

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062818\
 Data File : VW003641.D
 Acq On : 28 Jun 2018 16:24
 Operator : SY/AP
 Sample : J3048-06RE
 Misc : 6.61G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 29 06:44:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 05:18:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	123805	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	203222	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	183994	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	82636	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	91068	67.91	ug/l	0.00
Spiked Amount			Recovery	=	135.82%	
35) Dibromofluoromethane	7.89	113	75584	59.86	ug/l	0.00
Spiked Amount			Recovery	=	119.72%	
50) Toluene-d8	10.33	98	248127	49.55	ug/l	0.00
Spiked Amount			Recovery	=	99.10%	
62) 4-Bromofluorobenzene	12.63	95	80273	45.30	ug/l	0.00
Spiked Amount			Recovery	=	90.60%	

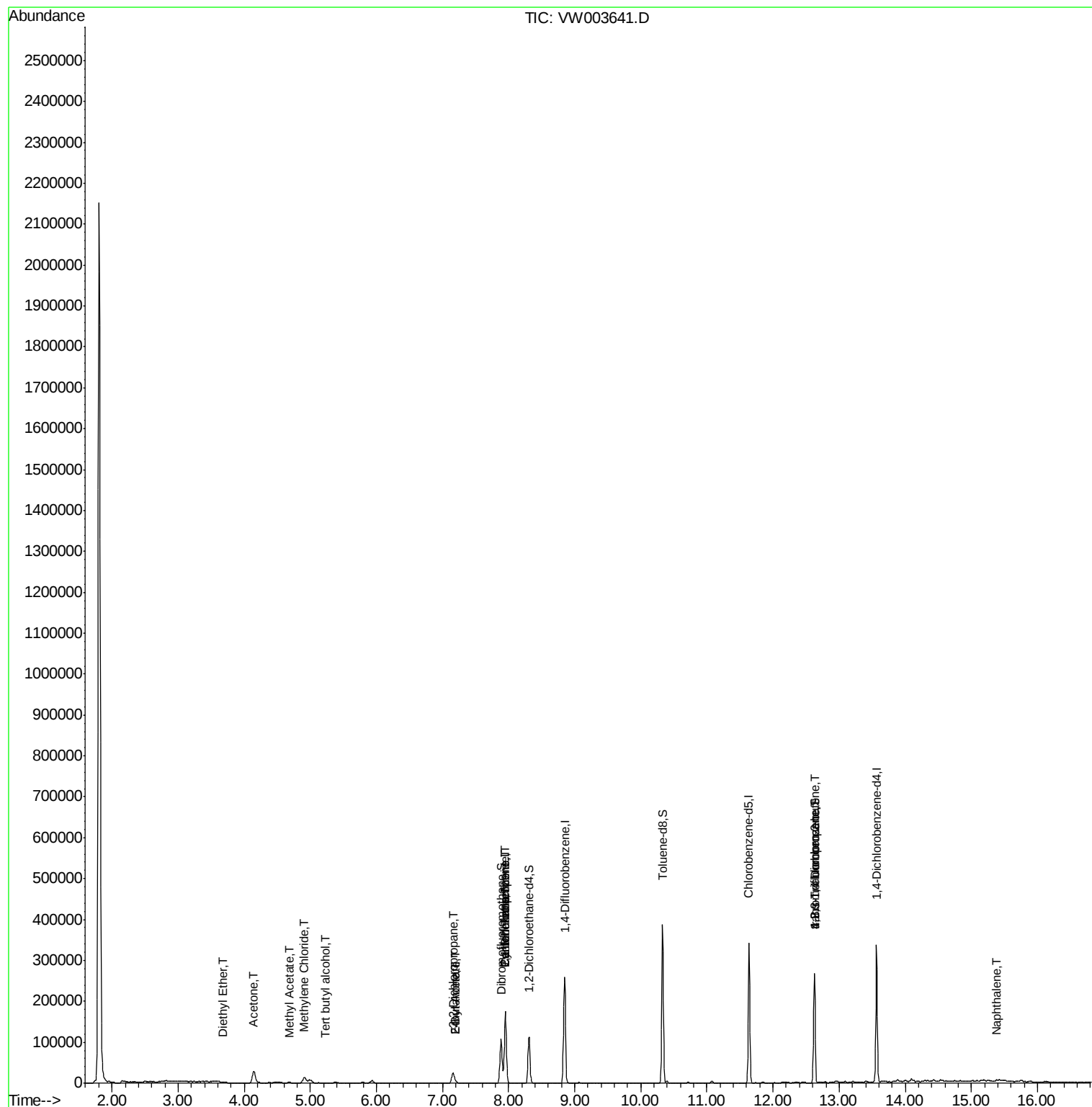
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.68	74	740	1.220	ug/l #	38
11) Tert butyl alcohol	5.24	59	139	1.933	ug/l #	84
16) Acetone	4.15	43	60060	213.548	ug/l	93
18) Methyl Acetate	4.68	43	3330	4.991	ug/l	97
20) Methylene Chloride	4.90	84	11199	6.155	ug/l	95
25) 2-Butanone	7.20	43	5402	15.446	ug/l #	80
26) 2,2-Dichloropropane	7.16	77	1728	1.116	ug/l #	53
31) Cyclohexane	7.95	56	3341	1.542	ug/l #	23
36) 1,1-Dichloropropene	7.95	75	10672	5.438	ug/l #	49
37) Ethyl Acetate	7.20	43	5402	6.644	ug/l #	69
38) Carbon Tetrachloride	7.95	117	13036	6.772	ug/l #	15
76) 1,2,3-Trichloropropane	12.63	75	44104	62.431	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	44104	143.658	ug/l #	9
95) Naphthalene	15.38	128	3298	1.150	ug/l #	96

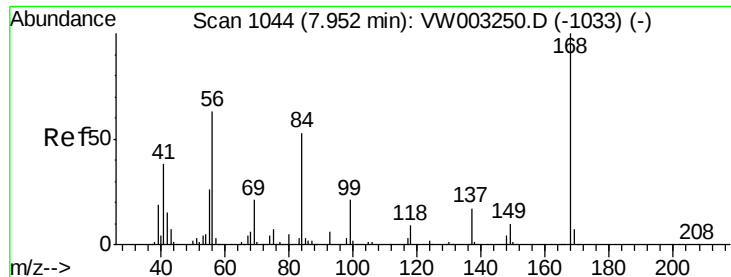
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062818\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 05:18:54 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: VW003641.D

Acq: 28 Jun 2018 16:24

Instrument :

MSVOA_W

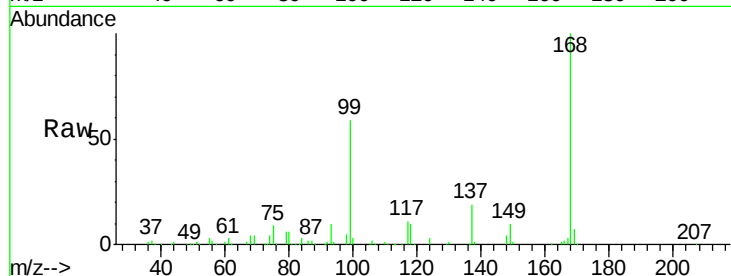
ClientSampleId :

Tot Ion:168 Resp: 123805

Ion Ratio Lower Upper

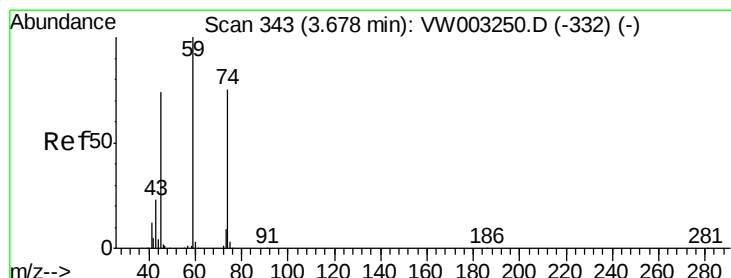
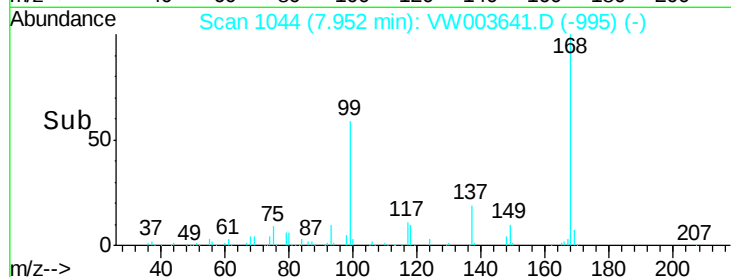
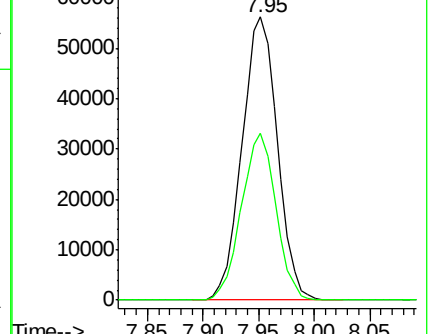
168 100

99 58.9 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 1.220 ug/l

RT: 3.68 min Scan# 343

Delta R.T. 0.00 min

Lab File: VW003641.D

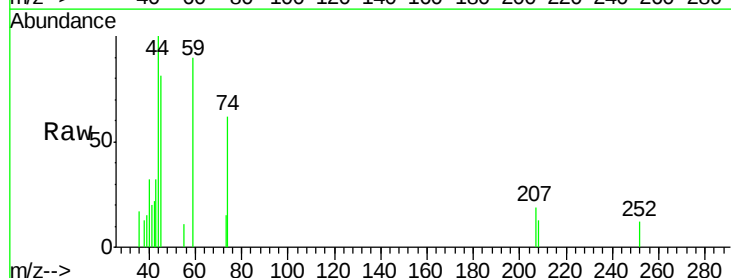
Acq: 28 Jun 2018 16:24

Tgt Ion: 74 Resp: 740

Ion Ratio Lower Upper

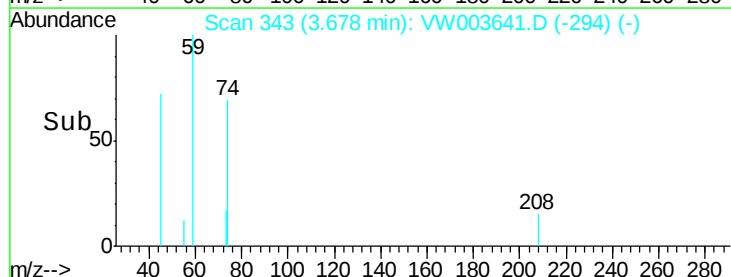
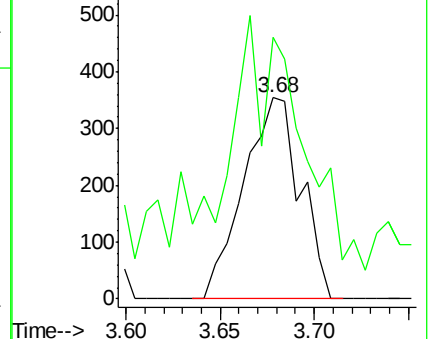
74 100

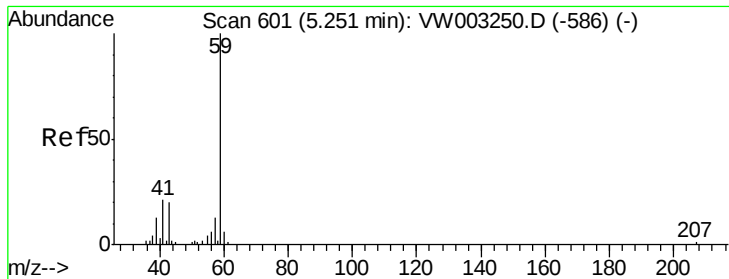
45 40.0 51.4 154.2#



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW



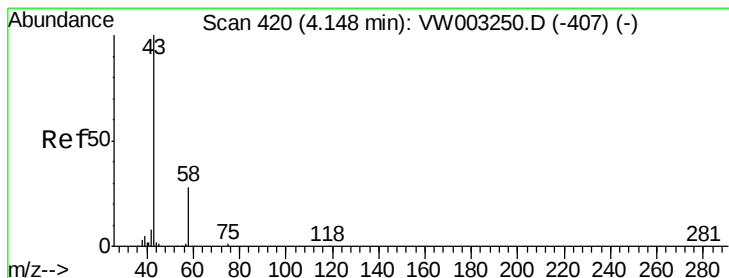
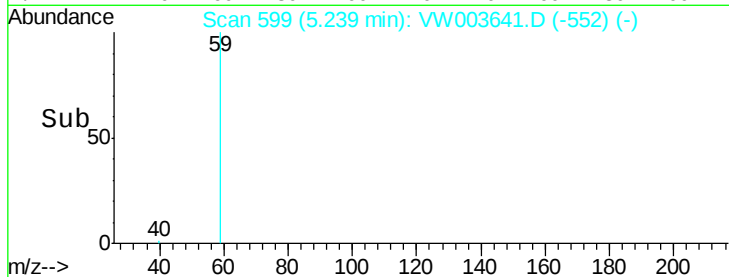
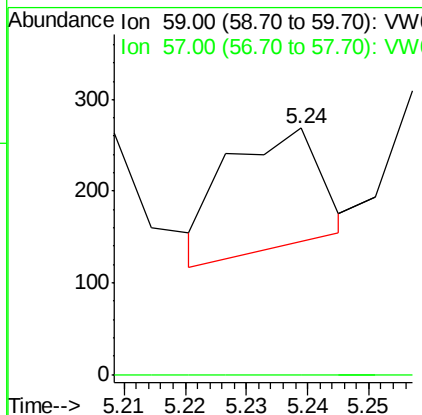
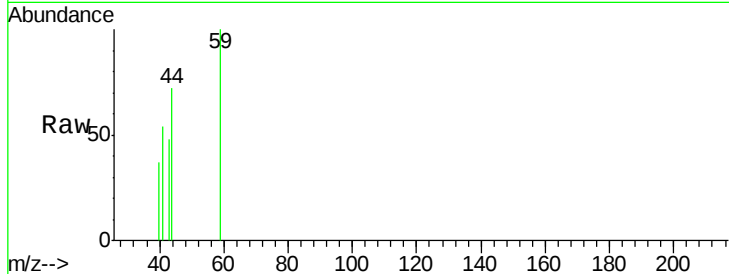


#11

Tert butyl alcohol
 Concen: 1.933 ug/l
 RT: 5.24 min Scan# 599
 Delta R.T. -0.01 min
 Lab File: VW003641.D
 Acq: 28 Jun 2018 16:24

Instrument :
 MSVOA_W
 ClientSampleId :

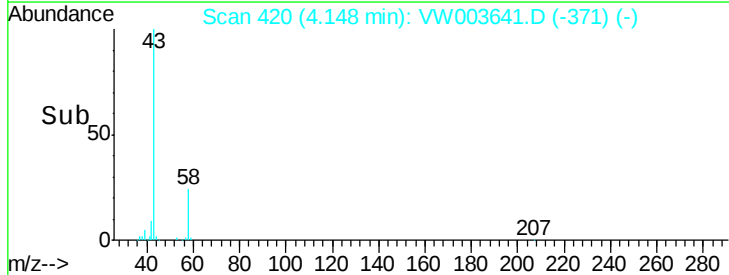
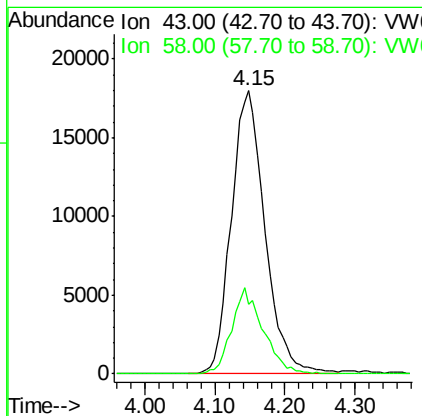
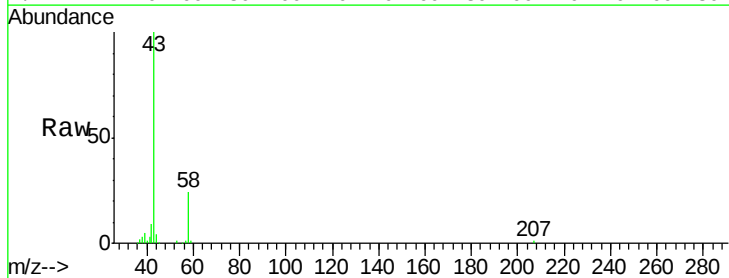
Tot Ion: 59 Resp: 139
 Ion Ratio Lower Upper
 59 100
 57 0.0 4.2 6.2#

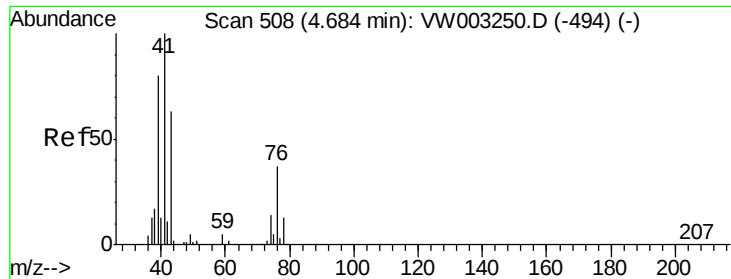


#16

Acetone
 Concen: 213.548 ug/l
 RT: 4.15 min Scan# 420
 Delta R.T. 0.00 min
 Lab File: VW003641.D
 Acq: 28 Jun 2018 16:24

Tgt Ion: 43 Resp: 60060
 Ion Ratio Lower Upper
 43 100
 58 24.4 22.6 34.0

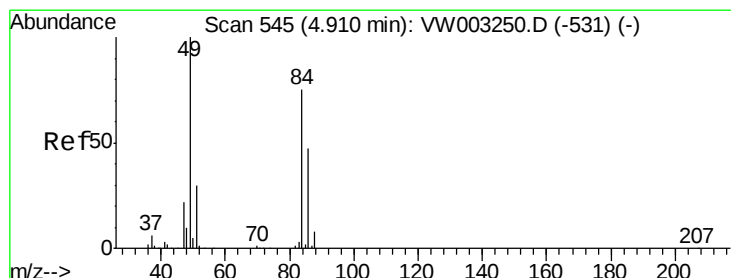
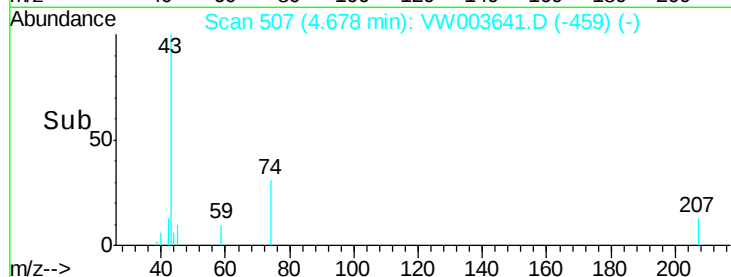
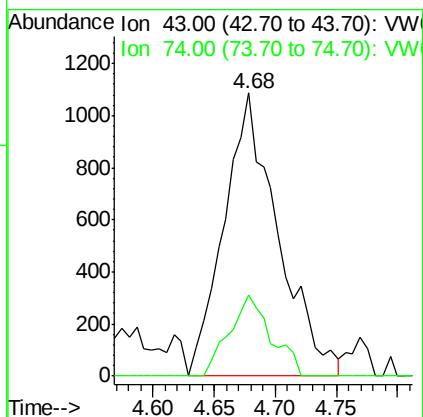
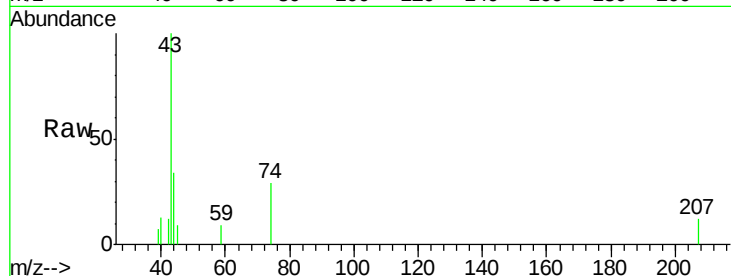




#18
Methvl Acetate
Concen: 4.991 ug/l
RT: 4.68 min Scan# 507
Delta R.T. -0.01 min
Lab File: VW003641.D
Acq: 28 Jun 2018 16:24

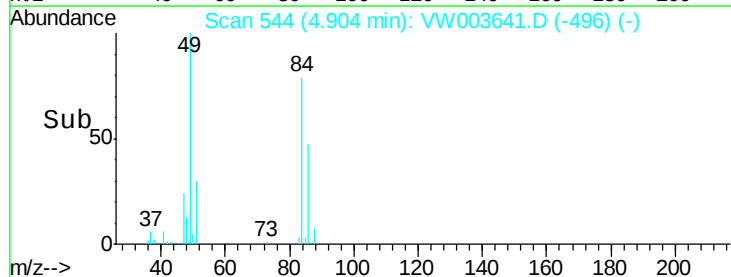
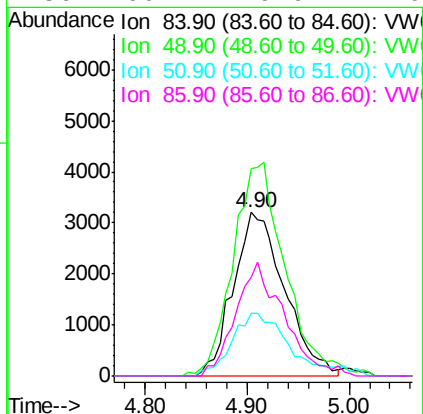
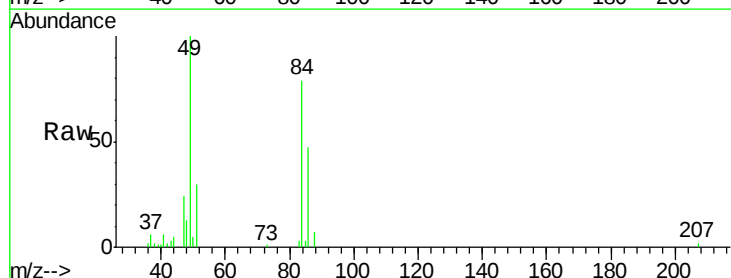
Instrument :
MSVOA_W
ClientSampleId :

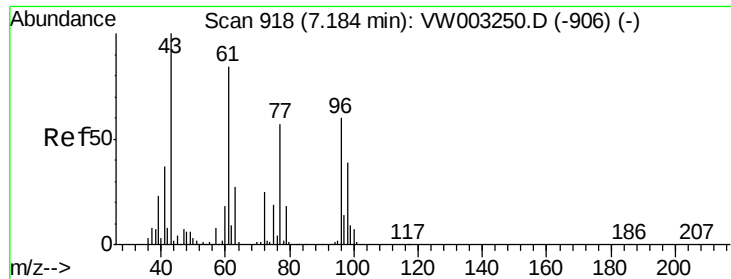
Tot Ion: 43 Resp: 3330
Ion Ratio Lower Upper
43 100
74 22.0 18.7 28.1



#20
Methylene Chloride
Concen: 6.155 ug/l
RT: 4.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW003641.D
Acq: 28 Jun 2018 16:24

Tgt Ion: 84 Resp: 11199
Ion Ratio Lower Upper
84 100
49 124.4 106.3 159.5
51 38.5 32.0 48.0
86 60.1 49.9 74.9





#25

2-Butanone

Concen: 15.446 ug/l

RT: 7.20 min Scan# 920

Delta R.T. 0.01 min

Lab File: VW003641.D

Acq: 28 Jun 2018 16:24

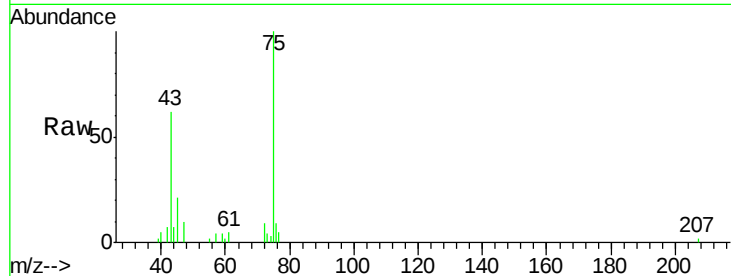
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 5402

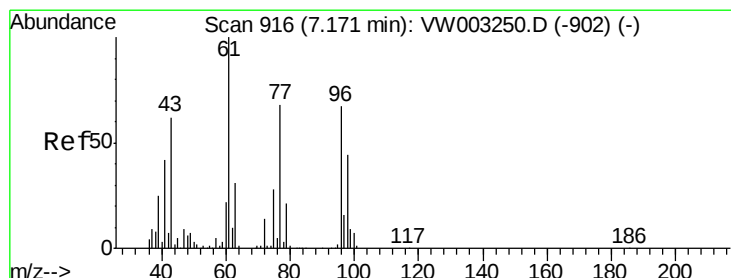
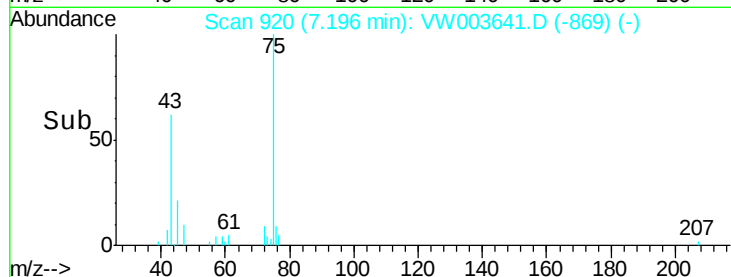
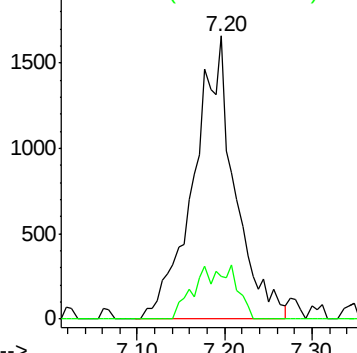
Ion Ratio Lower Upper

43 100

72 15.1 20.3 30.5#



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



#26

2,2-Dichloropropane

Concen: 1.116 ug/l

RT: 7.16 min Scan# 914

Delta R.T. -0.01 min

Lab File: VW003641.D

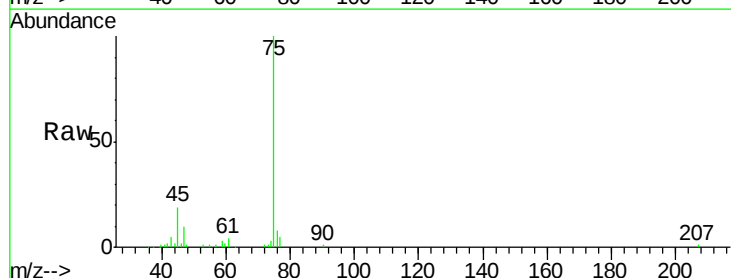
Acq: 28 Jun 2018 16:24

Tgt Ion: 77 Resp: 1728

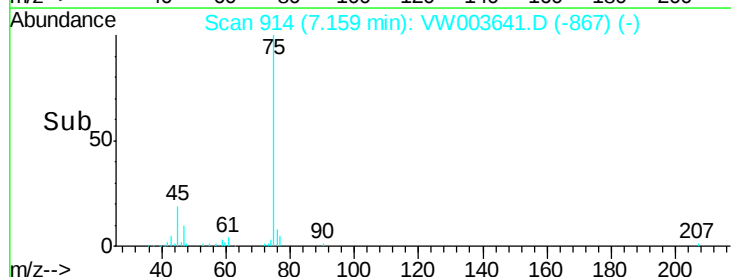
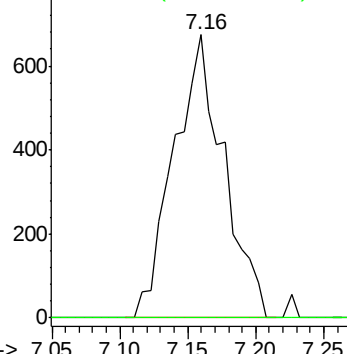
Ion Ratio Lower Upper

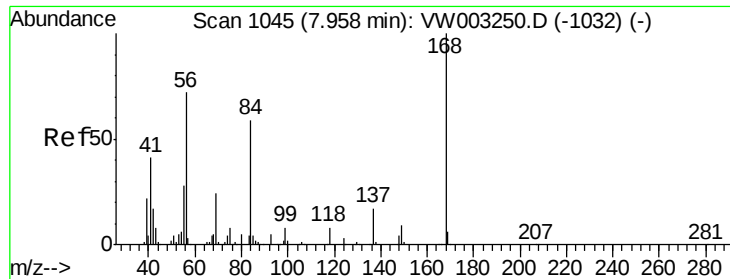
77 100

97 0.0 11.3 33.9#



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

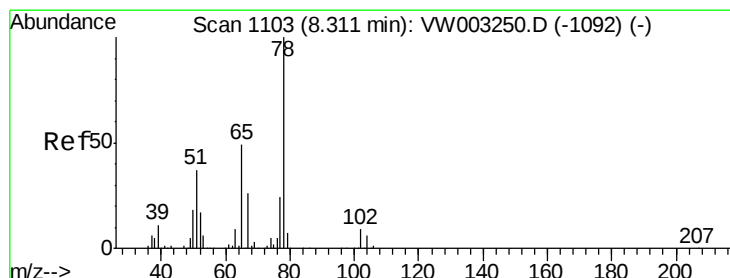
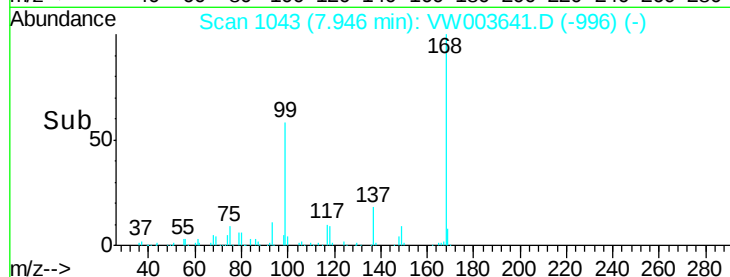
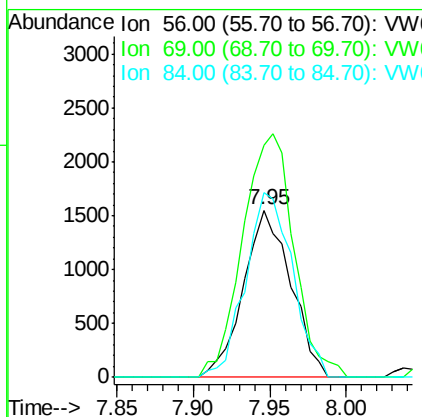
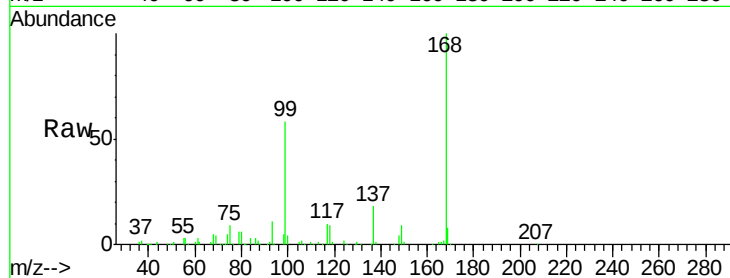




#31
Cyclohexane
Concen: 1.542 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.01 min
Lab File: VW003641.D
Acq: 28 Jun 2018 16:24

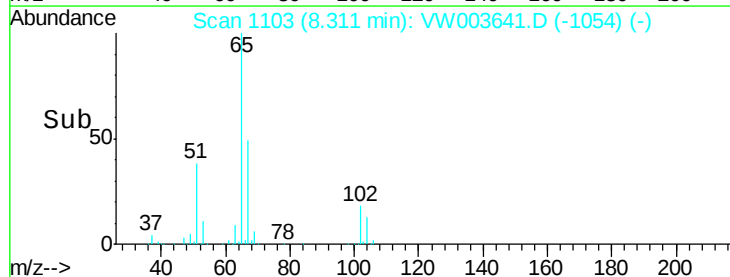
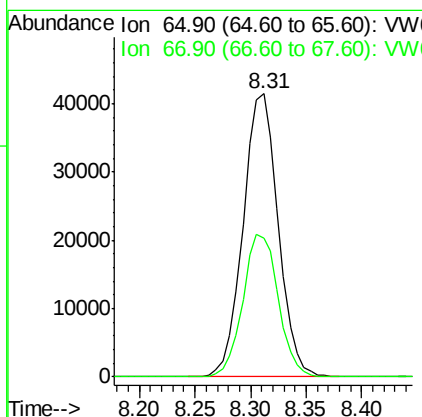
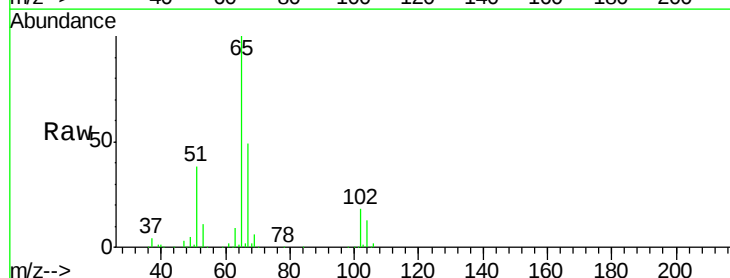
Instrument :
MSVOA_W
ClientSampleId :

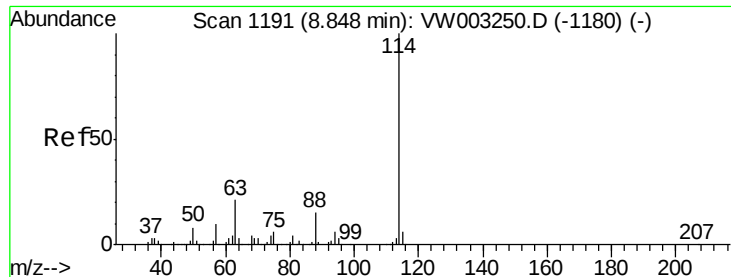
Tot Ion: 56 Resp: 3341
Ion Ratio Lower Upper
56 100
69 139.3 26.3 39.5#
84 110.8 65.7 98.5#



#33
1,2-Dichloroethane-d4
Concen: 67.911 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. 0.00 min
Lab File: VW003641.D
Acq: 28 Jun 2018 16:24

Tgt Ion: 65 Resp: 91068
Ion Ratio Lower Upper
65 100
67 51.0 0.0 104.2

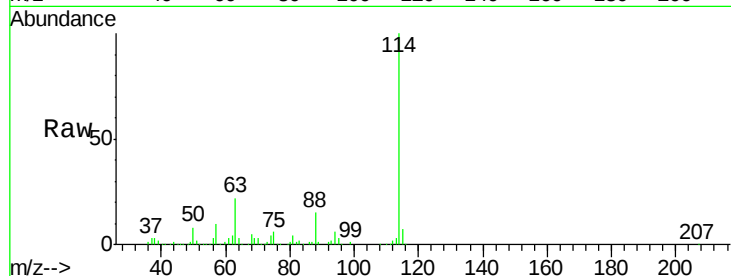




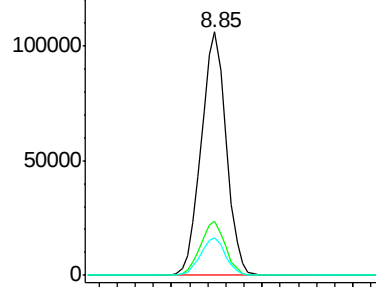
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003641.D
 Acq: 28 Jun 2018 16:24

Instrument :
 MSVOA_W
 ClientSampled :

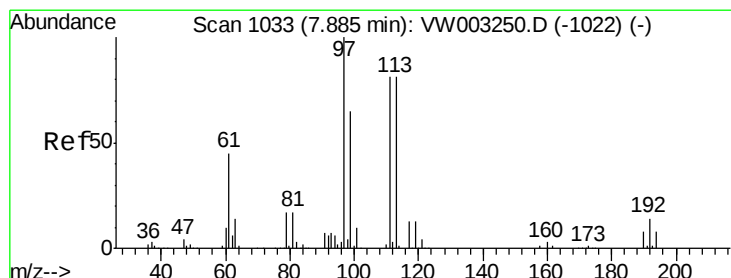
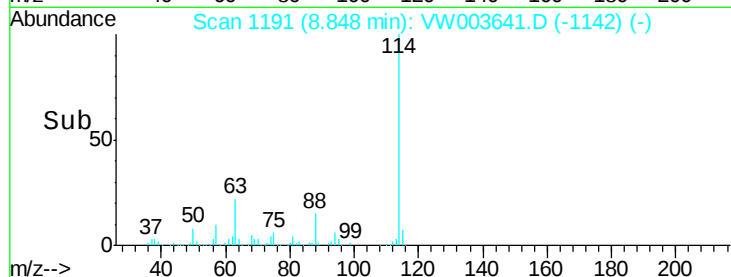
Tot Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	43.0
88	15.2	0.0	29.6



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

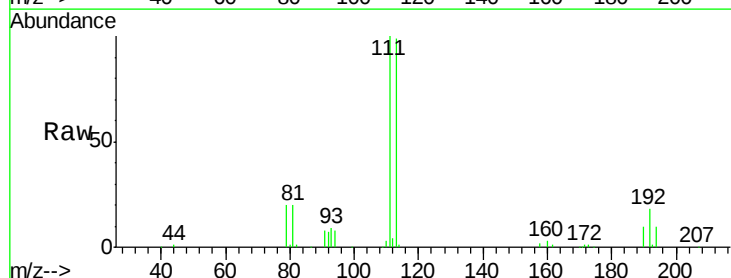


Time-->

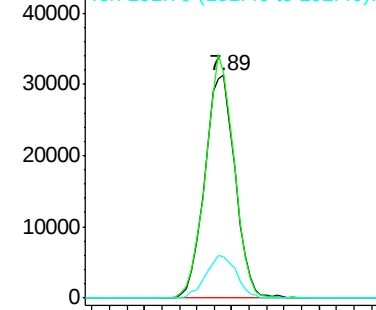


#35
 Dibromofluoromethane
 Concen: 59.856 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW003641.D
 Acq: 28 Jun 2018 16:24

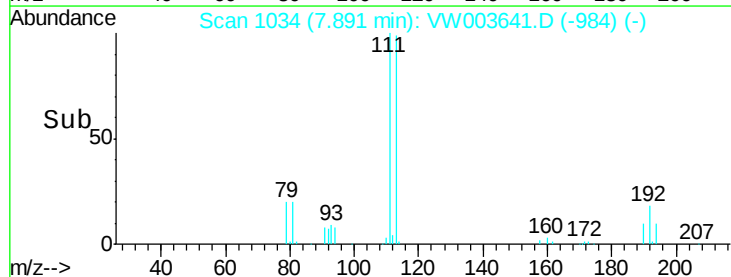
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.2	123.2
192	19.1	16.2	24.2

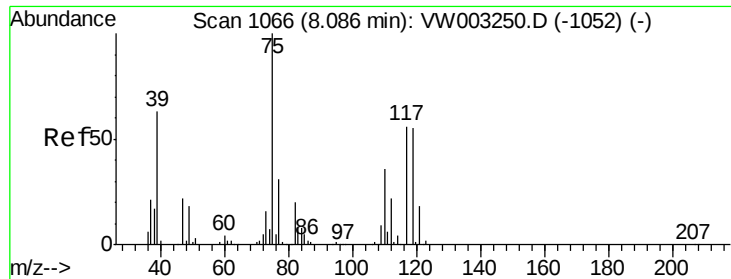


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V



Time-->





#36

1,1-Dichloropropene

Concen: 5.438 ug/l

RT: 7.95 min Scan# 1044

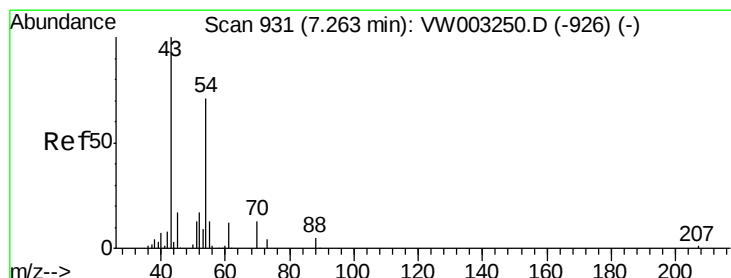
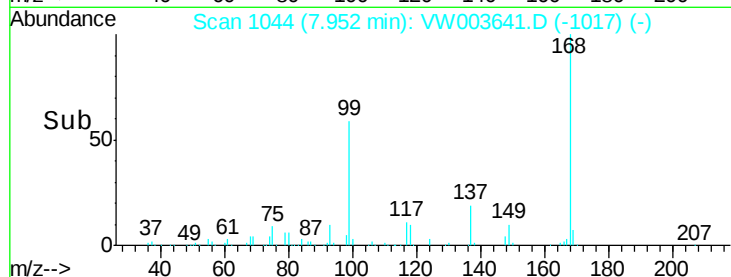
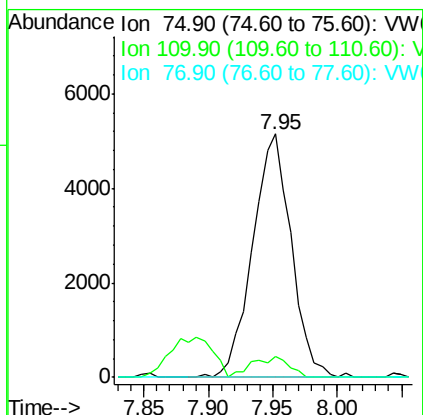
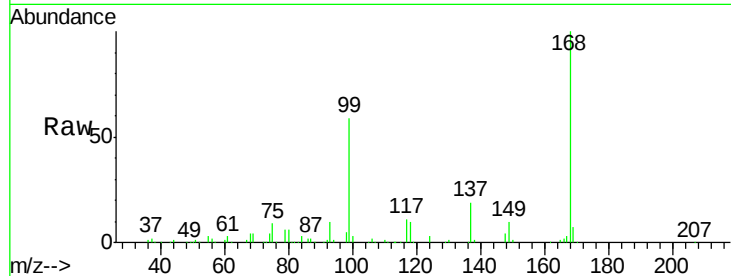
Delta R.T. -0.13 min

Lab File: VW003641.D

Acq: 28 Jun 2018 16:24

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 75 Resp: 10672
Ion Ratio Lower Upper
75 100
110 7.6 17.1 51.3#
77 0.0 24.9 37.3#



#37

Ethyl Acetate

Concen: 6.644 ug/l

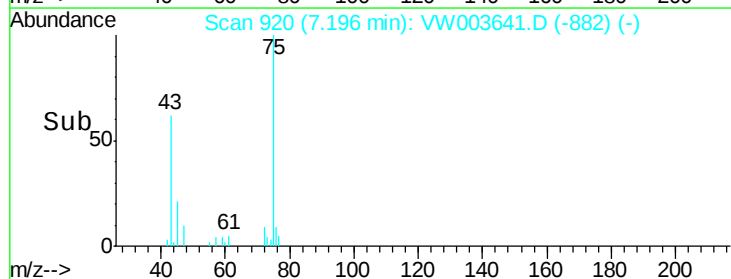
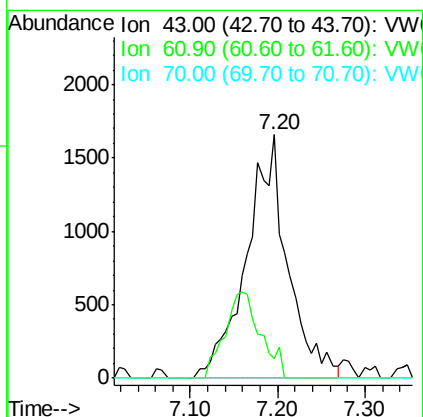
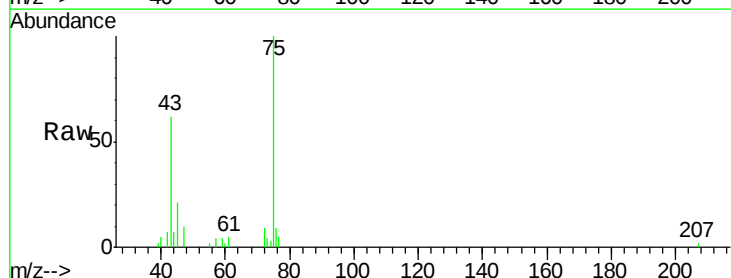
RT: 7.20 min Scan# 920

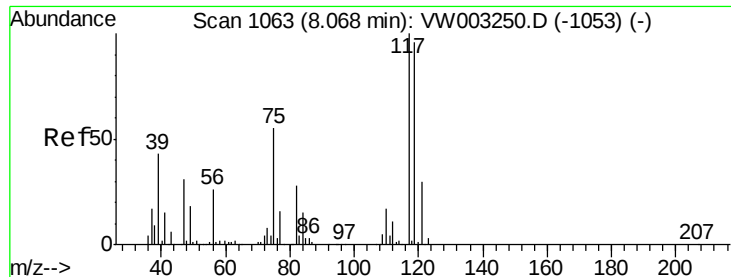
Delta R.T. -0.07 min

Lab File: VW003641.D

Acq: 28 Jun 2018 16:24

Tgt Ion: 43 Resp: 5402
Ion Ratio Lower Upper
43 100
61 0.0 10.8 16.2#
70 0.0 7.8 11.6#





#38

Carbon Tetrachloride

Concen: 6.772 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW003641.D

Acq: 28 Jun 2018 16:24

Instrument :

MSVOA_W

ClientSampled :

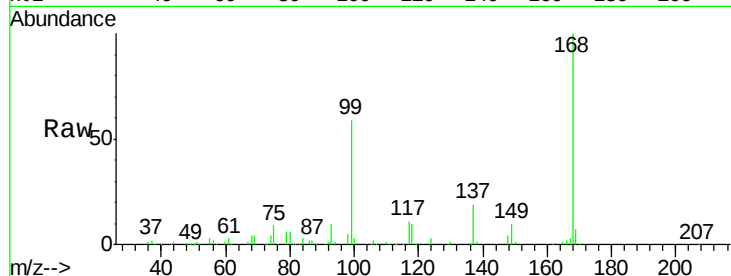
Tot Ion:117 Resp: 13036

Ion Ratio Lower Upper

117 100

119 3.5 76.6 115.0#

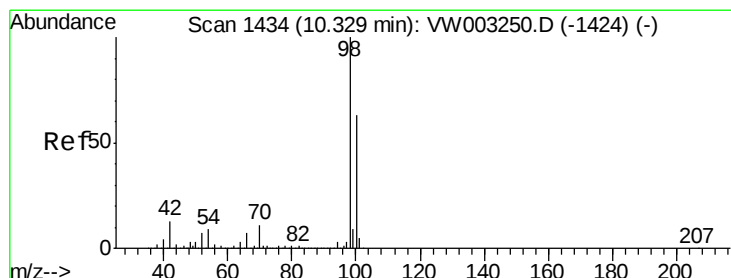
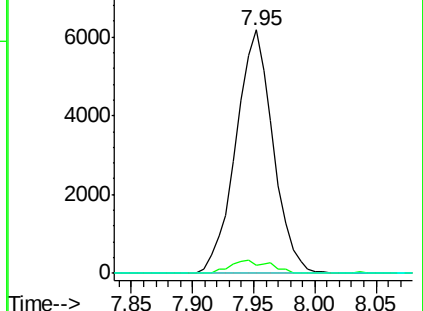
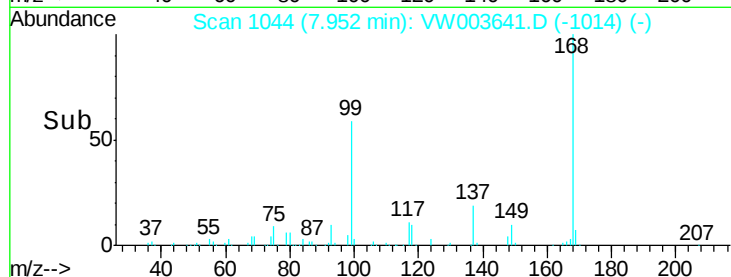
121 0.0 23.9 35.9#



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: 49.555 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW003641.D

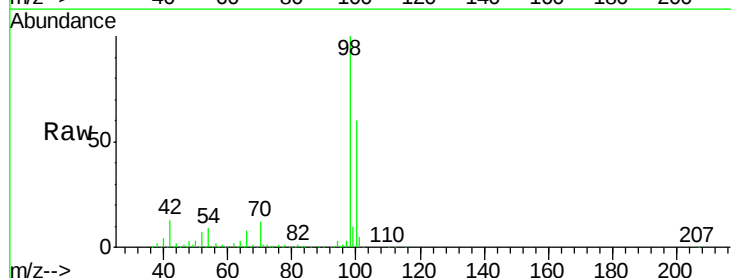
Acq: 28 Jun 2018 16:24

Tgt Ion: 98 Resp: 248127

Ion Ratio Lower Upper

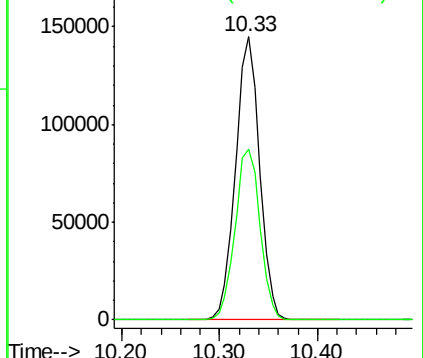
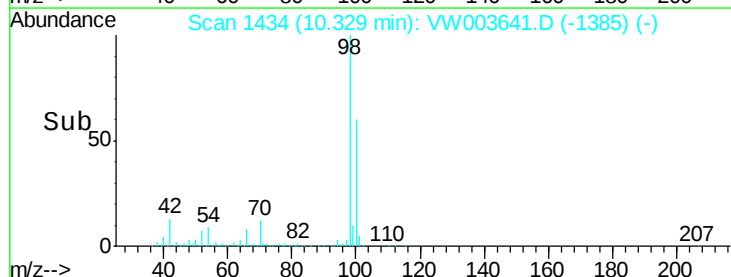
98 100

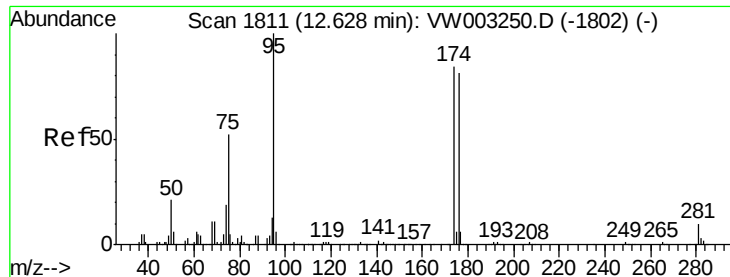
100 62.5 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

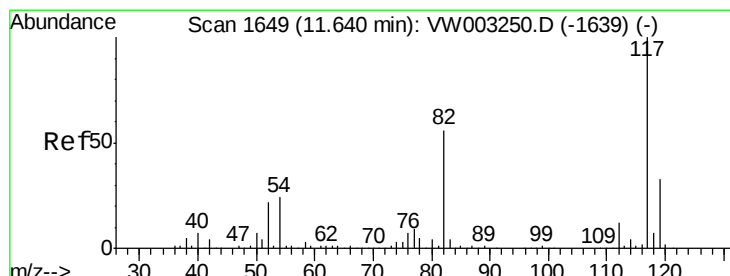
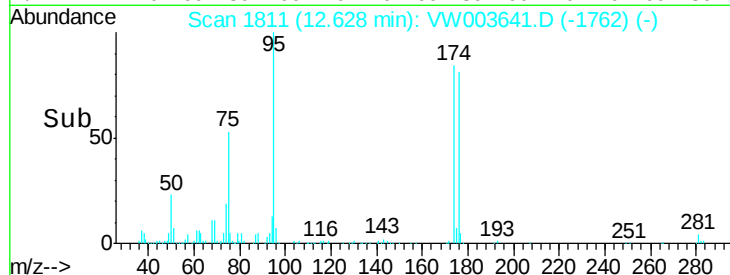
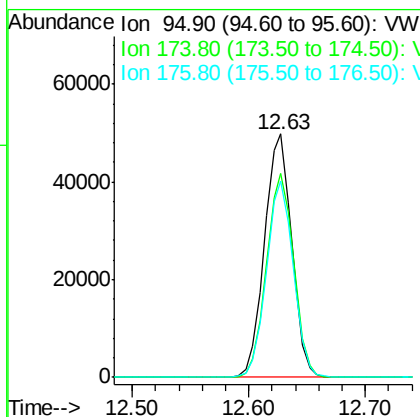
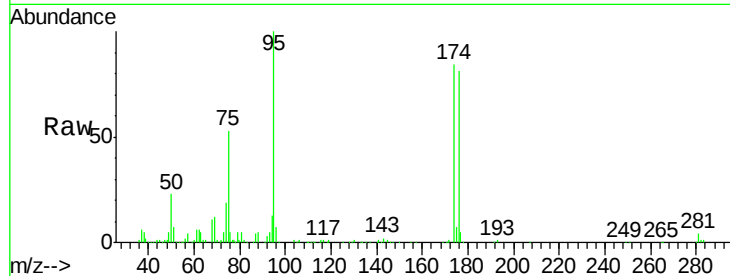




#62
4-Bromofluorobenzene
Concen: 45.301 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. 0.00 min
Lab File: VW003641.D
Acq: 28 Jun 2018 16:24

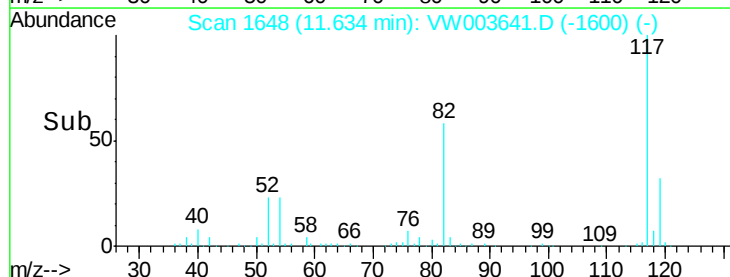
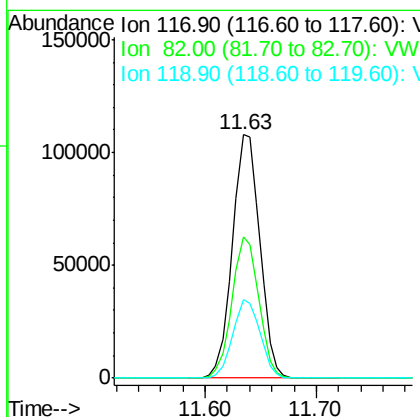
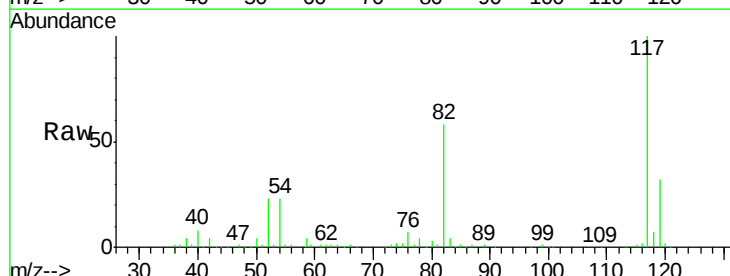
Instrument :
MSVOA_W
ClientSampleId :

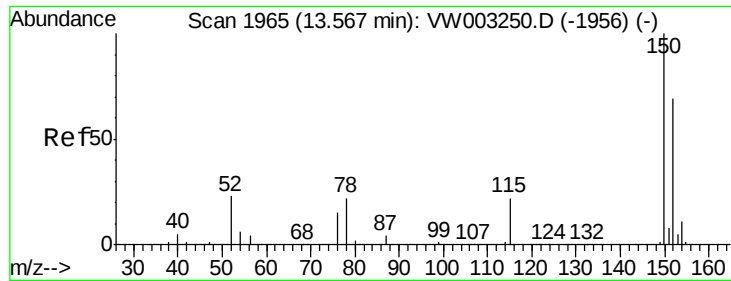
Tot Ion: 95 Resp: 80273
Ion Ratio Lower Upper
95 100
174 83.5 0.0 166.4
176 79.1 0.0 162.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW003641.D
Acq: 28 Jun 2018 16:24

Tgt Ion: 117 Resp: 183994
Ion Ratio Lower Upper
117 100
82 57.8 44.6 67.0
119 32.2 26.7 40.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW003641.D

Acq: 28 Jun 2018 16:24

Instrument :

MSVOA_W

ClientSampleId :

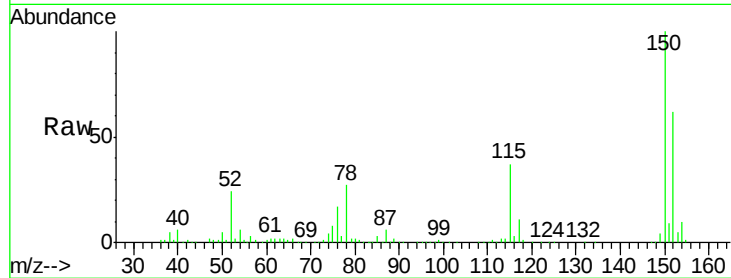
Tot Ion:152 Resp: 82636

Ion Ratio Lower Upper

152 100

115 58.2 29.3 88.0

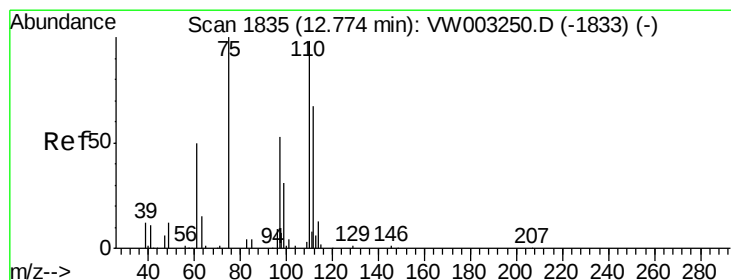
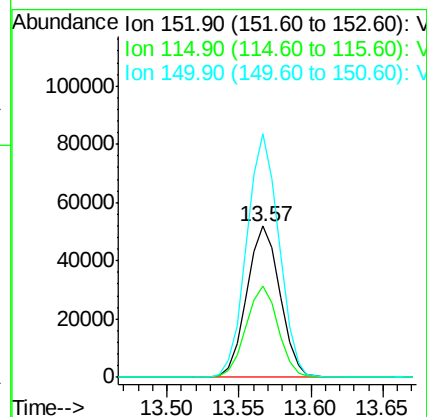
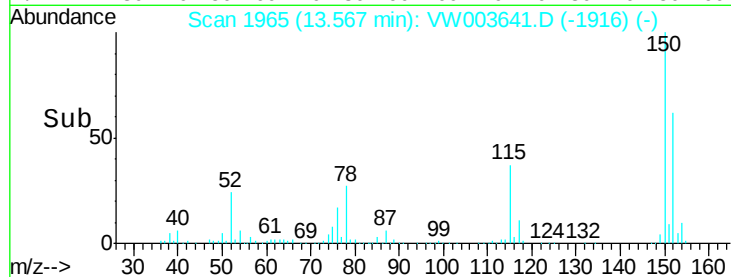
150 156.7 0.0 349.6



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: 62.431 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.15 min

Lab File: VW003641.D

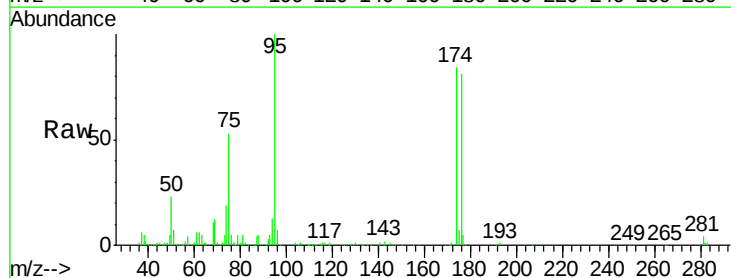
Acq: 28 Jun 2018 16:24

Tgt Ion: 75 Resp: 44104

Ion Ratio Lower Upper

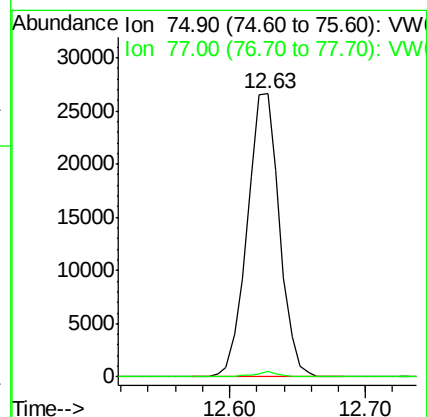
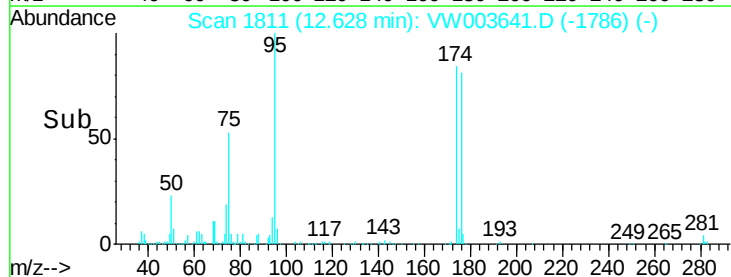
75 100

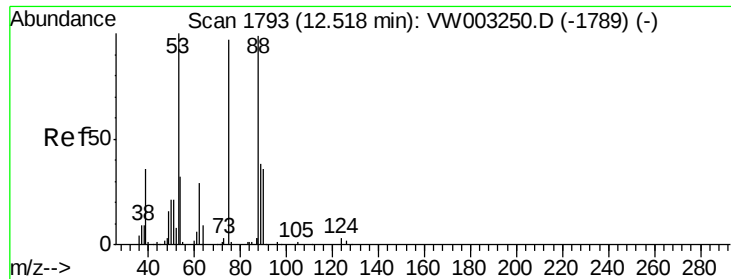
77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

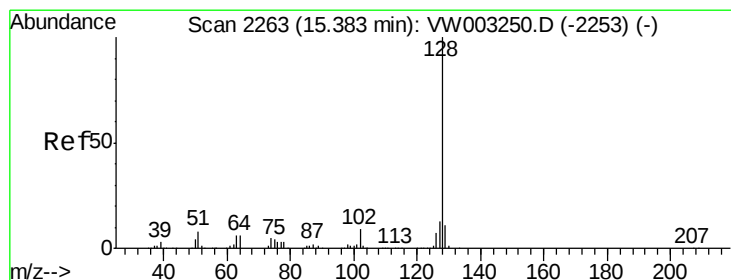
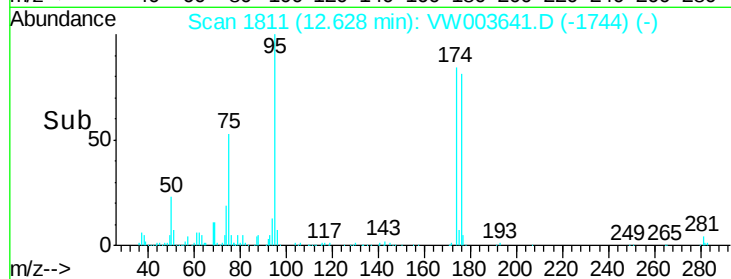
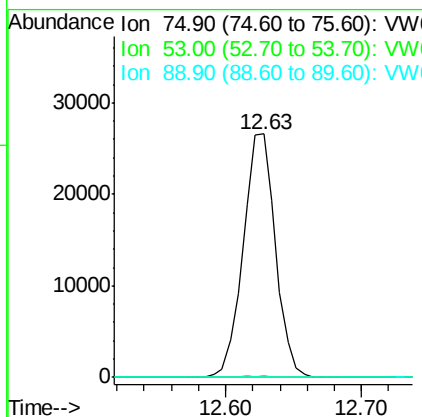
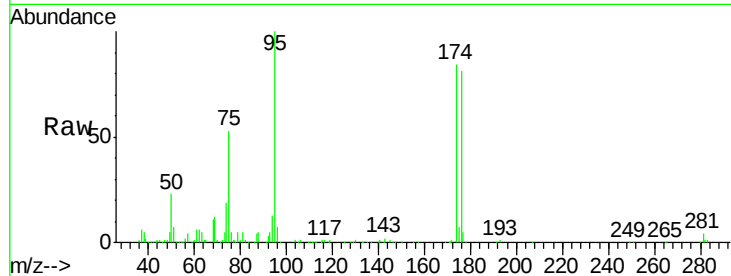




#81
trans-1,4-Dichloro-2-butene
Concen: 143.658 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. 0.11 min
Lab File: VW003641.D
Acq: 28 Jun 2018 16:24

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 75 Resp: 44104
Ion Ratio Lower Upper
75 100
53 0.4 82.9 124.3#
89 0.0 36.7 55.1#



#95
Naphthalene
Concen: 1.150 ug/l
RT: 15.38 min Scan# 2263
Delta R.T. 0.00 min
Lab File: VW003641.D
Acq: 28 Jun 2018 16:24

Tgt Ion:128 Resp: 3298
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 14.1 8.9 13.3#

