

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101618\
 Data File : VW006072.D
 Acq On : 16 Oct 2018 12:16
 Operator : VA/AP
 Sample : VW1016SBL01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1016SBL01

Quant Time: Oct 16 14:44:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 16 05:36:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	316173	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	439639	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	392441	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	209446	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	115328	44.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.00%	
35) Dibromofluoromethane	7.88	113	122182	47.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.06%	
50) Toluene-d8	10.33	98	470077	47.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.12%	
62) 4-Bromofluorobenzene	12.62	95	168227	45.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.64%	

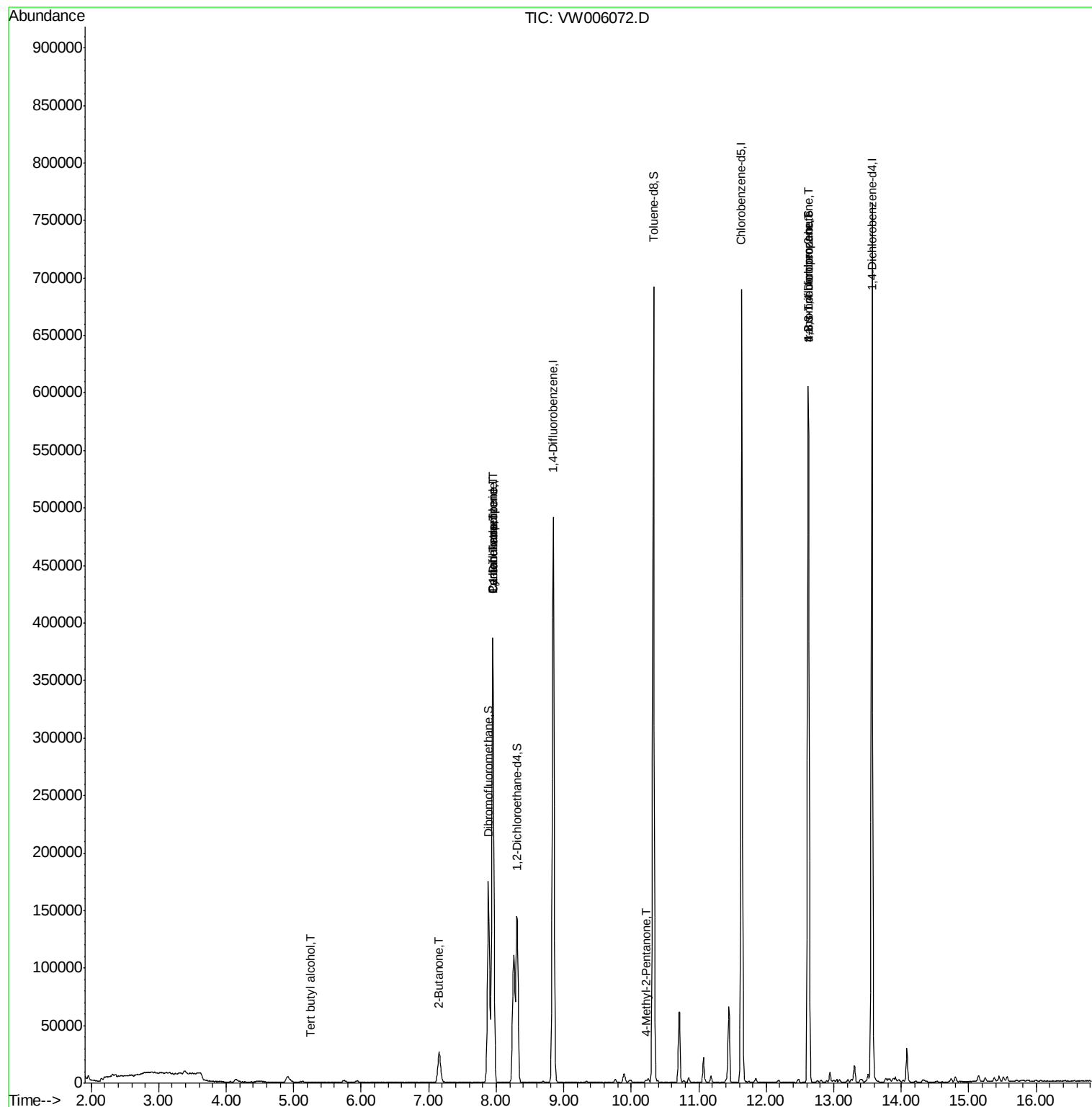
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.24	59	320	1.82	ug/l	# 71
16) Acetone	4.15	43	4879	Below	Cal	# 93
20) Methylene Chloride	4.90	84	4035	Below	Cal	# 81
25) 2-Butanone	7.14	43	1939	2.74	ug/l	# 67
31) Cyclohexane	7.95	56	6165	1.29	ug/l	# 17
36) 1,1-Dichloropropene	7.95	75	20549	5.07	ug/l	# 48
38) Carbon Tetrachloride	7.95	117	27656	6.23	ug/l	# 16
51) 4-Methyl-2-Pentanone	10.22	43	1807	1.17	ug/l	# 78
76) 1,2,3-Trichloropropane	12.62	75	86689	54.19	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.62	75	86689	129.53	ug/l	# 10

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

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ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1016SBL01

Quant Time: Oct 16 14:44:33 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 16 05:36:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006072.D

Acq: 16 Oct 2018 12:16

Instrument :

MSVOA_W

ClientSampleId :

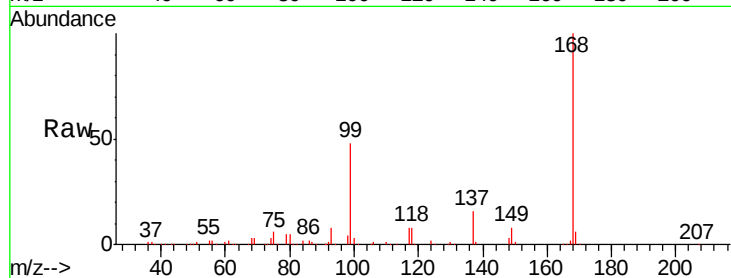
VW1016SBL01

Tgt Ion:168 Resp: 316173

Ion Ratio Lower Upper

168 100

99 47.7 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

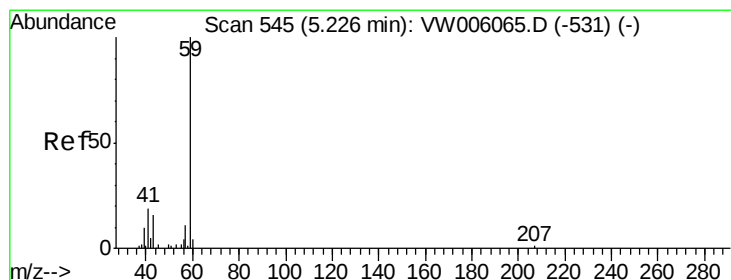
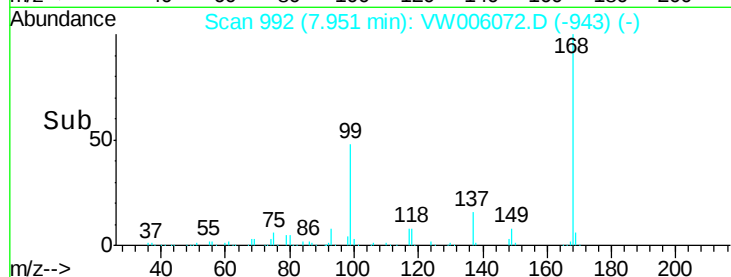
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 1.82 ug/l

RT: 5.24 min Scan# 548

Delta R.T. 0.02 min

Lab File: VW006072.D

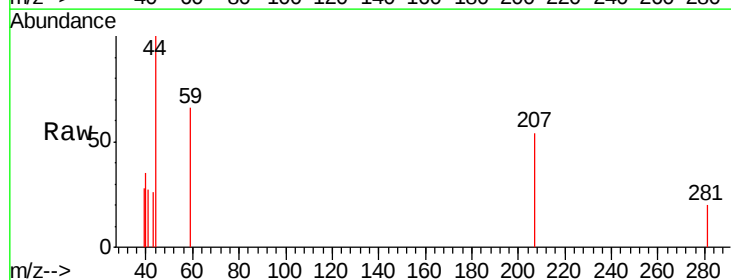
Acq: 16 Oct 2018 12:16

Tgt Ion: 59 Resp: 320

Ion Ratio Lower Upper

59 100

57 0.0 8.7 13.1#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.24

250

200

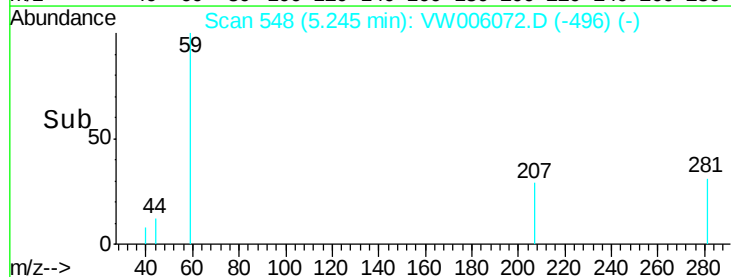
150

100

50

0

Time-->





#16

Acetone

Concen: Below Cal

RT: 4.15 min Scan# 368

Delta R.T. 0.00 min

Lab File: VW006072.D

Acq: 16 Oct 2018 12:16

Instrument :

MSVOA_W

ClientSampleId :

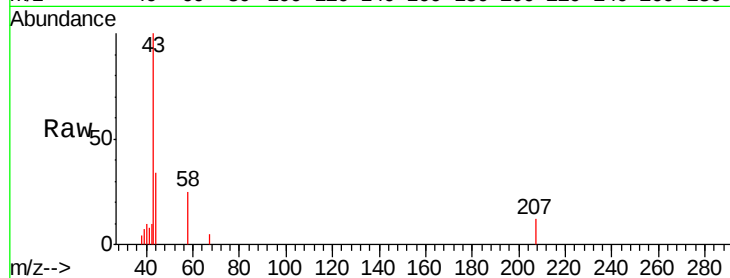
VW1016SBL01

Tgt Ion: 43 Resp: 4879

Ion Ratio Lower Upper

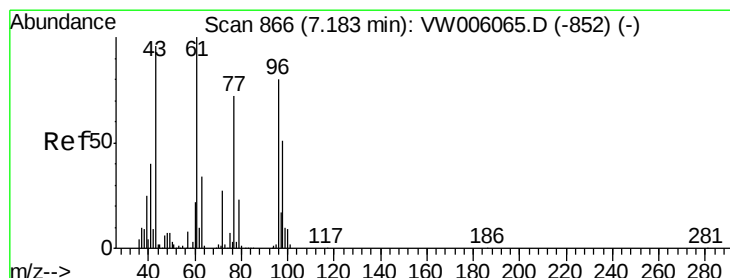
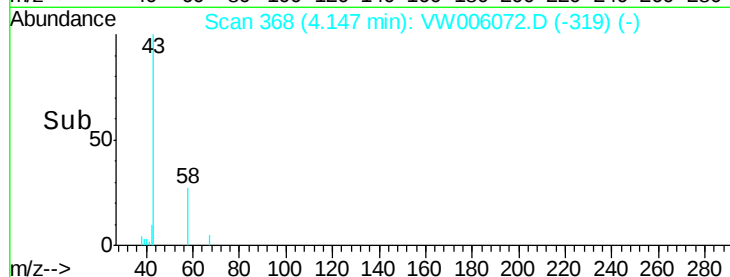
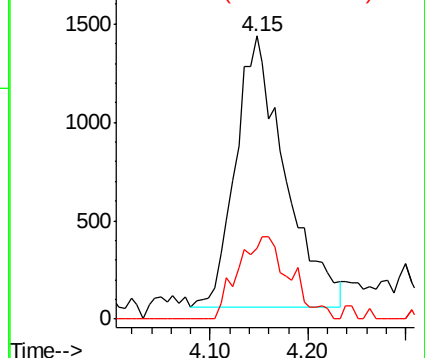
43 100

58 26.2 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#25

2-Butanone

Concen: 2.74 ug/l

RT: 7.14 min Scan# 859

Delta R.T. -0.04 min

Lab File: VW006072.D

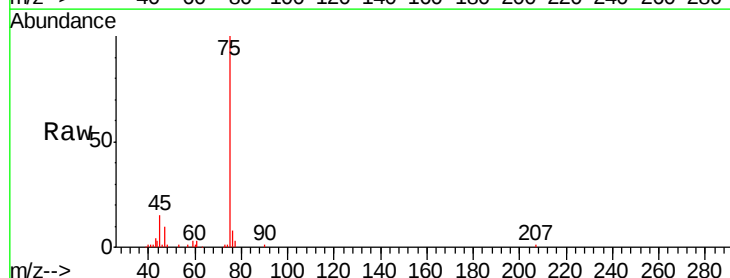
Acq: 16 Oct 2018 12:16

Tgt Ion: 43 Resp: 1939

Ion Ratio Lower Upper

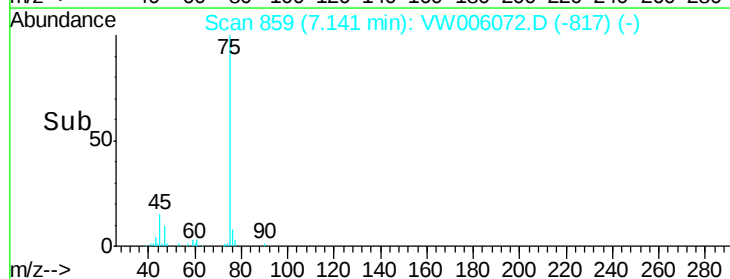
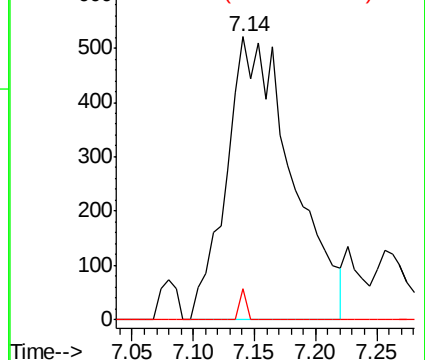
43 100

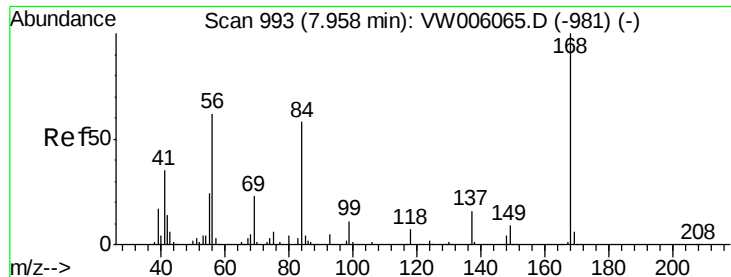
72 11.1 22.8 34.2#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

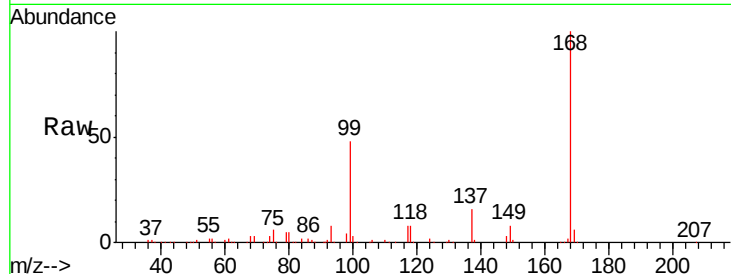




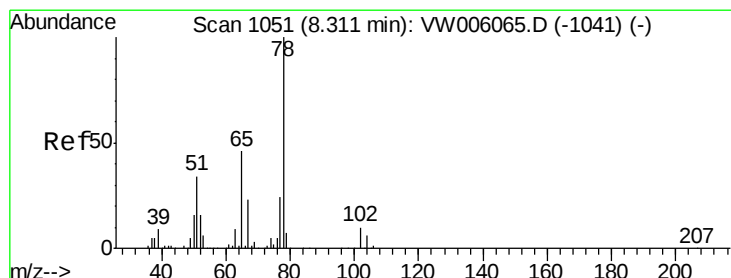
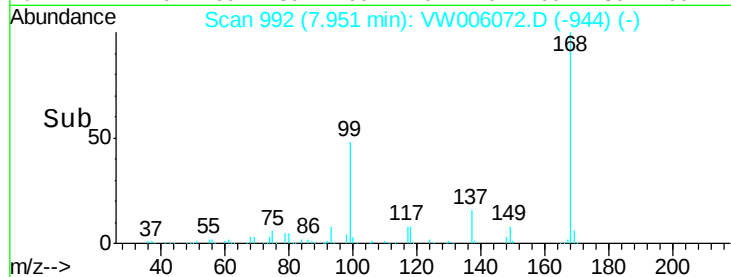
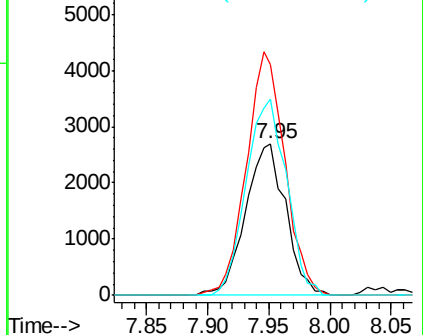
#31
Cyclohexane
Concen: 1.29 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006072.D
Acq: 16 Oct 2018 12:16

Instrument :
MSVOA_W
ClientSampleId :
VW1016SBL01

Tgt Ion: 56 Resp: 6165
Ion Ratio Lower Upper
56 100
69 152.4 29.4 44.0#
84 129.4 74.0 111.0#

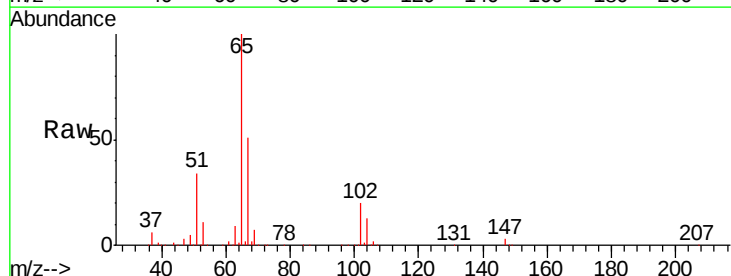


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

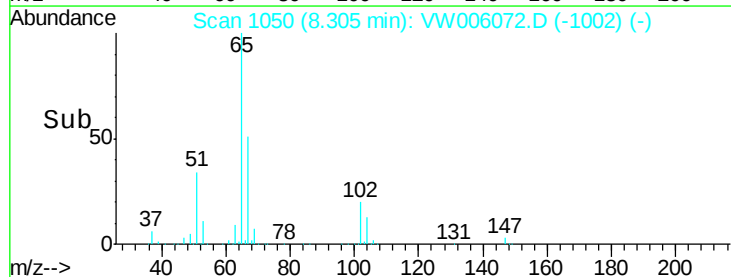
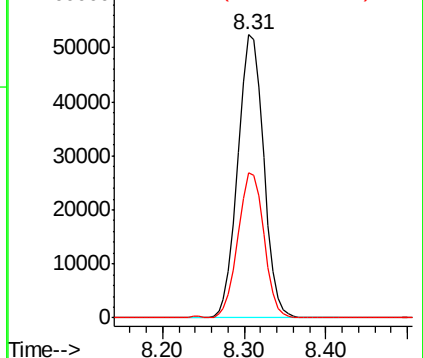


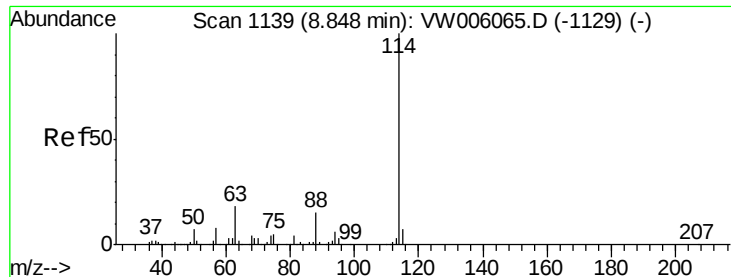
#33
1,2-Dichloroethane-d4
Concen: 44.00 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VW006072.D
Acq: 16 Oct 2018 12:16

Tgt Ion: 65 Resp: 115328
Ion Ratio Lower Upper
65 100
67 51.4 0.0 101.0



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

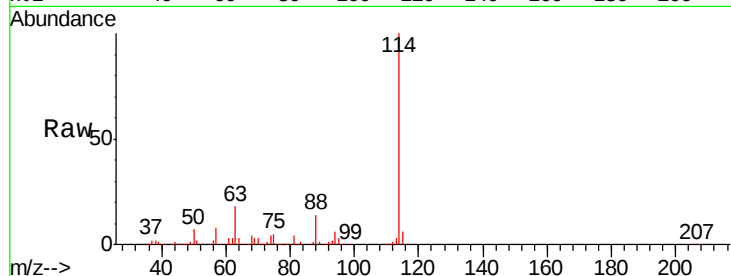




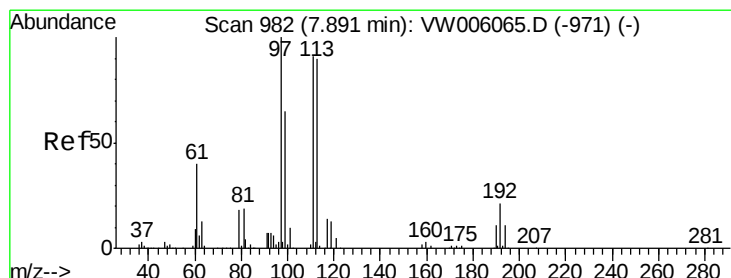
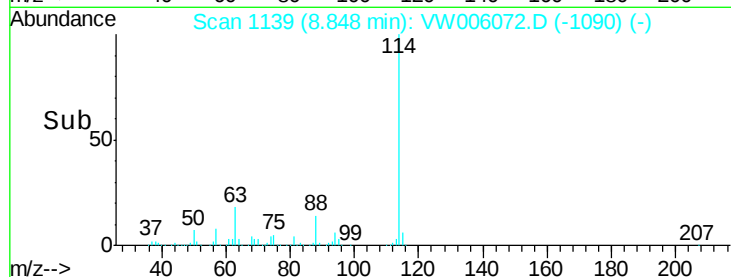
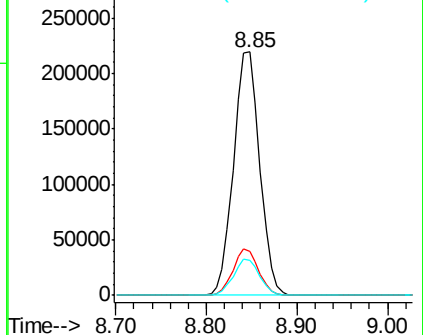
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006072.D
 Acq: 16 Oct 2018 12:16

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1016SBL01

Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.8	0.0	36.8
88	14.2	0.0	29.0

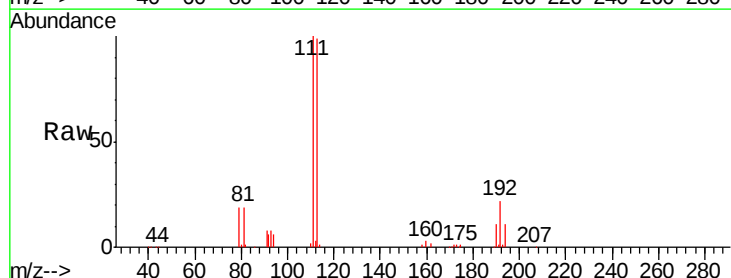


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

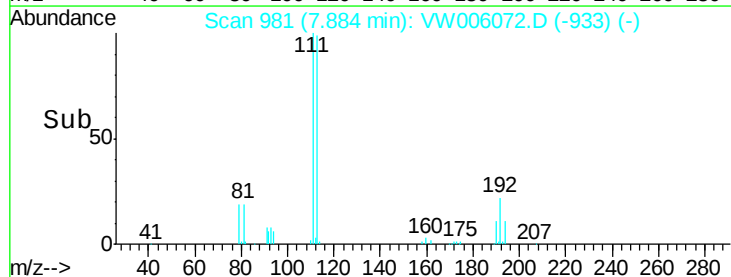
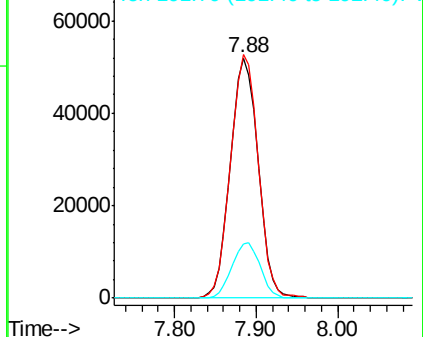


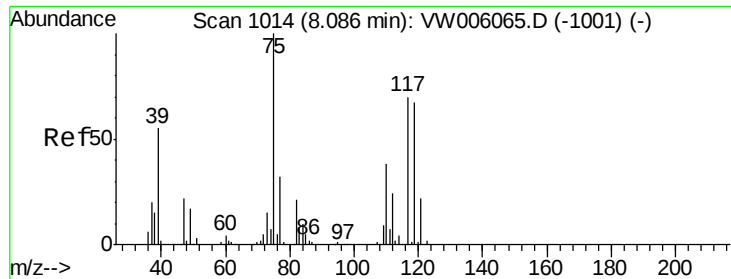
#35
 Dibromofluoromethane
 Concen: 47.03 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006072.D
 Acq: 16 Oct 2018 12:16

Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.9	81.4	122.0
192	23.2	18.7	28.1



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

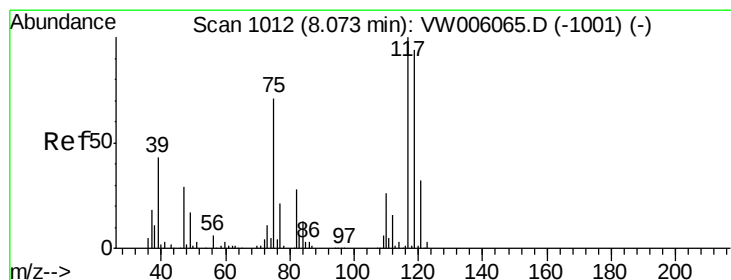
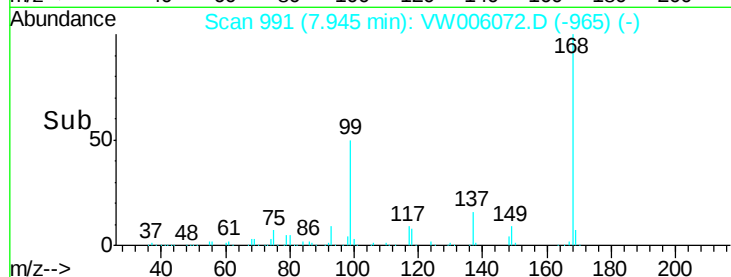
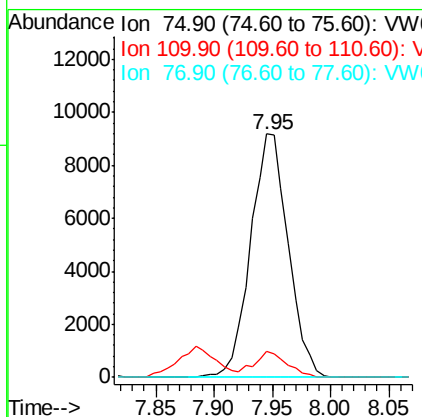
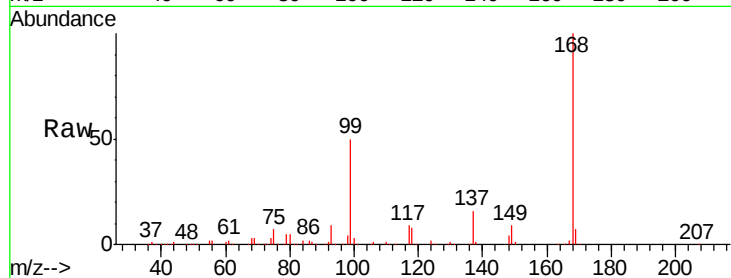




#36
 1,1-Dichloropropene
 Concen: 5.07 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW006072.D
 Acq: 16 Oct 2018 12:16

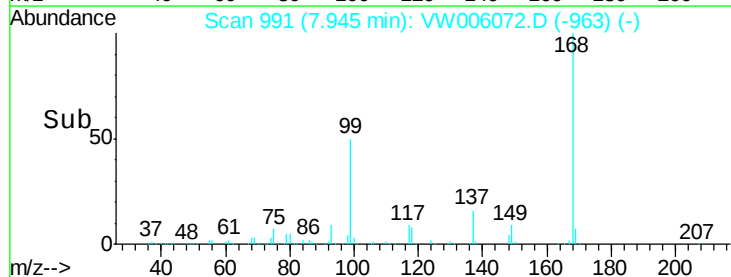
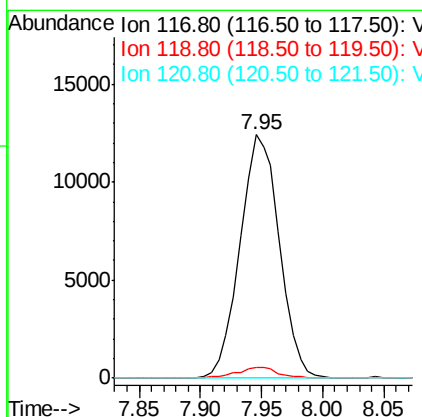
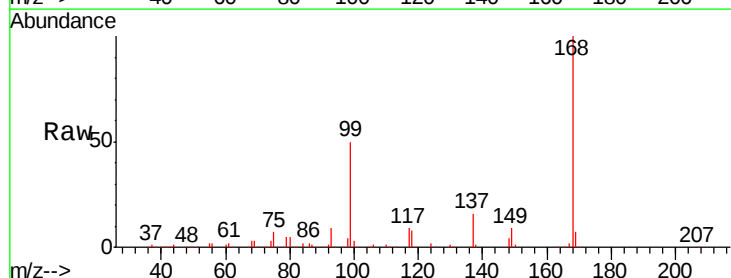
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1016SBL01

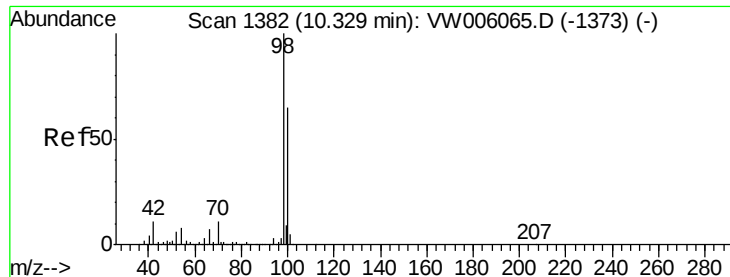
Tgt Ion: 75 Resp: 20549
 Ion Ratio Lower Upper
 75 100
 110 9.2 19.1 57.1#
 77 0.0 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 6.23 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW006072.D
 Acq: 16 Oct 2018 12:16

Tgt Ion: 117 Resp: 27656
 Ion Ratio Lower Upper
 117 100
 119 4.4 75.2 112.8#
 121 0.0 25.3 37.9#





#50

Toluene-d8

Concen: 47.56 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006072.D

Acq: 16 Oct 2018 12:16

Instrument :

MSVOA_W

ClientSampleId :

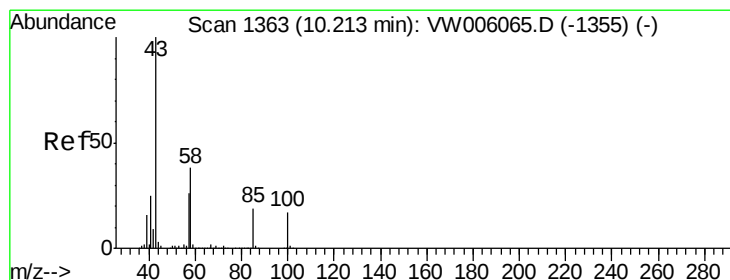
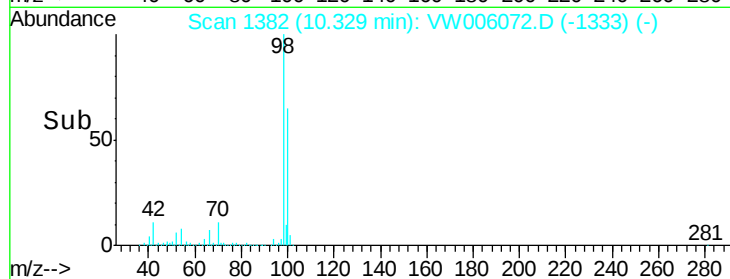
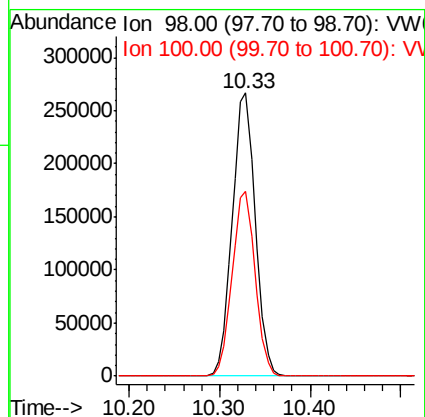
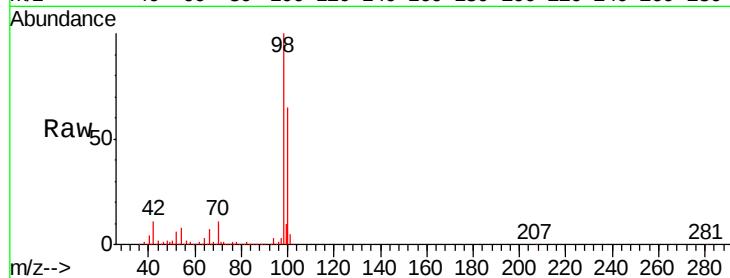
VW1016SBL01

Tgt Ion: 98 Resp: 470077

Ion Ratio Lower Upper

98 100

100 64.8 51.6 77.4



#51

4-Methyl-2-Pentanone

Concen: 1.17 ug/l

RT: 10.22 min Scan# 1364

Delta R.T. 0.01 min

Lab File: VW006072.D

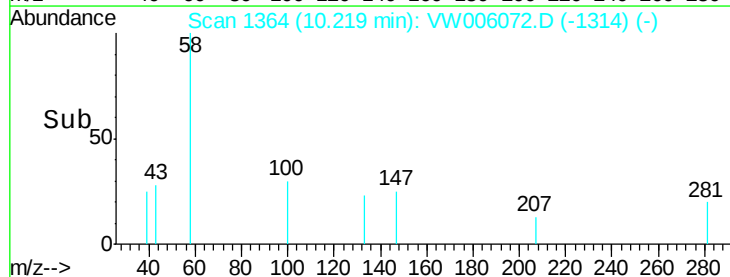
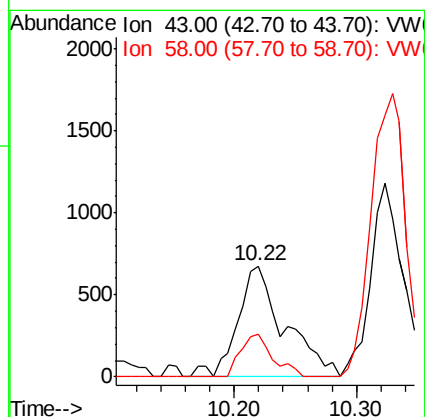
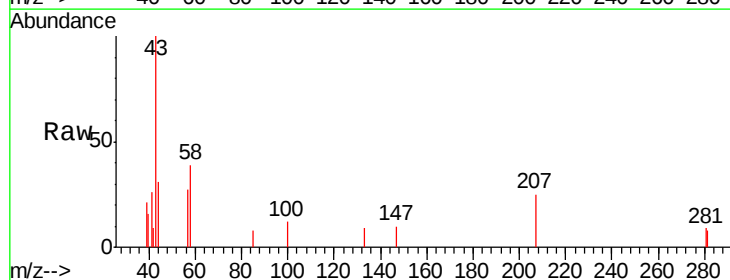
Acq: 16 Oct 2018 12:16

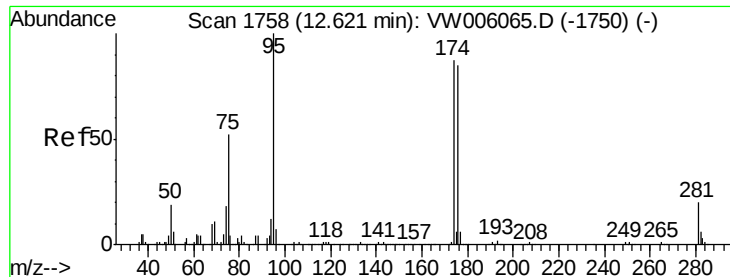
Tgt Ion: 43 Resp: 1807

Ion Ratio Lower Upper

43 100

58 26.0 31.5 47.3#

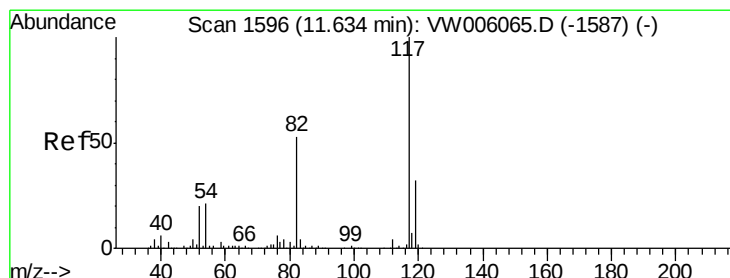
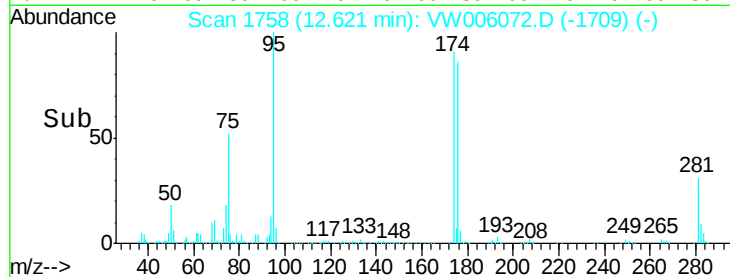
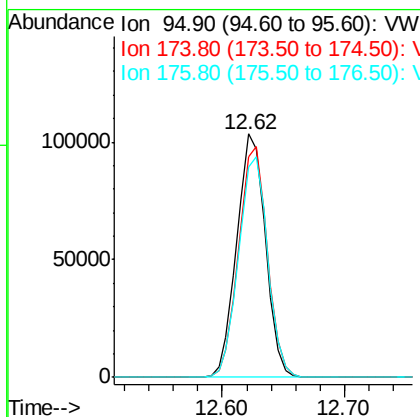
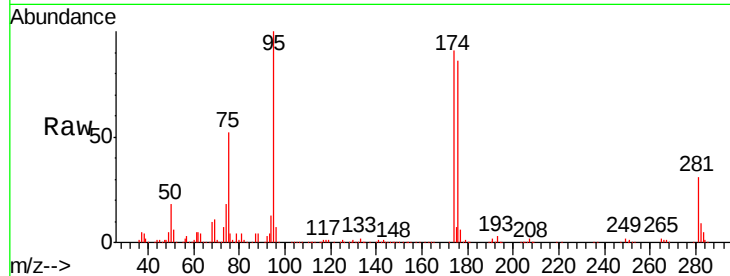




#62
4-Bromofluorobenzene
Concen: 45.32 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006072.D
Acq: 16 Oct 2018 12:16

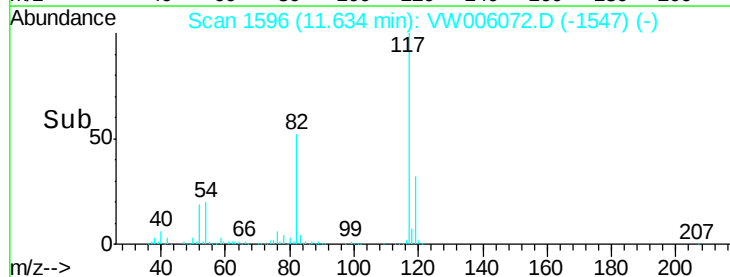
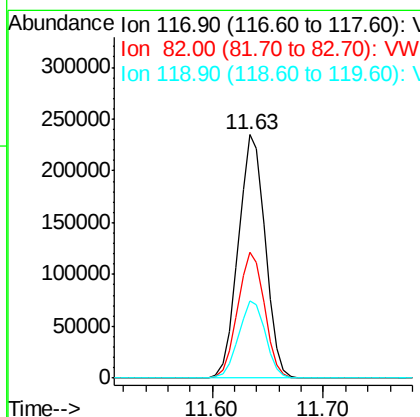
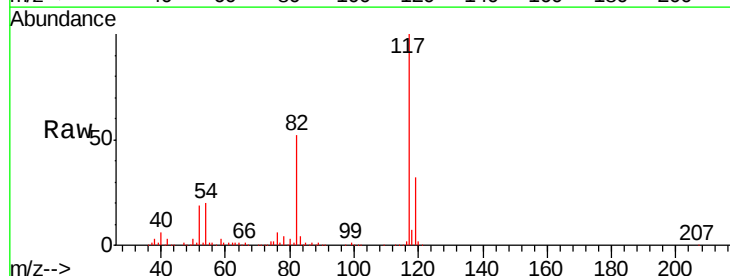
Instrument :
MSVOA_W
ClientSampled :
VW1016SBL01

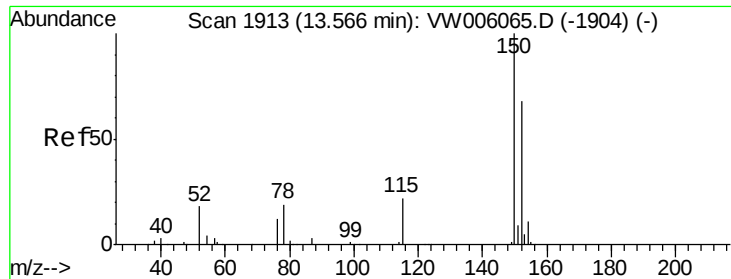
Tgt Ion: 95 Resp: 168227
Ion Ratio Lower Upper
95 100
174 94.6 0.0 186.0
176 91.7 0.0 181.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006072.D
Acq: 16 Oct 2018 12:16

Tgt Ion: 117 Resp: 392441
Ion Ratio Lower Upper
117 100
82 51.8 42.1 63.1
119 31.8 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006072.D

Acq: 16 Oct 2018 12:16

Instrument :

MSVOA_W

ClientSampled :

VW1016SBL01

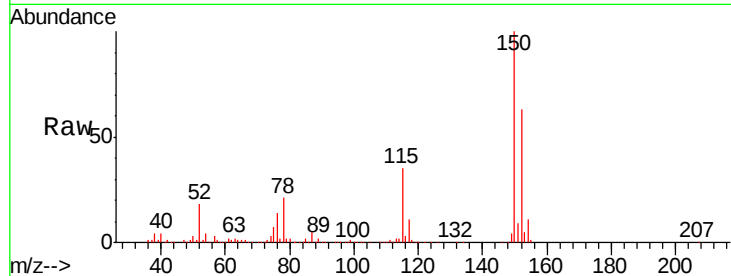
Tgt Ion:152 Resp: 209446

Ion Ratio Lower Upper

152 100

115 54.4 27.8 83.3

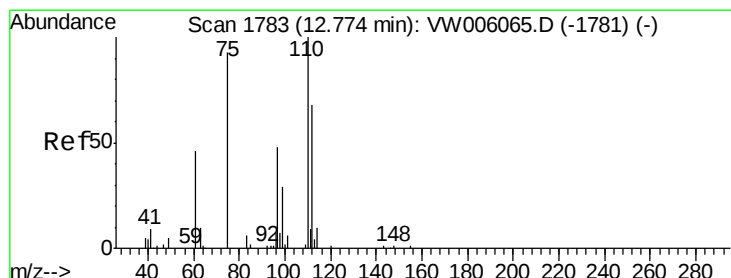
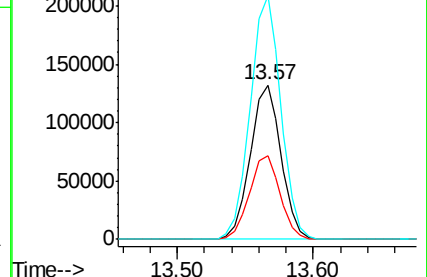
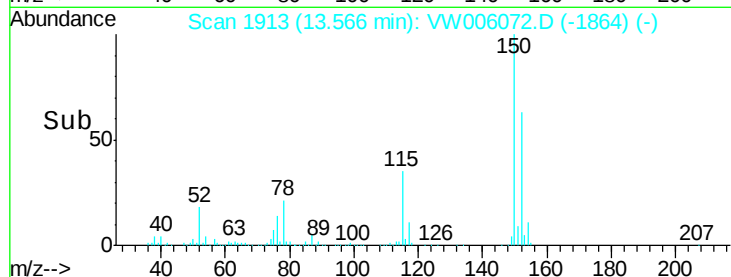
150 156.9 0.0 349.2



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: 54.19 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006072.D

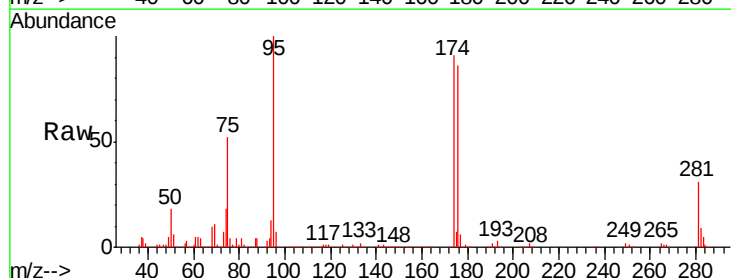
Acq: 16 Oct 2018 12:16

Tgt Ion: 75 Resp: 86689

Ion Ratio Lower Upper

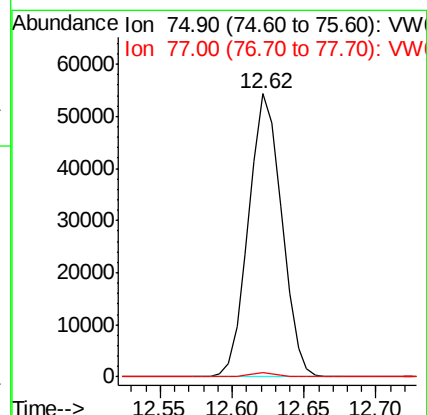
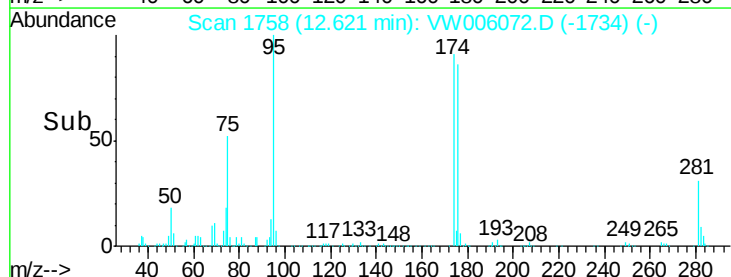
75 100

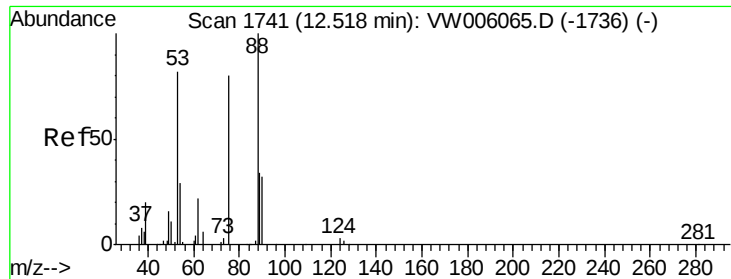
77 1.2 0.0 0.0#



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: 129.53 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006072.D

Acq: 16 Oct 2018 12:16

Instrument :

MSVOA_W

ClientSampleId :

VW1016SBL01

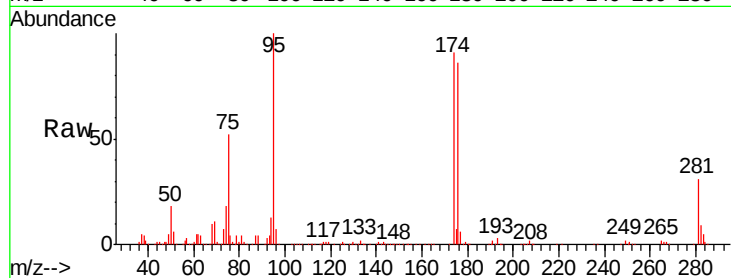
Tgt Ion: 75 Resp: 86689

Ion Ratio Lower Upper

75 100

53 0.0 79.8 119.6#

89 0.2 37.5 56.3#



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

