

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072318\
 Data File : VW004136.D
 Acq On : 23 Jul 2018 14:45
 Operator : SY/AP
 Sample : J4030-04
 Misc : 6.59G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 24 04:43:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 15:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	236661	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	388613	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	310386	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	111259	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	100060	37.82	ug/l	0.00
Spiked Amount						
			Recovery	=	75.64%	
35) Dibromofluoromethane	7.88	113	92226	36.99	ug/l	0.00
Spiked Amount						
			Recovery	=	73.98%	
50) Toluene-d8	10.33	98	289745	29.95	ug/l	0.00
Spiked Amount						
			Recovery	=	59.90%	
62) 4-Bromofluorobenzene	12.62	95	78441	22.48	ug/l	0.00
Spiked Amount						
			Recovery	=	44.96%	

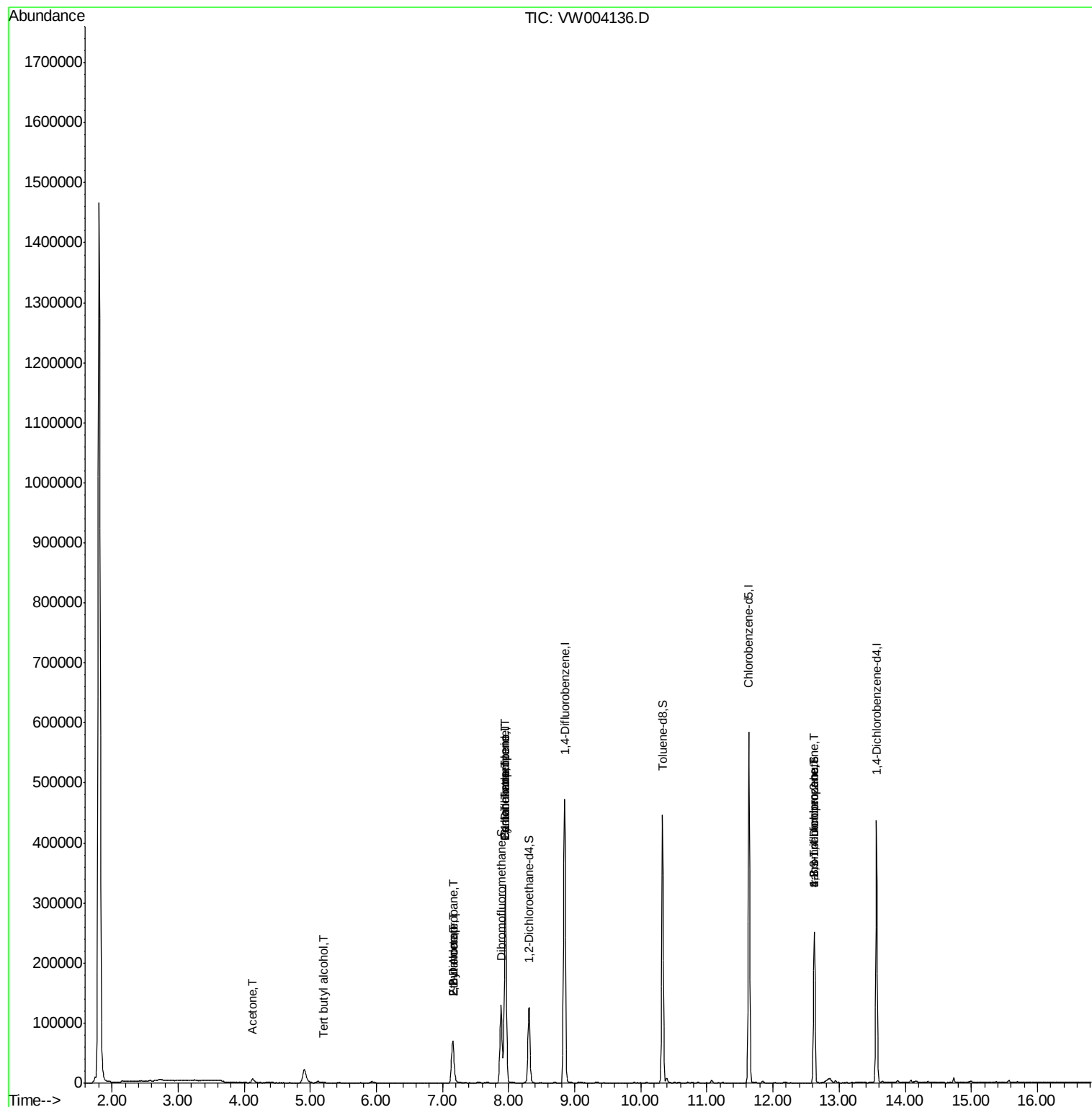
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.20	59	919	5.032	ug/l #	72
16) Acetone	4.13	43	10937	17.205	ug/l	96
20) Methylene Chloride	4.91	84	19483	Below Cal		96
25) 2-Butanone	7.16	43	4372	5.111	ug/l #	74
26) 2,2-Dichloropropane	7.16	77	4573	1.702	ug/l #	52
31) Cyclohexane	7.95	56	5459	1.244	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	20161	5.042	ug/l #	49
37) Ethyl Acetate	7.16	43	4372	2.267	ug/l #	1
38) Carbon Tetrachloride	7.95	117	24196	6.477	ug/l #	18
76) 1,2,3-Trichloropropane	12.62	75	41380	37.463	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	41380	82.868	ug/l #	11

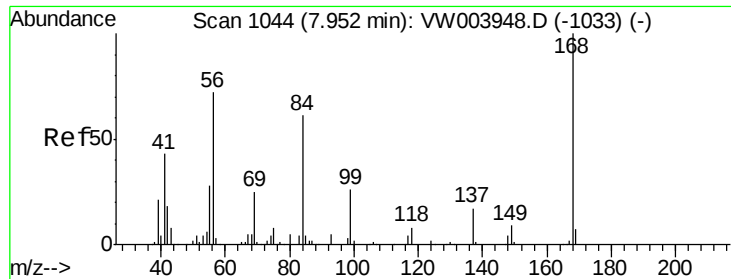
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW072318\
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Quant Time: Jul 24 04:43:57 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
Quant Title : SW846 8260
QLast Update : Mon Jul 16 15:06:12 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: VW004136.D

Acq: 23 Jul 2018 14:45

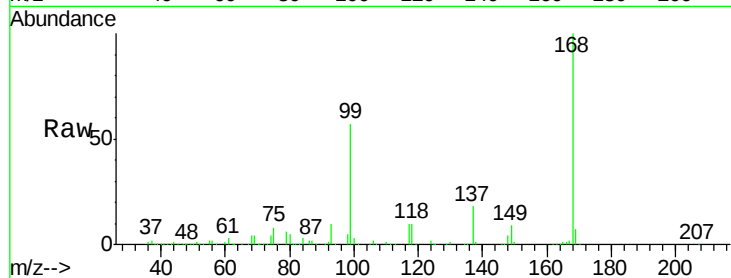
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 236661

Ion Ratio Lower Upper

168 100

99 57.0 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

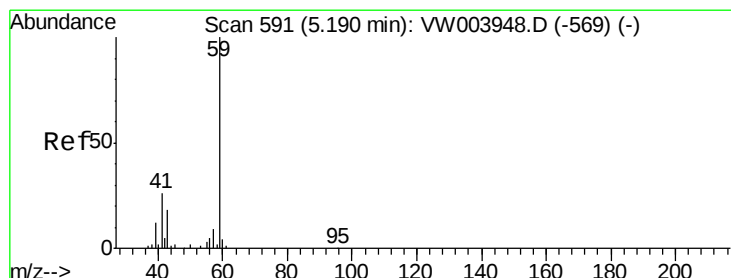
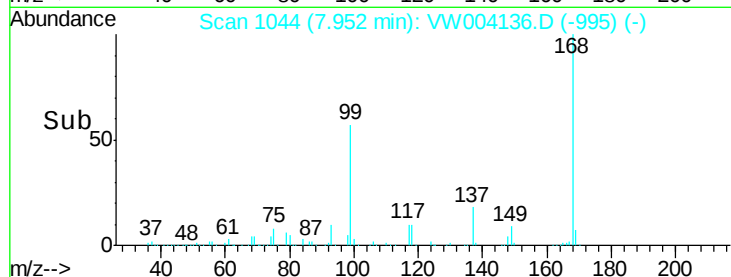
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 5.032 ug/l

RT: 5.20 min Scan# 593

Delta R.T. 0.01 min

Lab File: VW004136.D

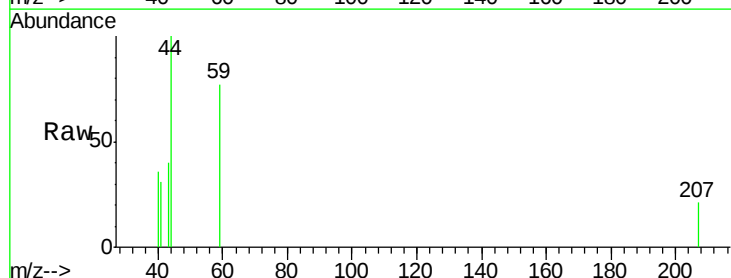
Acq: 23 Jul 2018 14:45

Tgt Ion: 59 Resp: 919

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.20

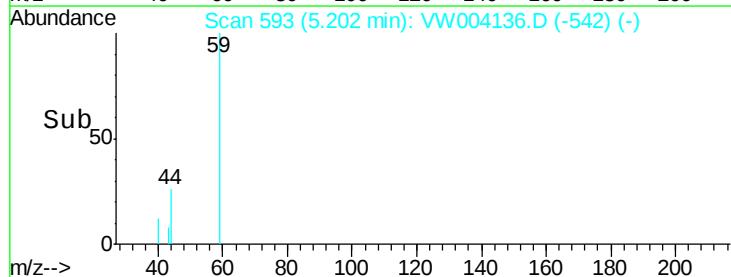
600

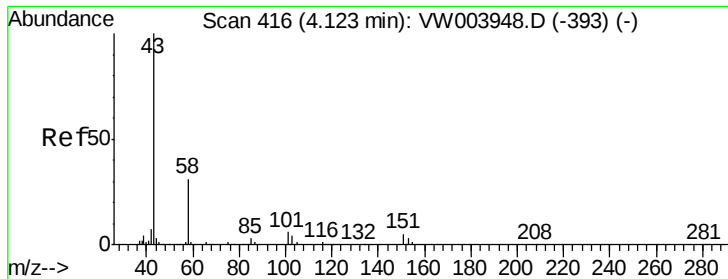
400

200

0

Time-->





#16

Acetone

Concen: 17.205 ug/l

RT: 4.13 min Scan# 417

Delta R.T. 0.01 min

Lab File: VW004136.D

Acq: 23 Jul 2018 14:45

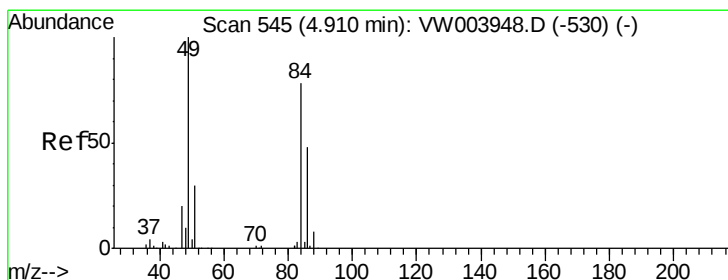
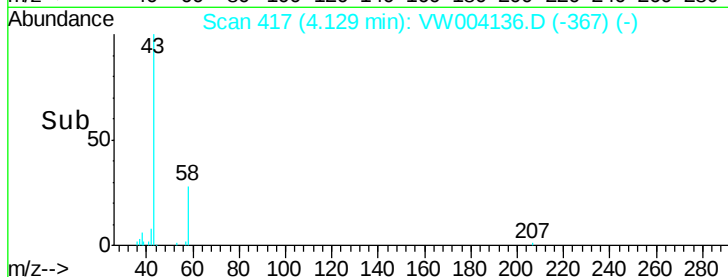
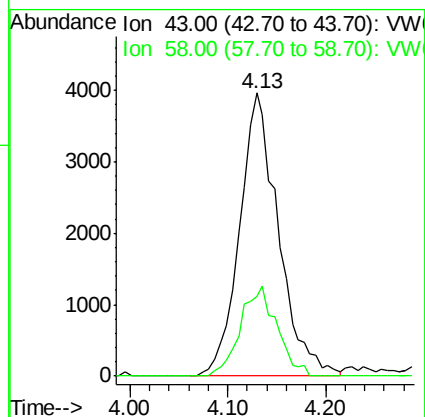
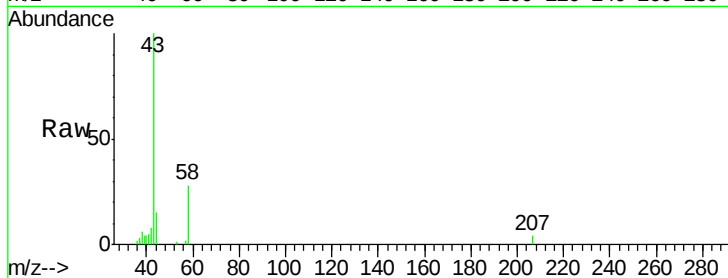
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 10937

Ion Ratio Lower Upper

43 100

58 28.3 24.5 36.7



#20

Methylene Chloride

Concen: Below Cal

RT: 4.91 min Scan# 545

Delta R.T. 0.00 min

Lab File: VW004136.D

Acq: 23 Jul 2018 14:45

Tgt Ion: 84 Resp: 19483

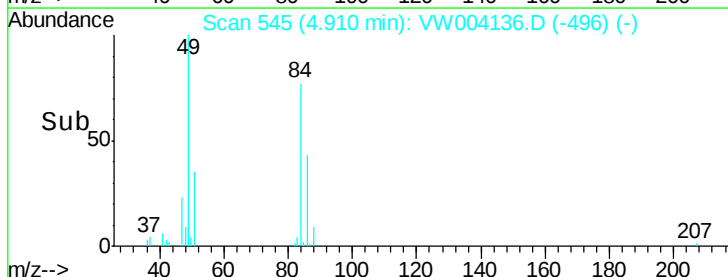
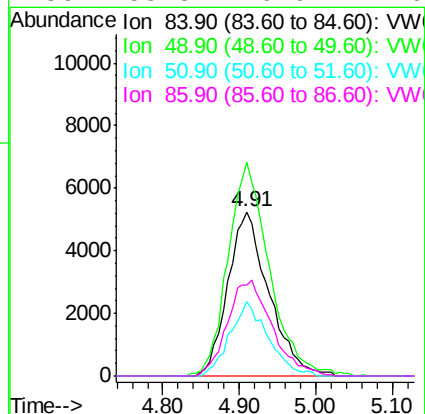
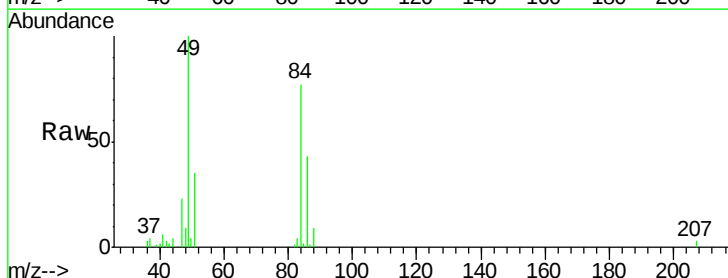
Ion Ratio Lower Upper

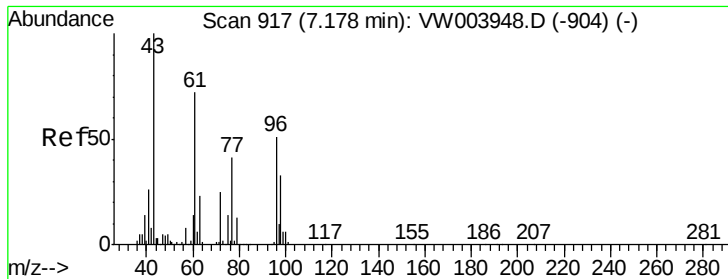
84 100

49 128.4 102.9 154.3

51 45.3 30.9 46.3

86 55.3 49.9 74.9





#25

2-Butanone

Concen: 5.111 ug/l

RT: 7.16 min Scan# 914

Delta R.T. -0.02 min

Lab File: VW004136.D

Acq: 23 Jul 2018 14:45

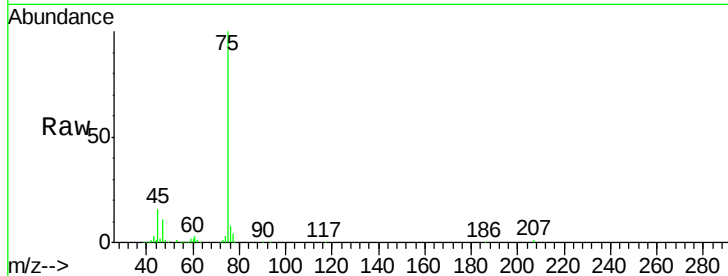
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 4372

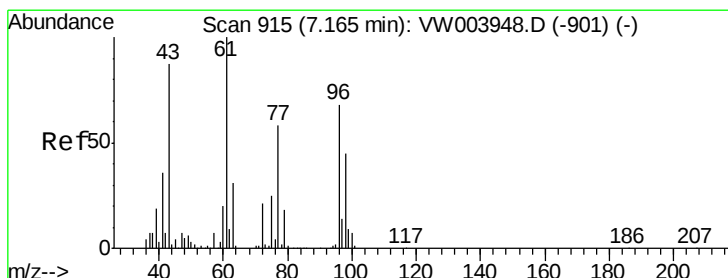
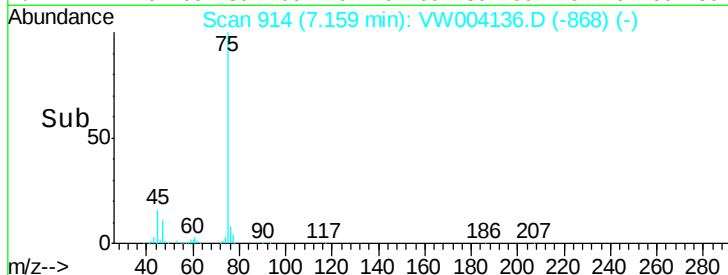
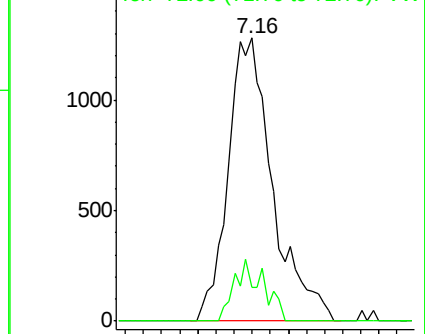
Ion Ratio Lower Upper

43 100

72 11.9 19.8 29.6#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW



#26

2,2-Dichloropropane

Concen: 1.702 ug/l

RT: 7.16 min Scan# 914

Delta R.T. -0.01 min

Lab File: VW004136.D

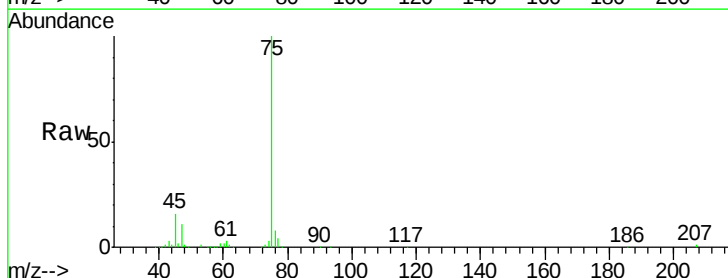
Acq: 23 Jul 2018 14:45

Tgt Ion: 77 Resp: 4573

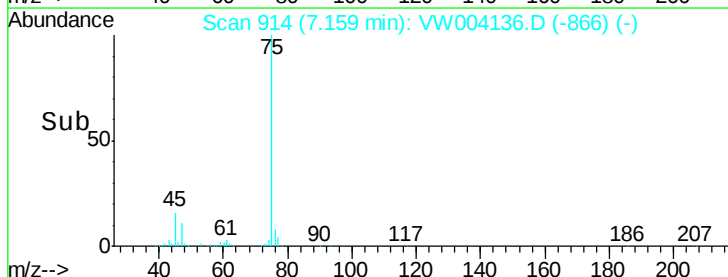
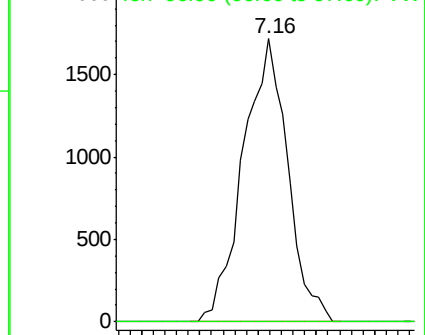
Ion Ratio Lower Upper

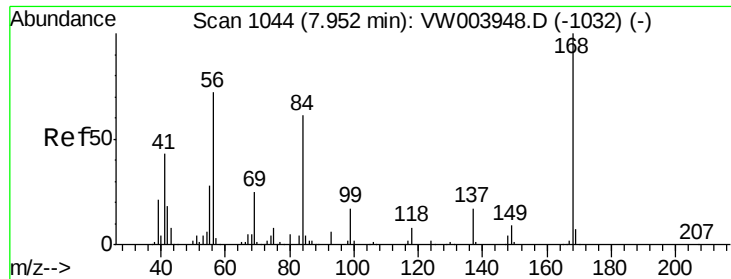
77 100

97 0.0 11.8 35.3#



Abundance Ion 76.90 (76.60 to 77.60): VW
Ion 96.90 (96.60 to 97.60): VW

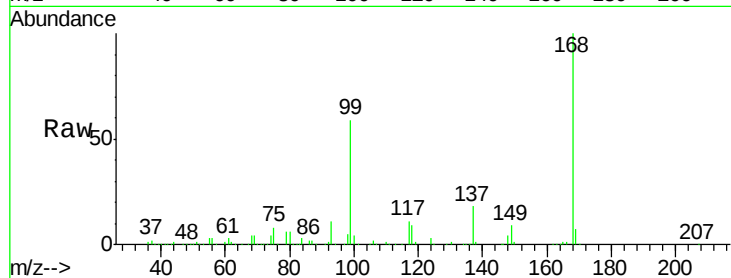




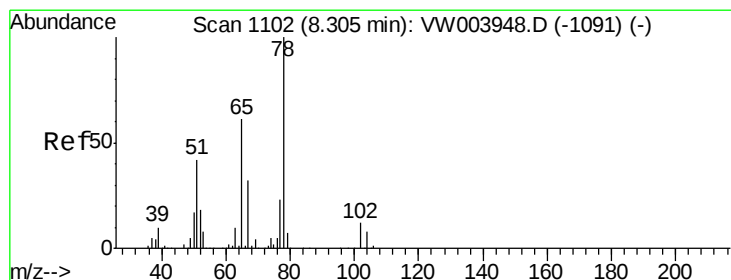
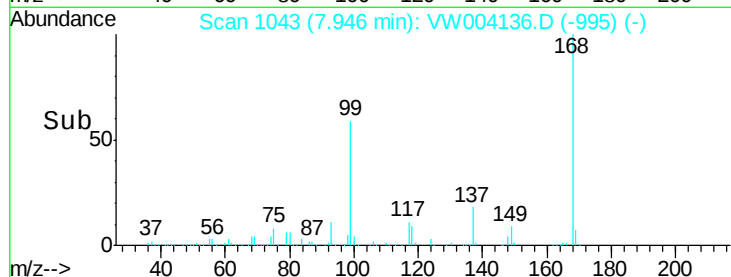
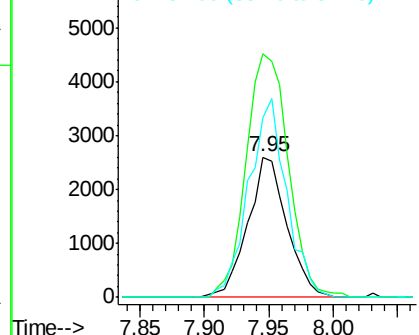
#31
Cyclohexane
Concen: 1.244 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.01 min
Lab File: VW004136.D
Acq: 23 Jul 2018 14:45

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 5459
Ion Ratio Lower Upper
56 100
69 173.3 27.8 41.8#
84 127.7 67.2 100.8#

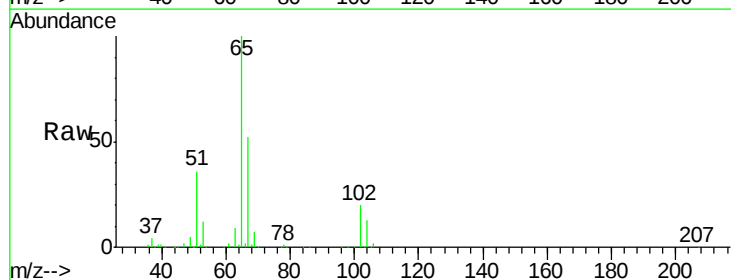


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

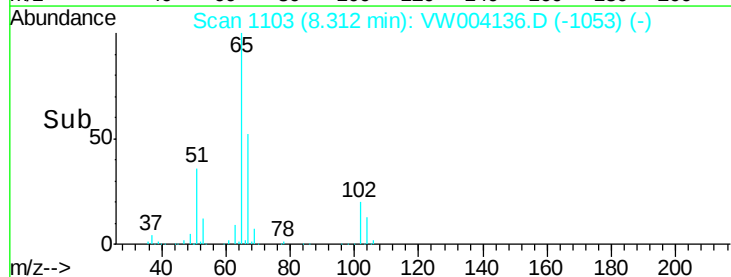
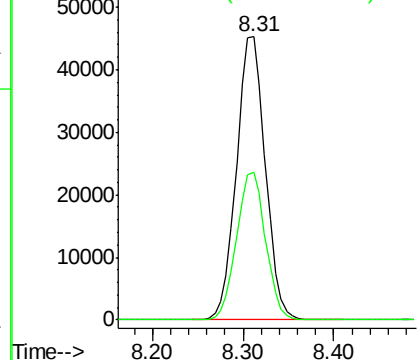


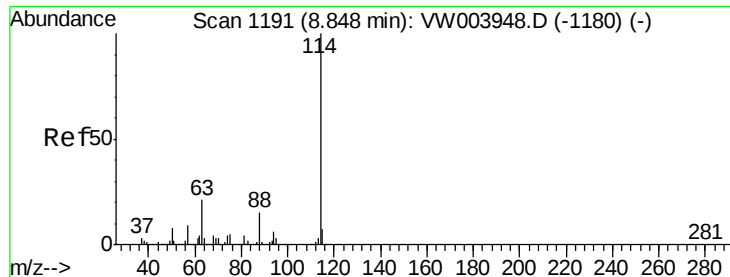
#33
1,2-Dichloroethane-d4
Concen: 37.824 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. 0.01 min
Lab File: VW004136.D
Acq: 23 Jul 2018 14:45

Tgt Ion: 65 Resp: 100060
Ion Ratio Lower Upper
65 100
67 52.3 0.0 105.0



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

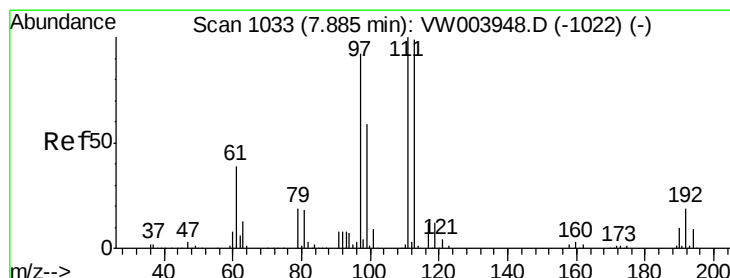
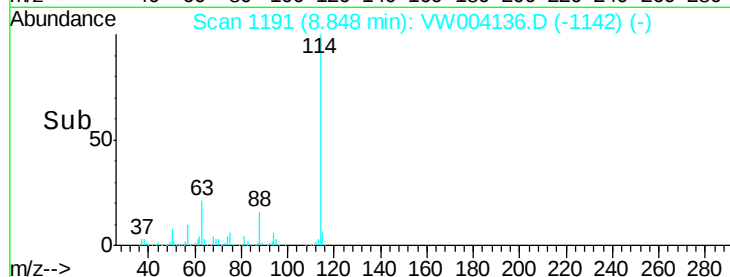
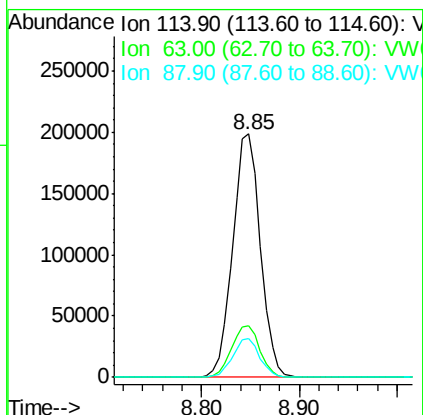
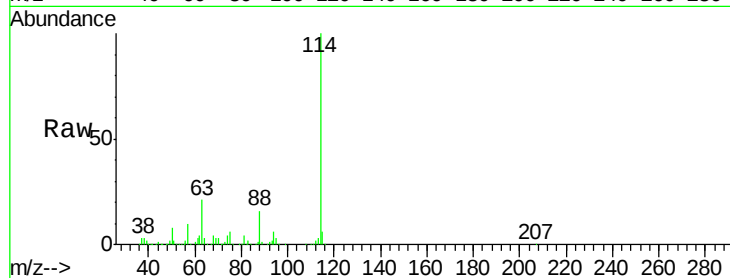




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004136.D
 Acq: 23 Jul 2018 14:45

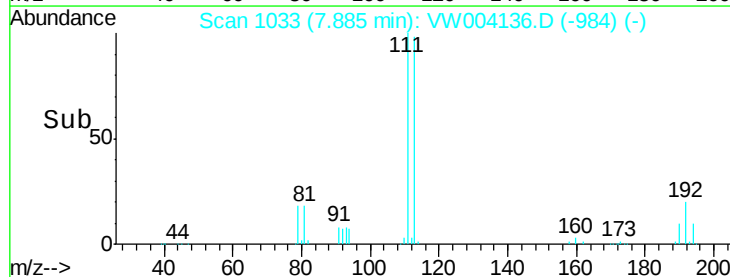
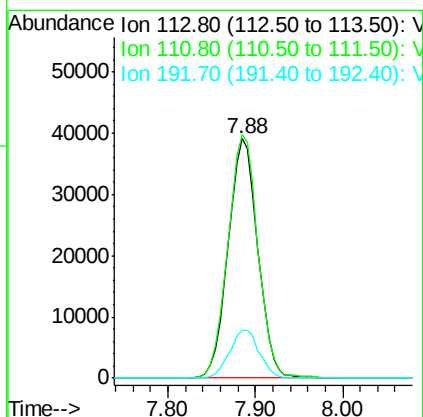
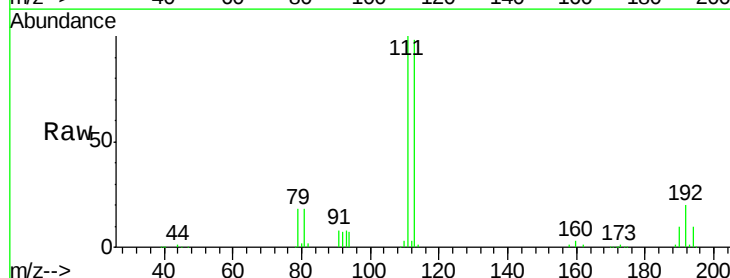
Instrument :
 MSVOA_W
 ClientSampled :

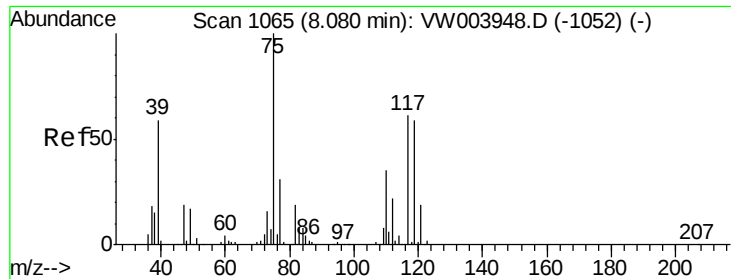
Tot Ion:114 Resp: 388613
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 42.8
 88 15.7 0.0 30.4



#35
 Dibromofluoromethane
 Concen: 36.988 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004136.D
 Acq: 23 Jul 2018 14:45

Tgt Ion:113 Resp: 92226
 Ion Ratio Lower Upper
 113 100
 111 102.9 81.3 121.9
 192 20.3 15.8 23.6





#36

1,1-Dichloropropene

Concen: 5.042 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.13 min

Lab File: VW004136.D

Acq: 23 Jul 2018 14:45

Instrument :

MSVOA_W

ClientSampled :

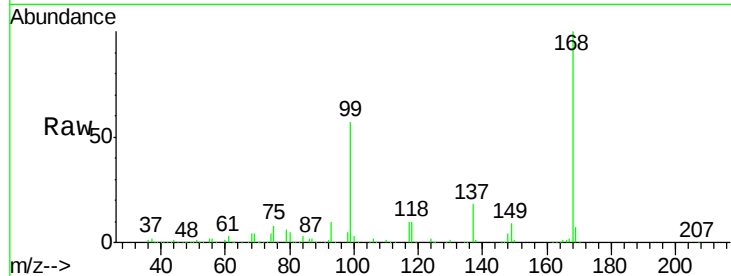
Tot Ion: 75 Resp: 20161

Ion Ratio Lower Upper

75 100

110 8.0 17.0 51.0#

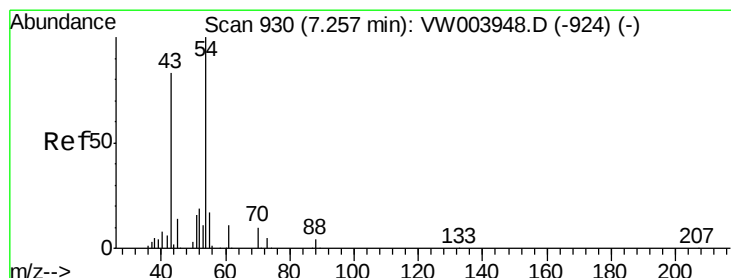
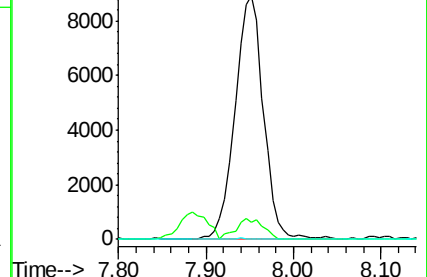
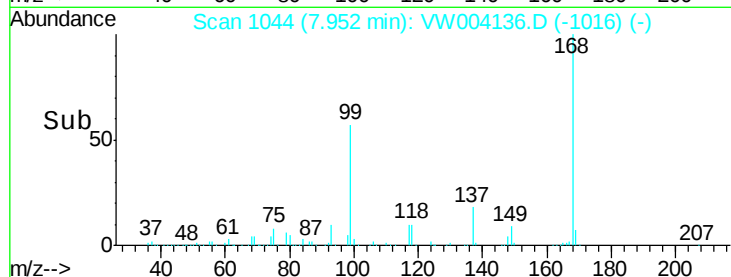
77 0.1 24.9 37.3#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): VW

Ion 76.90 (76.60 to 77.60): VW



#37

Ethyl Acetate

Concen: 2.267 ug/l

RT: 7.16 min Scan# 914

Delta R.T. -0.10 min

Lab File: VW004136.D

Acq: 23 Jul 2018 14:45

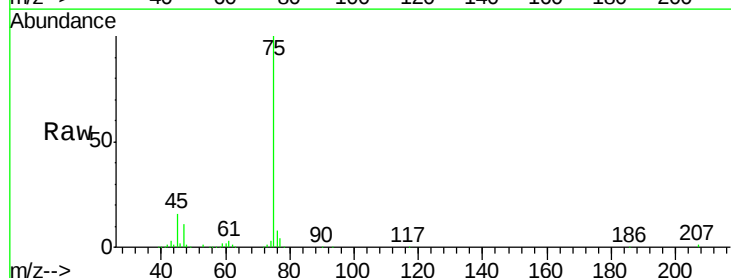
Tgt Ion: 43 Resp: 4372

Ion Ratio Lower Upper

43 100

61 94.9 10.7 16.1#

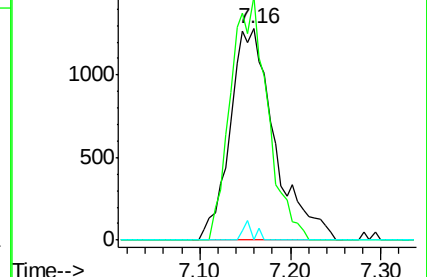
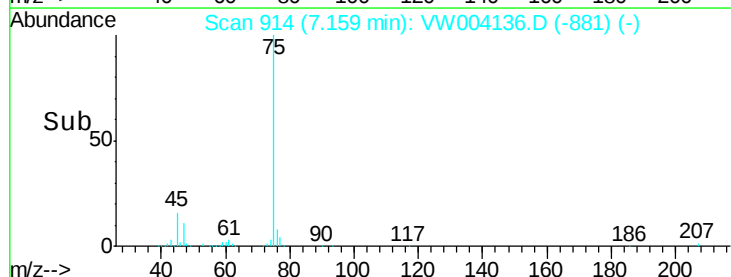
70 2.1 7.7 11.5#

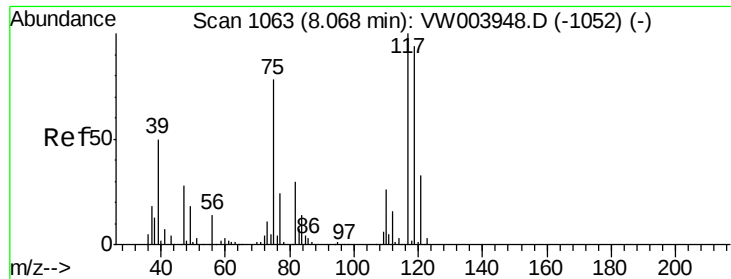


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 70.00 (69.70 to 70.70): VW

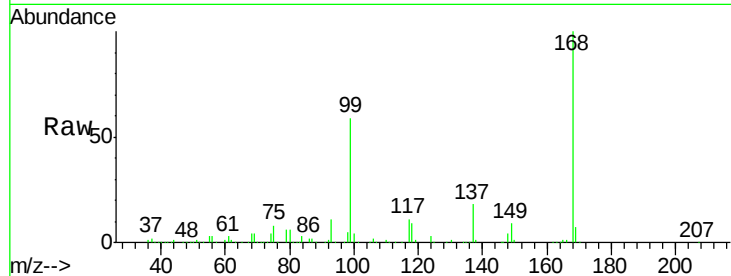




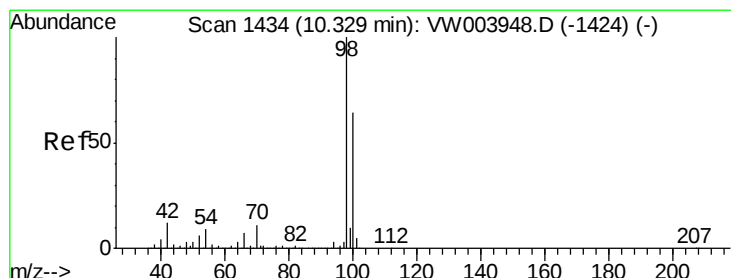
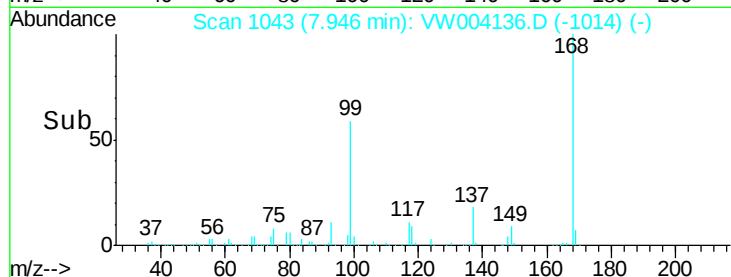
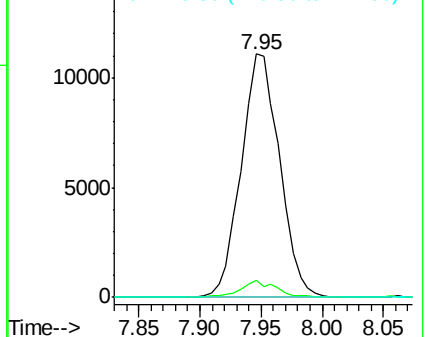
#38
Carbon Tetrachloride
Concen: 6.477 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.12 min
Lab File: VW004136.D
Acq: 23 Jul 2018 14:45

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:117 Resp: 24196
Ion Ratio Lower Upper
117 100
119 7.2 75.3 112.9#
121 0.0 26.0 39.0#

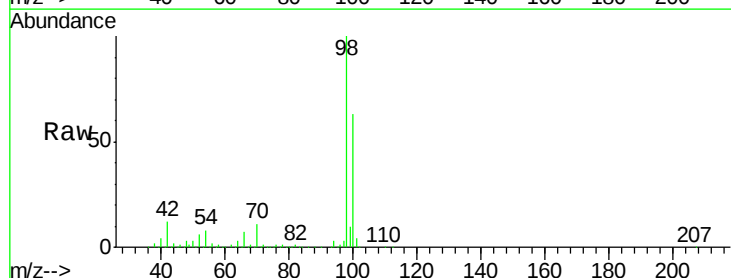


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

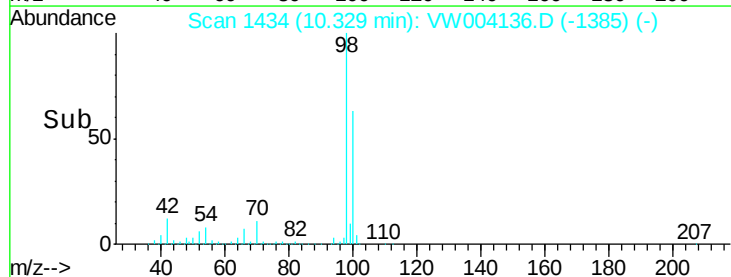
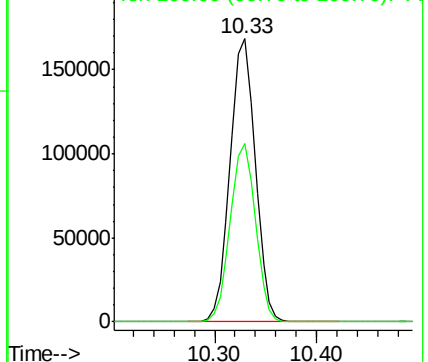


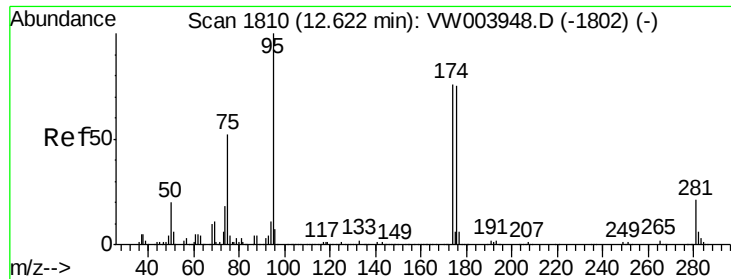
#50
Toluene-d8
Concen: 29.947 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW004136.D
Acq: 23 Jul 2018 14:45

Tgt Ion: 98 Resp: 289745
Ion Ratio Lower Upper
98 100
100 62.7 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW

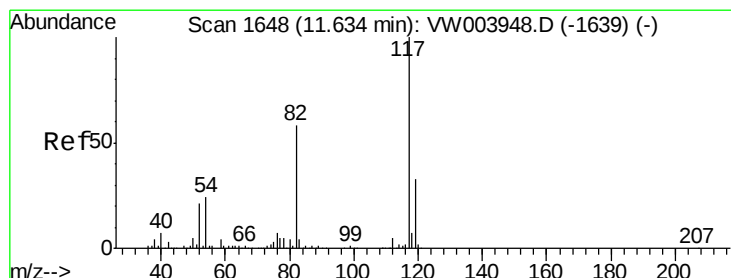
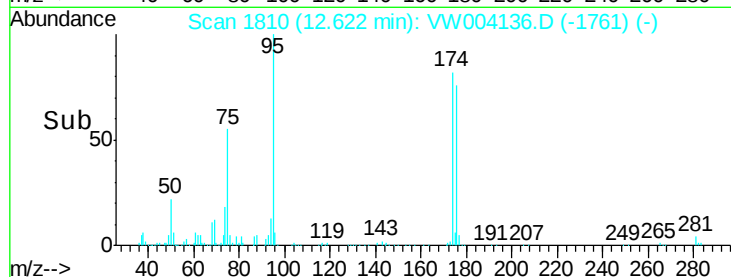
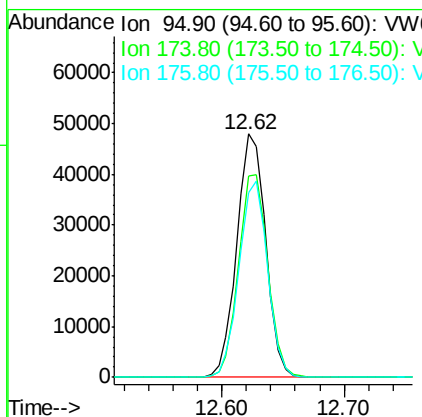
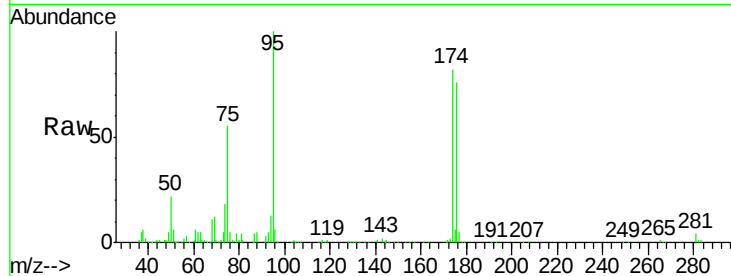




#62
4-Bromofluorobenzene
Concen: 22.483 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VW004136.D
Acq: 23 Jul 2018 14:45

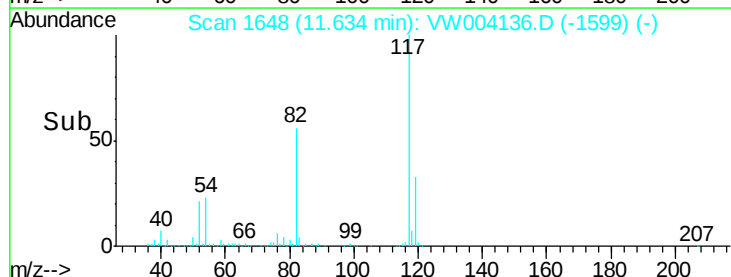
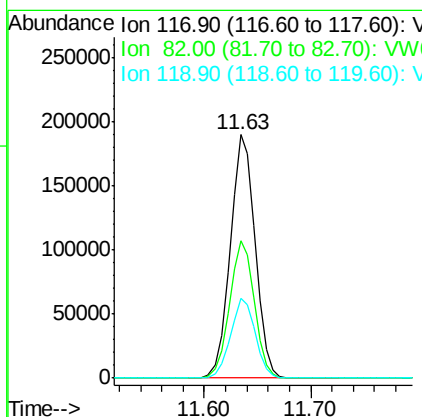
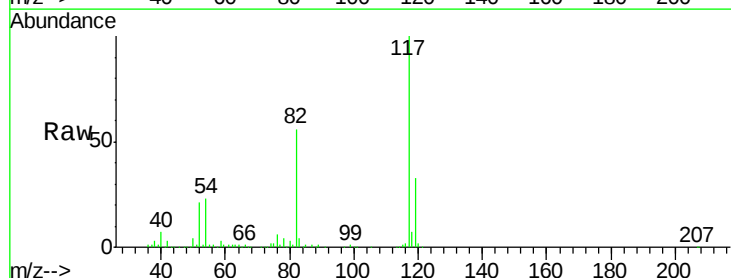
Instrument :
MSVOA_W
ClientSampleId :

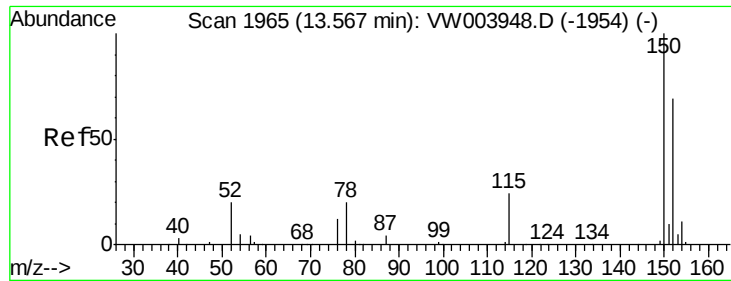
Tot Ion: 95 Resp: 78441
Ion Ratio Lower Upper
95 100
174 84.1 0.0 160.2
176 79.6 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004136.D
Acq: 23 Jul 2018 14:45

Tgt Ion: 117 Resp: 310386
Ion Ratio Lower Upper
117 100
82 56.3 46.5 69.7
119 32.5 26.2 39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW004136.D

Acq: 23 Jul 2018 14:45

Instrument :

MSVOA_W

ClientSampleId :

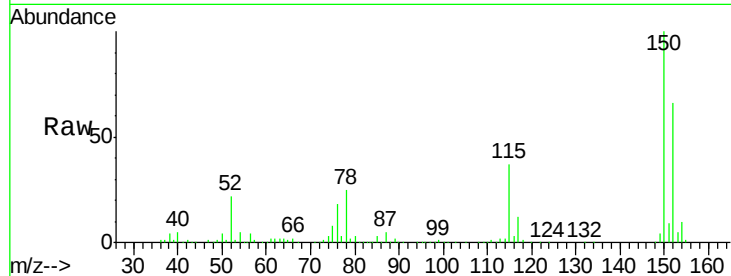
Tot Ion:152 Resp: 111259

Ion Ratio Lower Upper

152 100

115 57.8 29.2 87.6

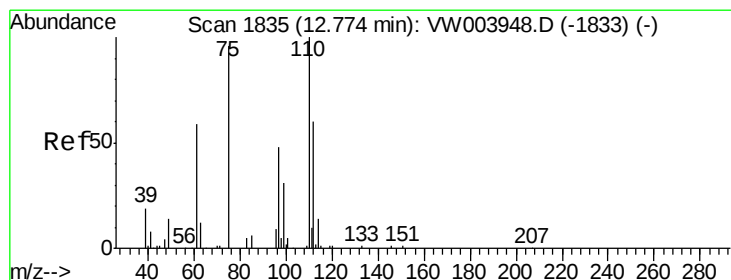
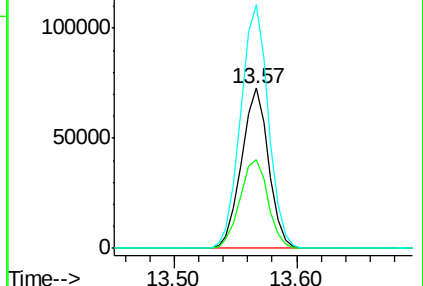
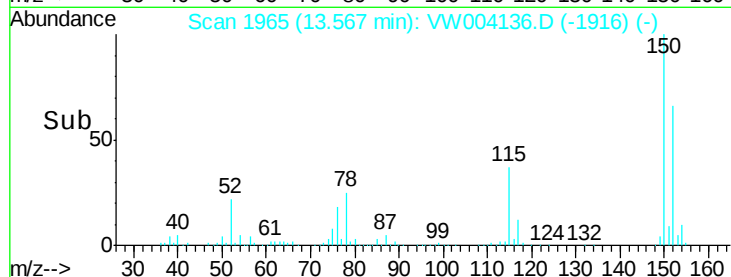
150 155.6 0.0 345.2



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



#76

1,2,3-Trichloropropane

Concen: 37.463 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW004136.D

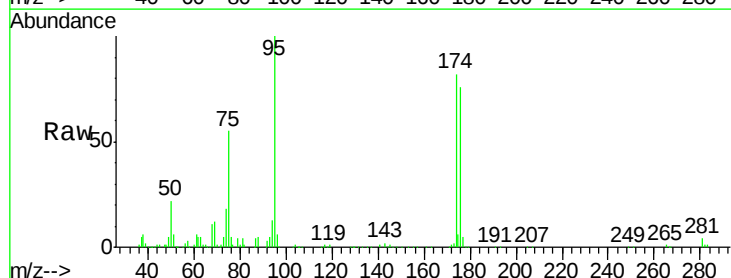
Acq: 23 Jul 2018 14:45

Tgt Ion: 75 Resp: 41380

Ion Ratio Lower Upper

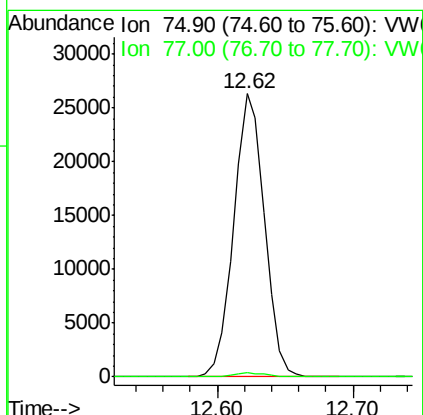
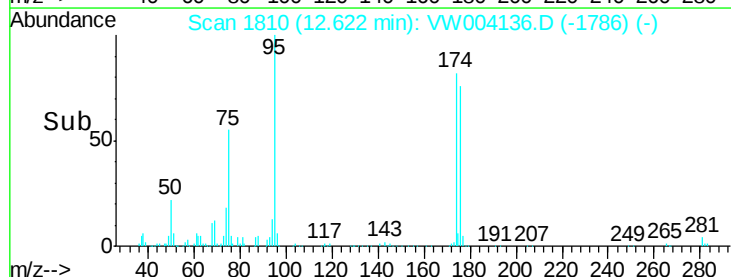
75 100

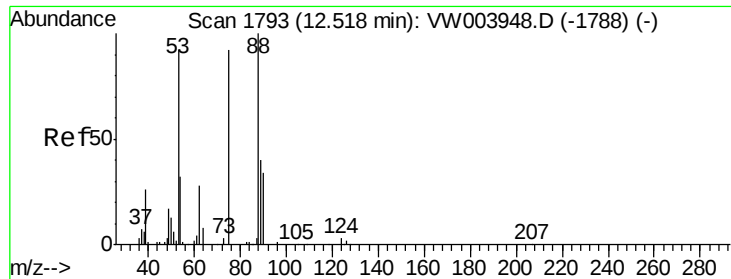
77 1.4 0.0 0.0#



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: 82.868 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW004136.D

Acq: 23 Jul 2018 14:45

Instrument :

MSVOA_W

ClientSampleId :

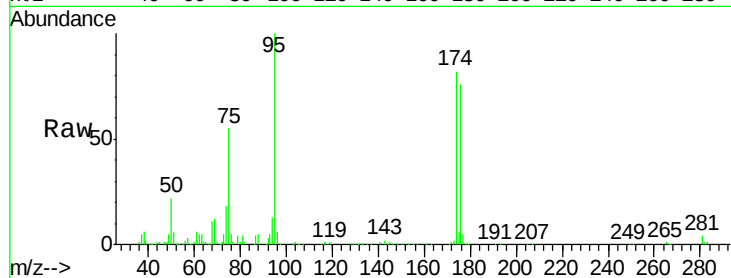
Tot Ion: 75 Resp: 41380

Ion Ratio Lower Upper

75 100

53 0.2 77.6 116.4#

89 0.0 36.6 54.8#



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

