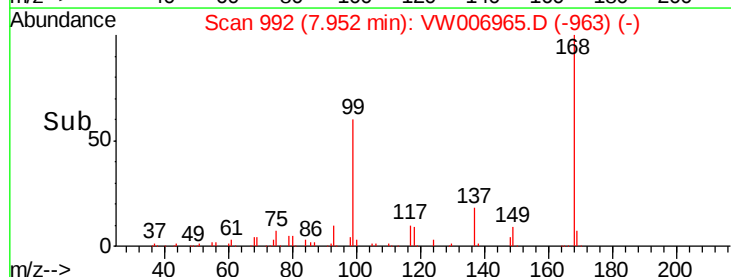
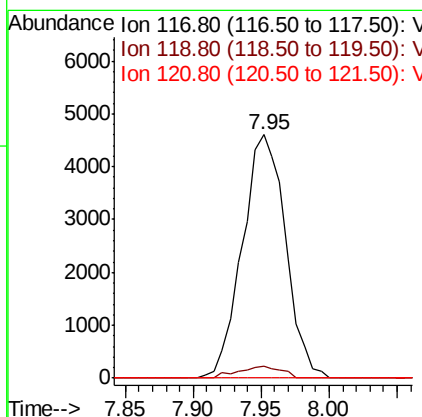
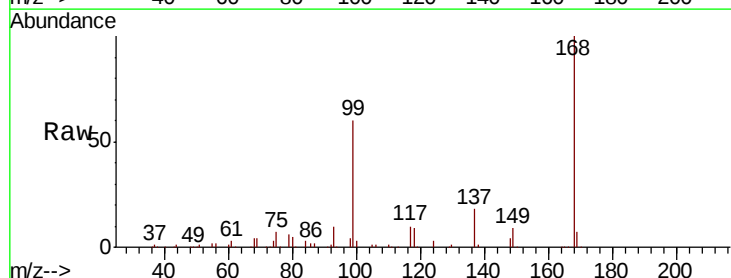
Instrument :
 MSVOA_W
 ClientSampleId :
 DUP-01

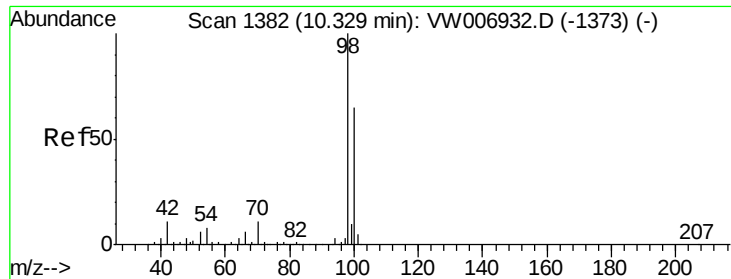
Tot Ion: 75 Resp: 7415
 Ion Ratio Lower Upper
 75 100
 110 10.2 18.1 54.1#
 77 0.0 25.4 38.0#



#38
 Carbon Tetrachloride
 Concen: 7.176 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW006965.D
 Acq: 20 Nov 2018 01:14

Tgt Ion: 117 Resp: 10245
 Ion Ratio Lower Upper
 117 100
 119 4.8 74.2 111.4#
 121 0.0 23.5 35.3#





#50

Toluene-d8

Concen: 45.746 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW006965.D

Acq: 20 Nov 2018 01:14

Instrument :

MSVOA_W

ClientSampled :

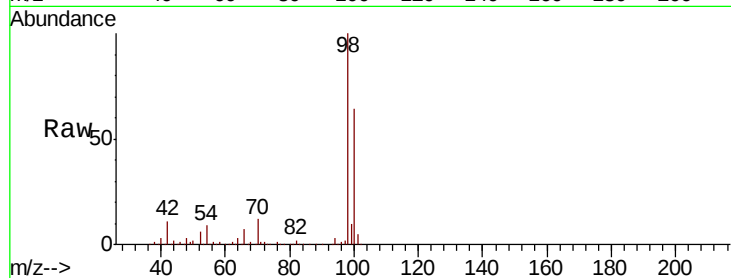
DUP-01

Tot Ion: 98 Resp: 175517

Ion Ratio Lower Upper

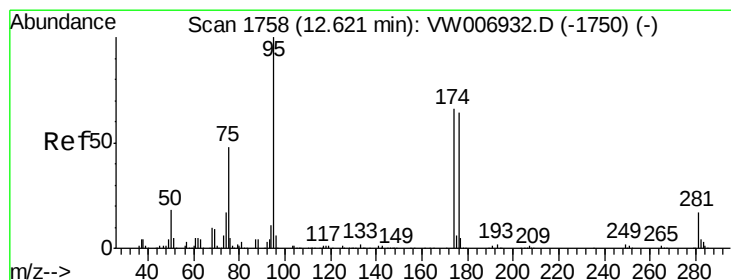
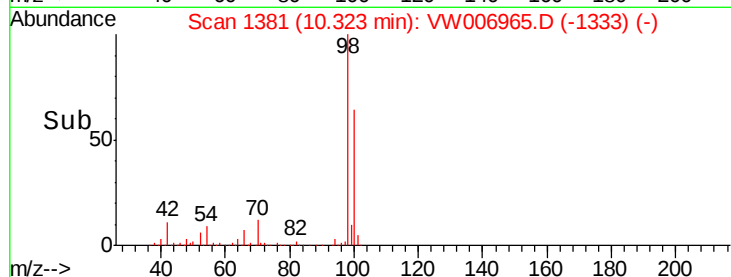
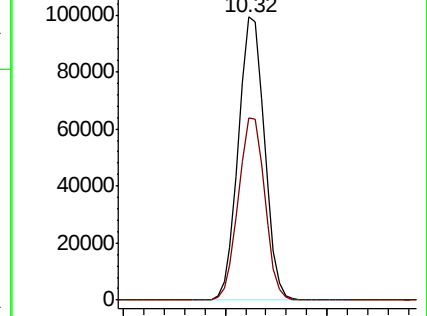
98 100

100 65.1 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 41.035 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006965.D

Acq: 20 Nov 2018 01:14

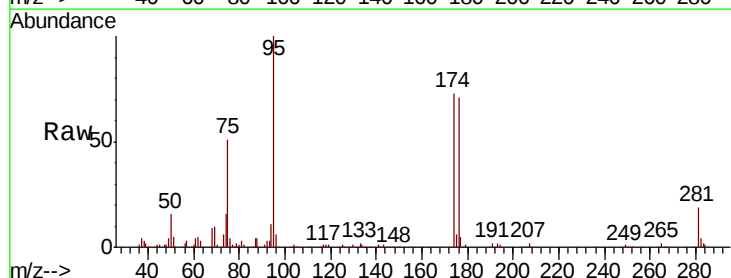
Tgt Ion: 95 Resp: 61390

Ion Ratio Lower Upper

95 100

174 74.3 0.0 138.4

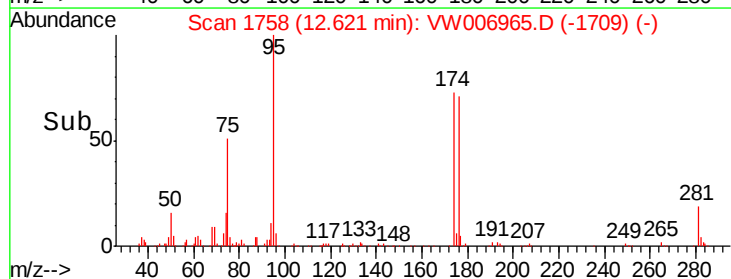
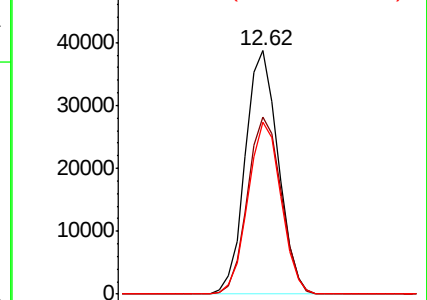
176 70.7 0.0 133.4

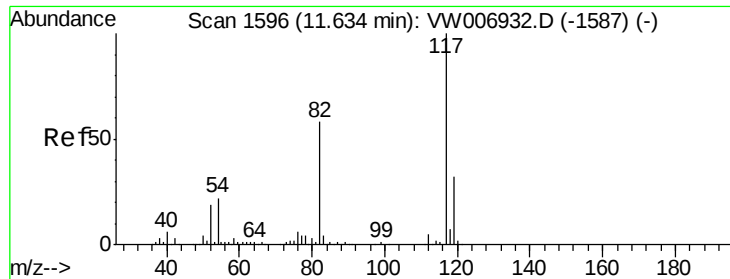


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

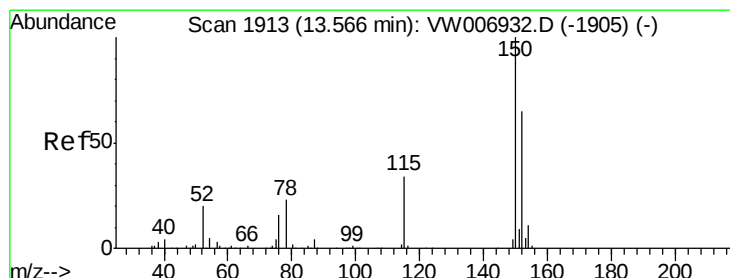
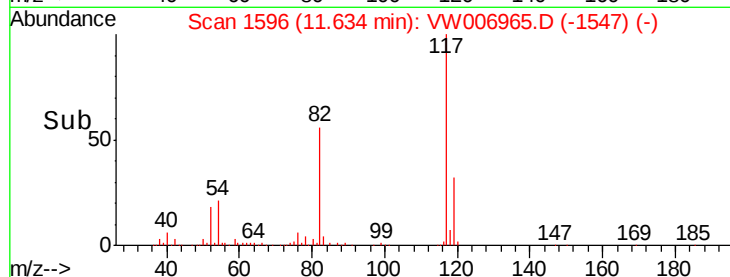
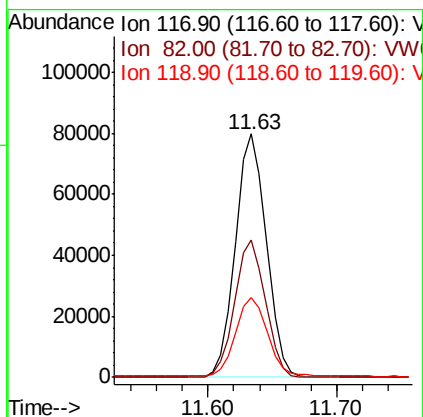
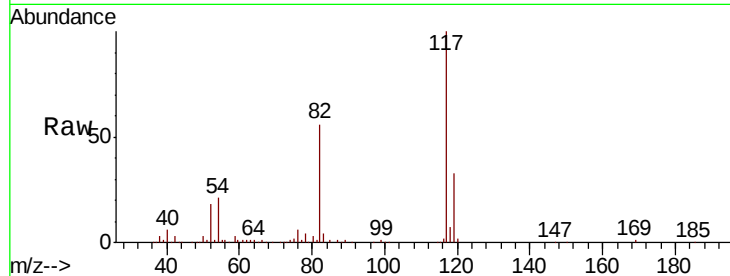




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006965.D
Acq: 20 Nov 2018 01:14

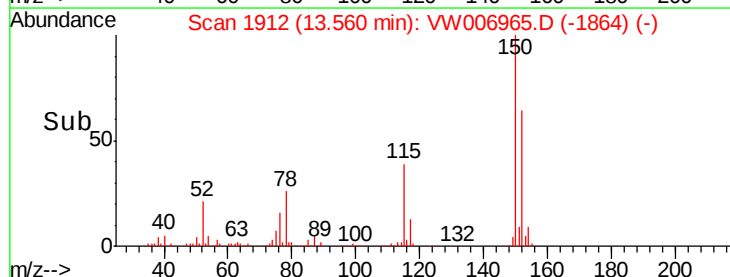
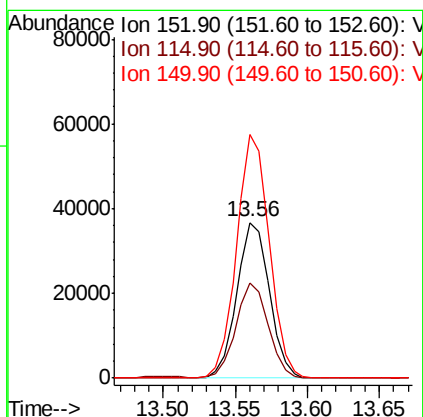
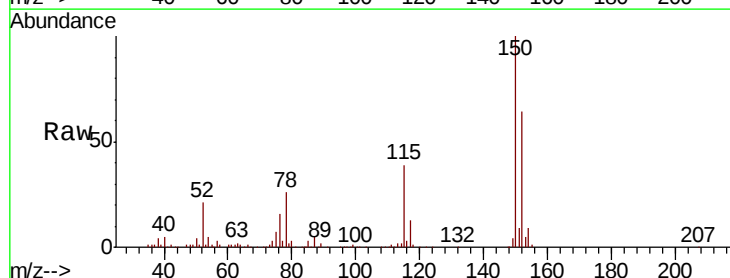
Instrument :
MSVOA_W
ClientSampleID :
DUP-01

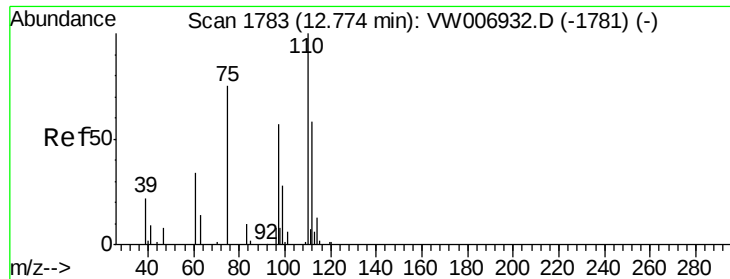
Tot Ion:117 Resp: 132885
Ion Ratio Lower Upper
117 100
82 56.2 46.2 69.2
119 31.8 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.01 min
Lab File: VW006965.D
Acq: 20 Nov 2018 01:14

Tgt Ion:152 Resp: 57633
Ion Ratio Lower Upper
152 100
115 61.0 31.6 94.7
150 157.3 0.0 350.0





#76

1,2,3-Trichloropropane

Concen: 65.840 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006965.D

Acq: 20 Nov 2018 01:14

Instrument :

MSVOA_W

ClientSampleId :

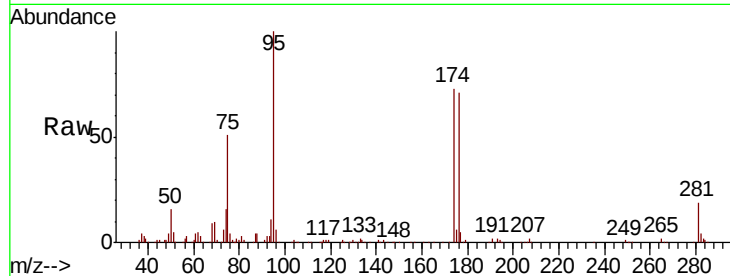
DUP-01

Tot Ion: 75 Resp: 30494

Ion Ratio Lower Upper

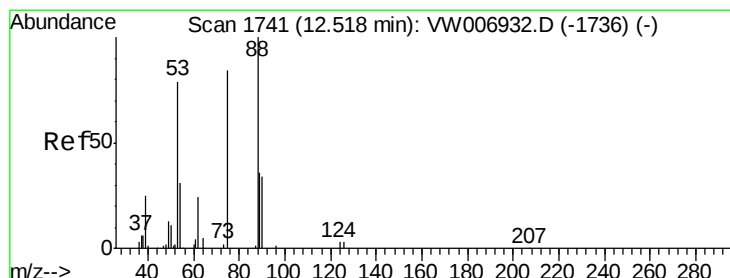
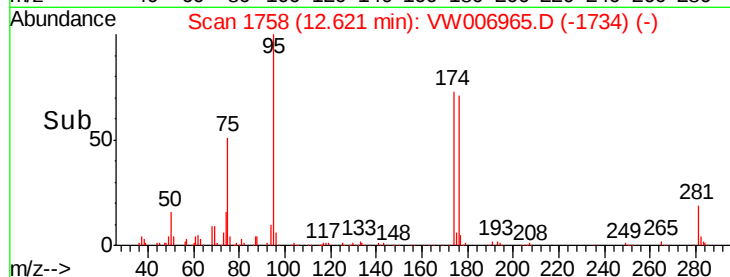
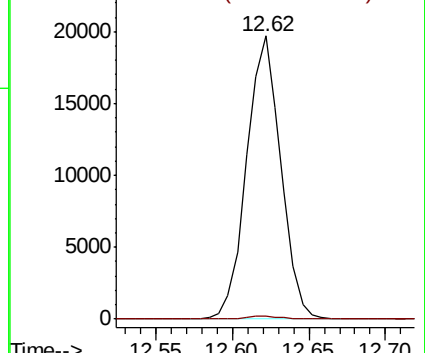
75 100

77 1.1 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: 149.876 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006965.D

Acq: 20 Nov 2018 01:14

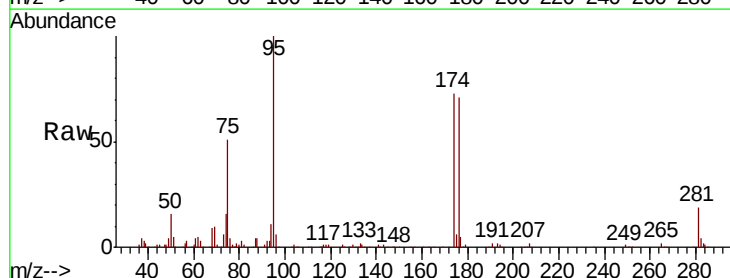
Tgt Ion: 75 Resp: 30494

Ion Ratio Lower Upper

75 100

53 0.0 79.3 118.9#

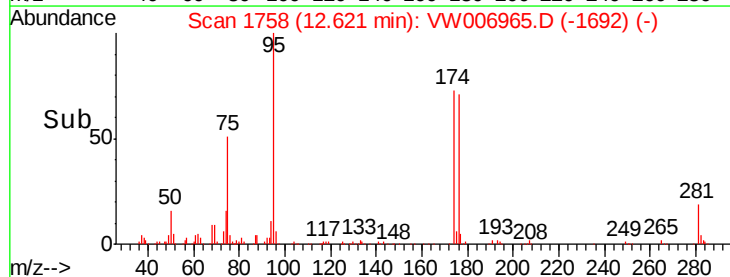
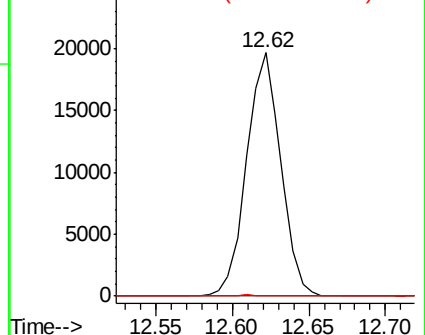
89 0.2 39.5 59.3#

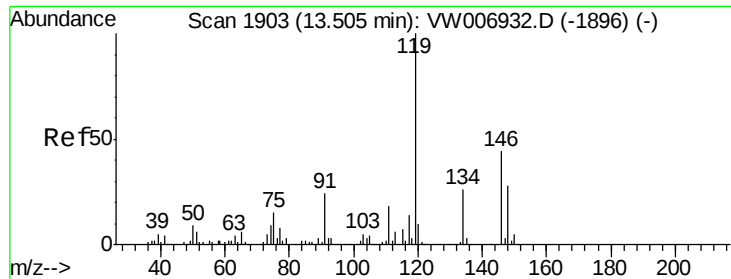


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

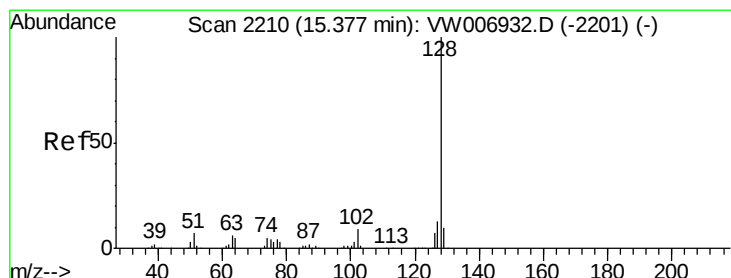
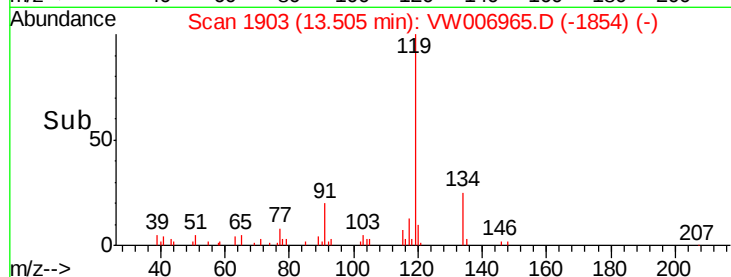
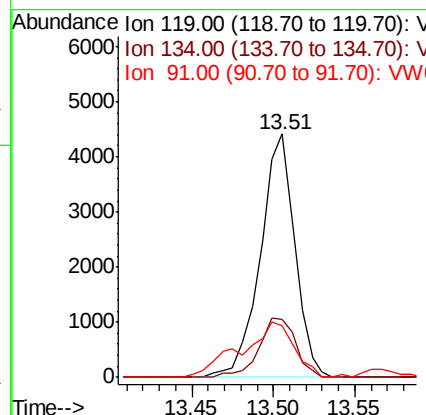
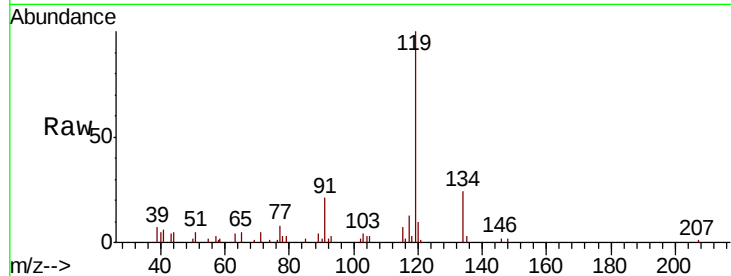




#86
 p-Isopropyltoluene
 Concen: 1.554 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006965.D
 Acq: 20 Nov 2018 01:14

Instrument :
 MSVOA_W
 ClientSampleId :
 DUP-01

Tot Ion:119 Resp: 6466
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.7 38.1
 91 35.2 12.4 37.2



#95
 Naphthalene
 Concen: 6.608 ug/l
 RT: 15.37 min Scan# 2209
 Delta R.T. -0.01 min
 Lab File: VW006965.D
 Acq: 20 Nov 2018 01:14

Tgt Ion:128 Resp: 14170
 Ion Ratio Lower Upper
 128 100
 127 14.2 10.6 15.8
 129 11.6 8.5 12.7

