

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112218\
 Data File : VW006995.D
 Acq On : 21 Nov 2018 12:10
 Operator : VAY/AP
 Sample : VW1122SBL01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1122SBL01

Quant Time: Nov 21 16:25:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 03:23:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	125208	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	189528	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	177698	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	86787	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	59647	48.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.32%	
35) Dibromofluoromethane	7.89	113	54612	51.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.04%	
50) Toluene-d8	10.32	98	247272	52.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.64%	
62) 4-Bromofluorobenzene	12.62	95	94325	50.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.44%	

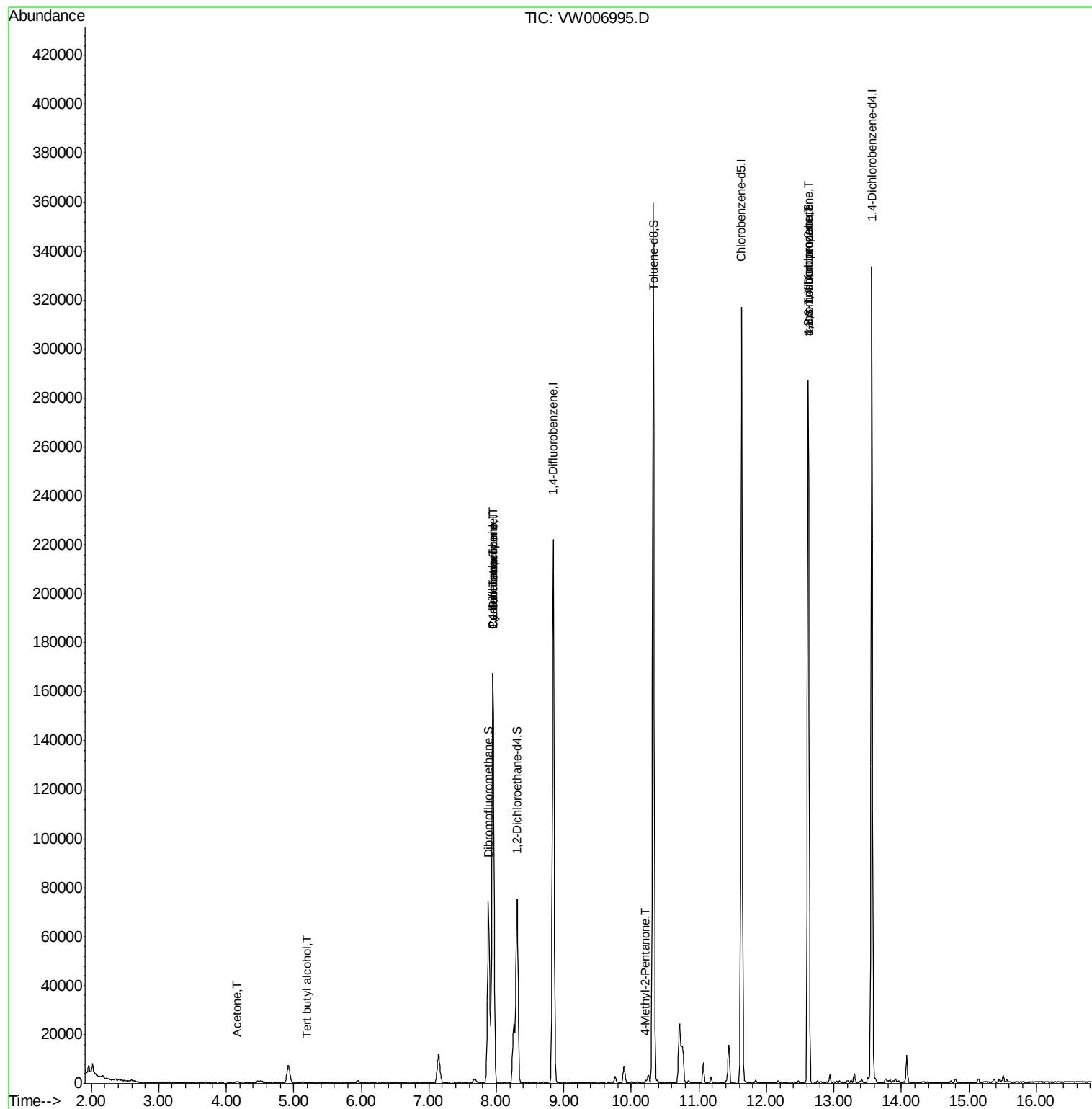
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.19	59	143	1.79	ug/l	# 71
16) Acetone	4.16	43	1299	7.30	ug/l	97
20) Methylene Chloride	4.92	84	5680	Below	Cal	97
31) Cyclohexane	7.95	56	2656	1.13	ug/l	# 9
36) 1,1-Dichloropropene	7.95	75	9865	5.33	ug/l	# 50
38) Carbon Tetrachloride	7.95	117	13005	7.33	ug/l	# 17
51) 4-Methyl-2-Pentanone	10.21	43	732	1.13	ug/l	# 79
76) 1,2,3-Trichloropropane	12.62	75	46254	67.82	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.62	75	46254	170.28	ug/l	# 10

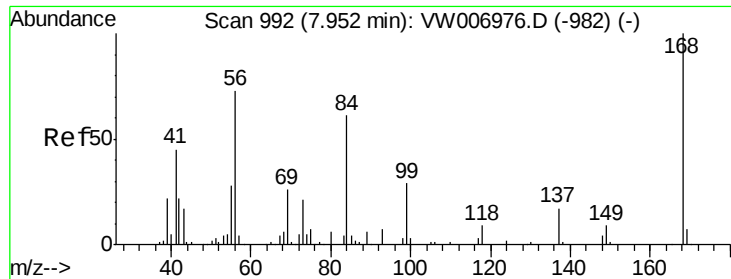
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Nov 21 03:23:02 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: VW006995.D

Acq: 21 Nov 2018 12:10

Instrument :

MSVOA_W

ClientSampleId :

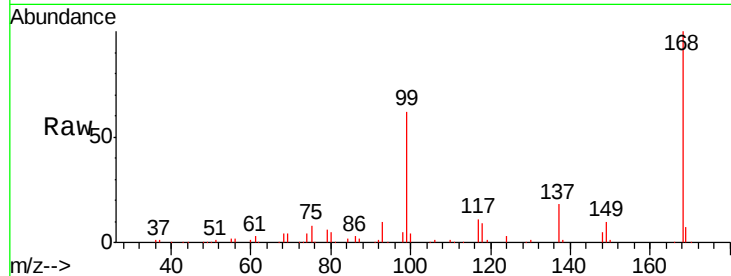
VW1122SBL01

Tgt Ion:168 Resp: 125208

Ion Ratio Lower Upper

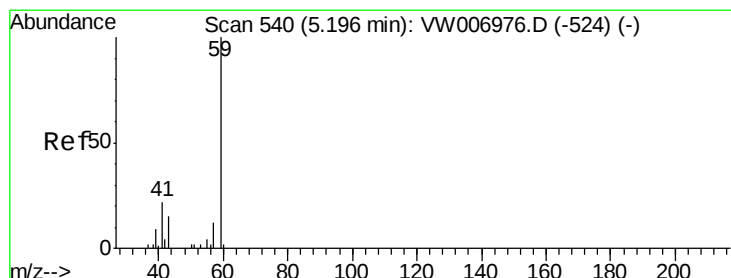
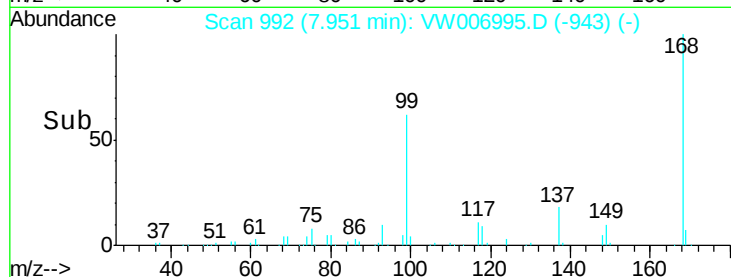
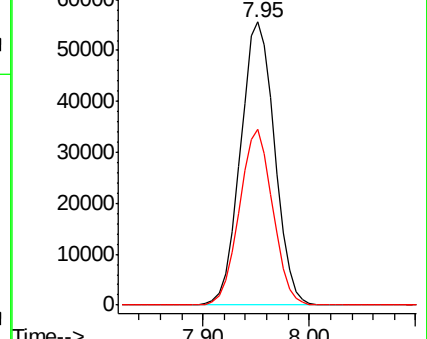
168 100

99 62.1 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 1.79 ug/l

RT: 5.19 min Scan# 539

Delta R.T. -0.01 min

Lab File: VW006995.D

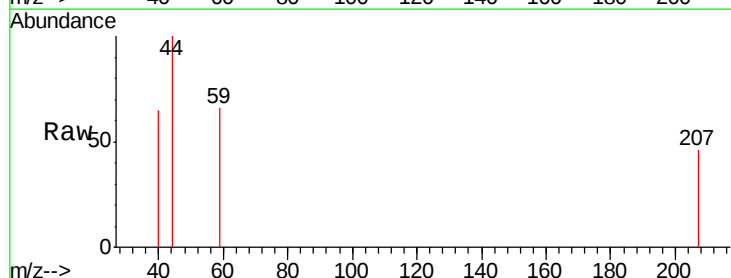
Acq: 21 Nov 2018 12:10

Tgt Ion: 59 Resp: 143

Ion Ratio Lower Upper

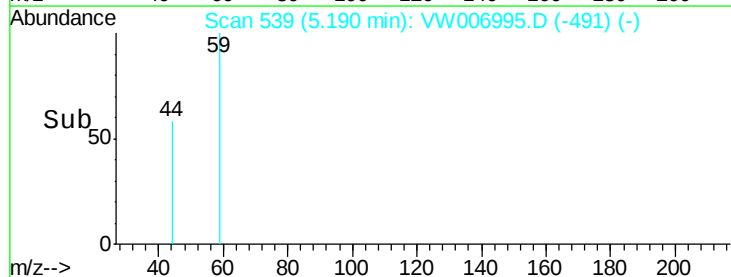
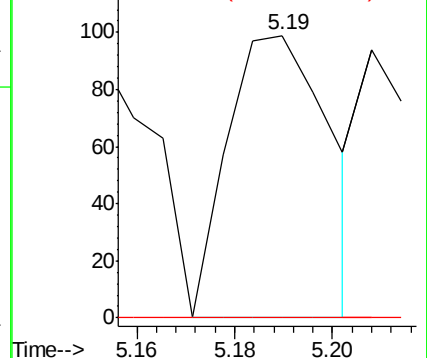
59 100

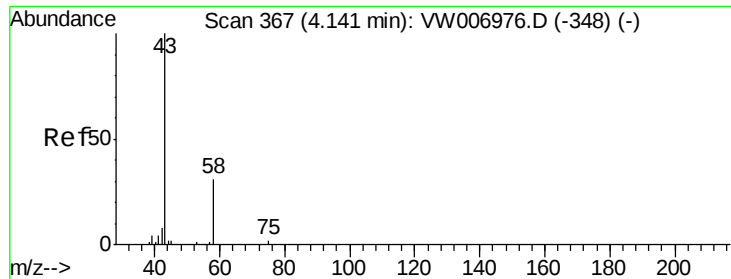
57 0.0 8.6 13.0#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 7.30 ug/l

RT: 4.16 min Scan# 370

Delta R.T. 0.02 min

Lab File: VW006995.D

Acq: 21 Nov 2018 12:10

Instrument :

MSVOA_W

ClientSampleId :

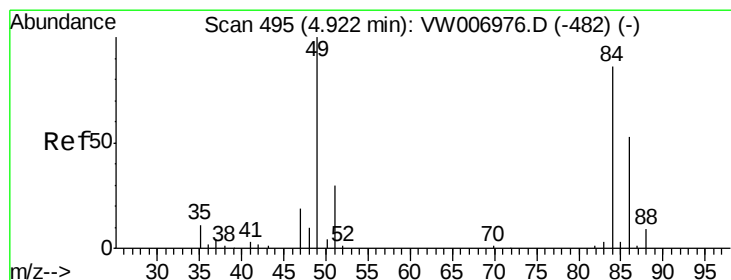
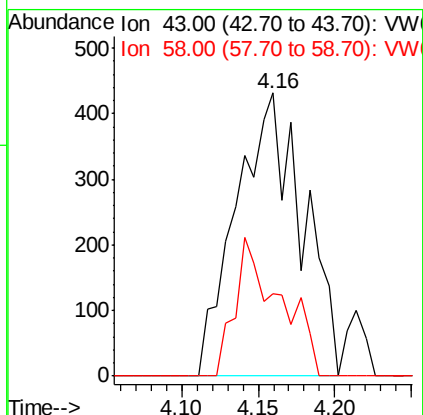
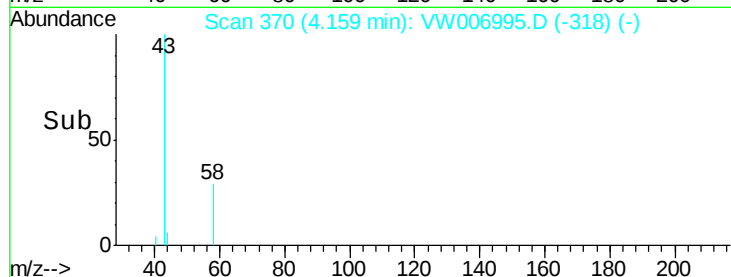
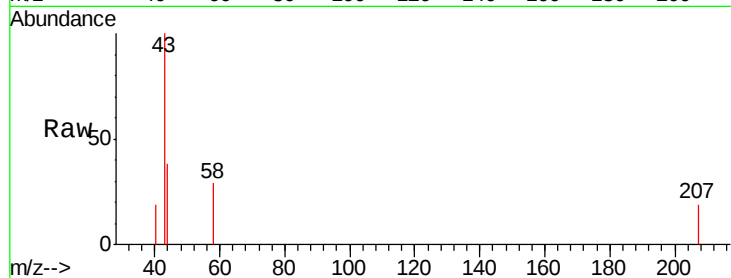
VW1122SBL01

Tgt Ion: 43 Resp: 1299

Ion Ratio Lower Upper

43 100

58 29.2 24.8 37.2



#20

Methylene Chloride

Concen: Below Cal

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW006995.D

Acq: 21 Nov 2018 12:10

Tgt Ion: 84 Resp: 5680

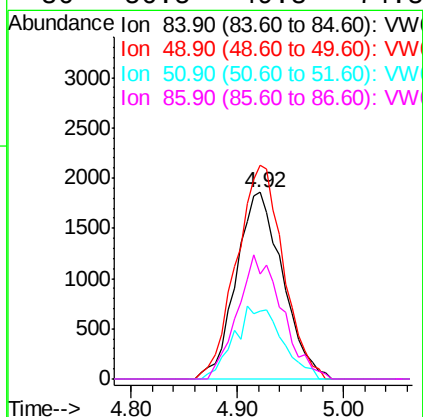
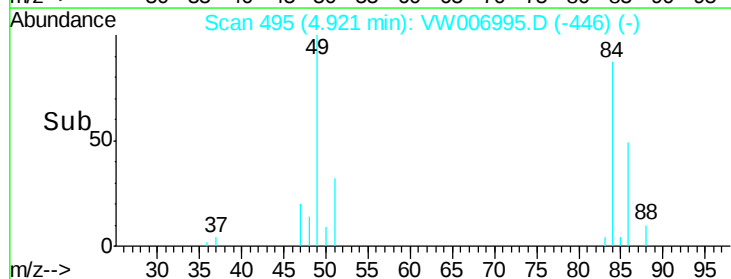
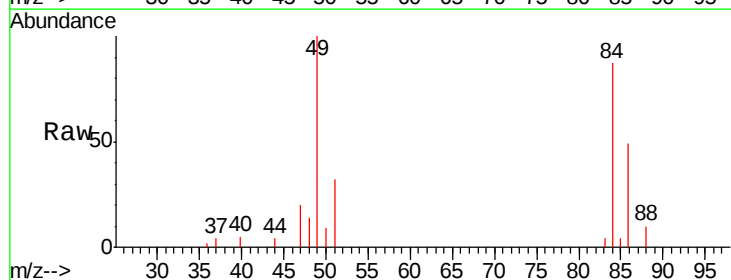
Ion Ratio Lower Upper

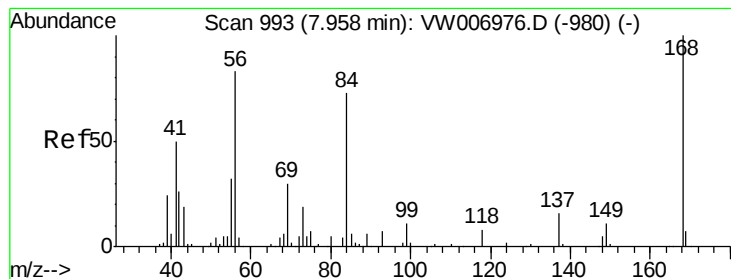
84 100

49 114.5 93.4 140.0

51 36.2 28.4 42.6

86 56.5 49.8 74.8





#31

Cyclohexane

Concen: 1.13 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006995.D

Acq: 21 Nov 2018 12:10

Instrument :

MSVOA_W

ClientSampleId :

VW1122SBL01

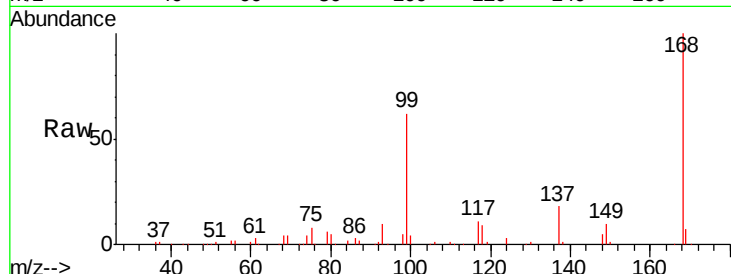
Tgt Ion: 56 Resp: 2656

Ion Ratio Lower Upper

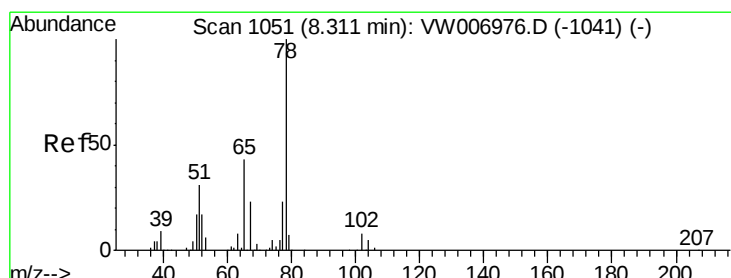
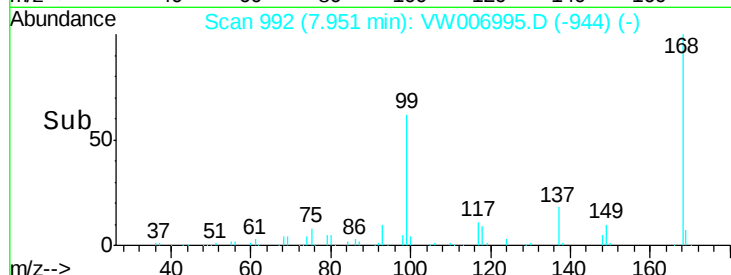
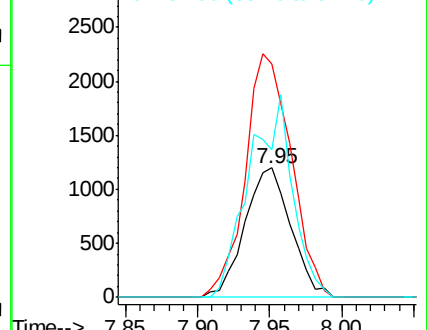
56 100

69 180.4 29.1 43.7#

84 114.6 70.6 105.8#



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: 48.66 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW006995.D

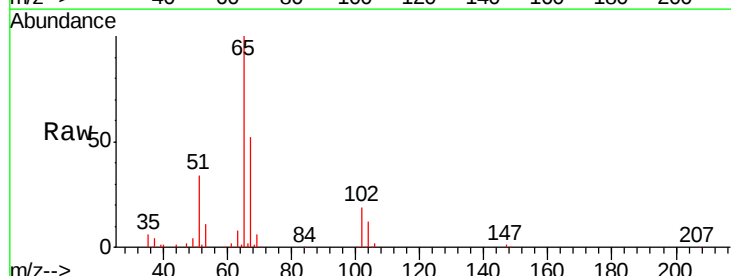
Acq: 21 Nov 2018 12:10

Tgt Ion: 65 Resp: 59647

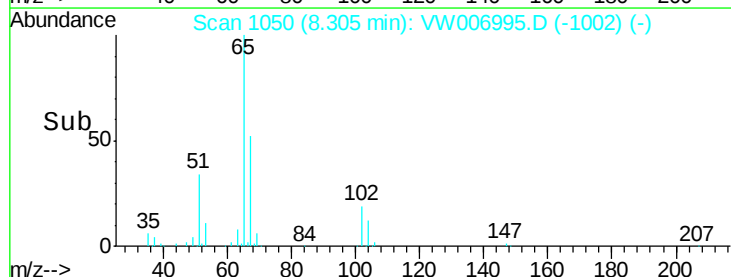
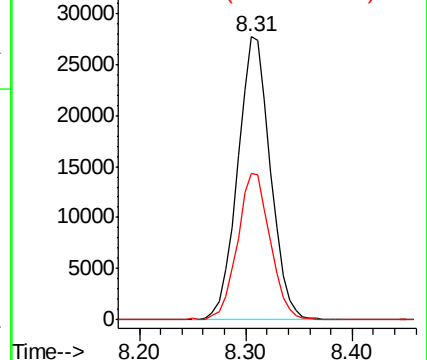
Ion Ratio Lower Upper

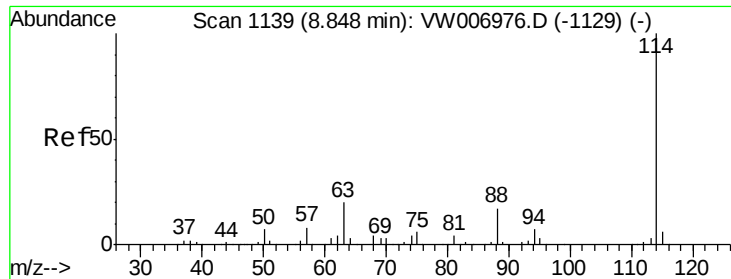
65 100

67 51.7 0.0 106.2



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

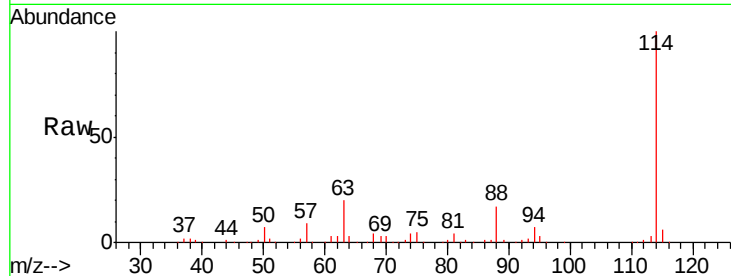




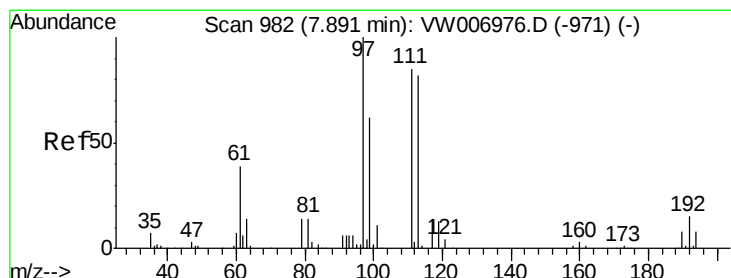
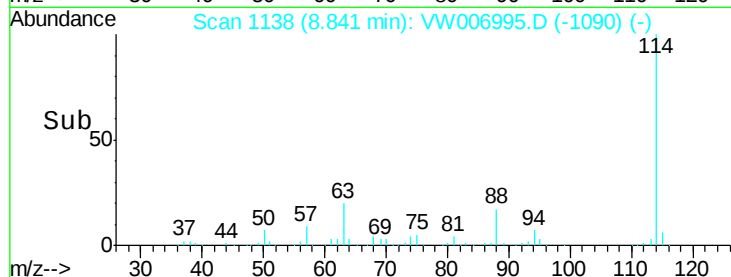
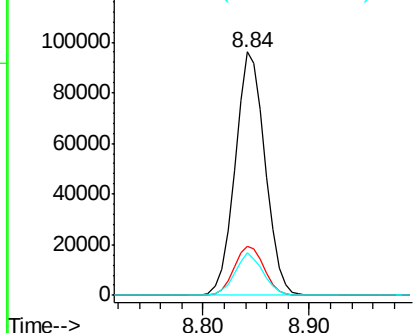
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.01 min
Lab File: VW006995.D
Acq: 21 Nov 2018 12:10

Instrument :
MSVOA_W
ClientSampleId :
VW1122SBL01

Tgt Ion:114 Resp: 189528
Ion Ratio Lower Upper
114 100
63 20.4 0.0 39.4
88 17.3 0.0 34.2

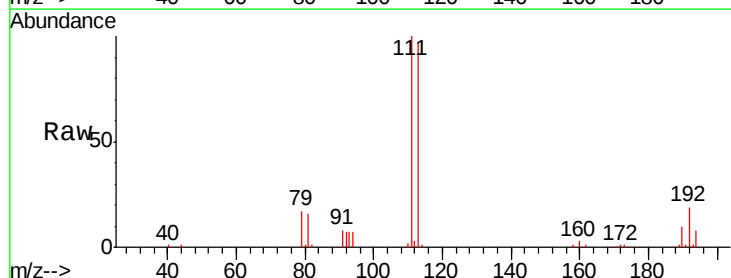


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

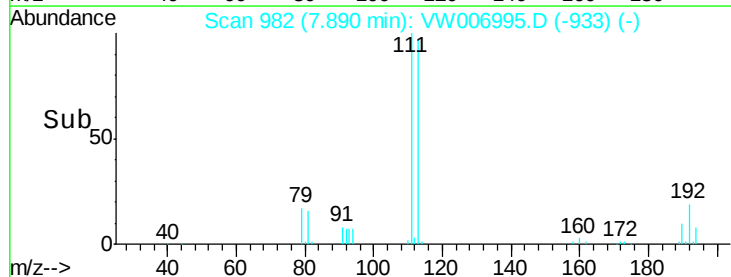
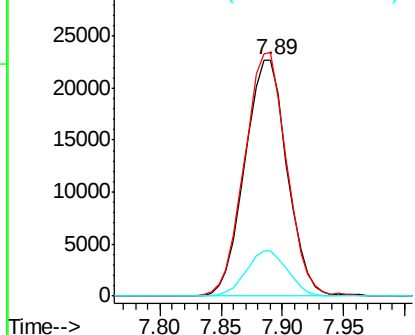


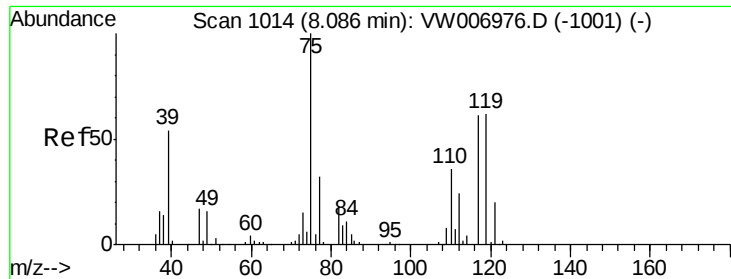
#35
Dibromofluoromethane
Concen: 51.02 ug/l
RT: 7.89 min Scan# 982
Delta R.T. -0.00 min
Lab File: VW006995.D
Acq: 21 Nov 2018 12:10

Tgt Ion:113 Resp: 54612
Ion Ratio Lower Upper
113 100
111 103.2 81.0 121.6
192 19.0 15.0 22.6



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

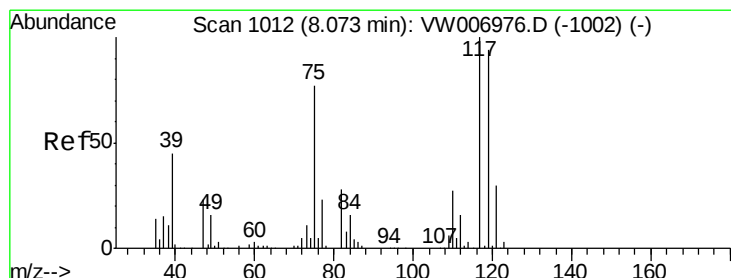
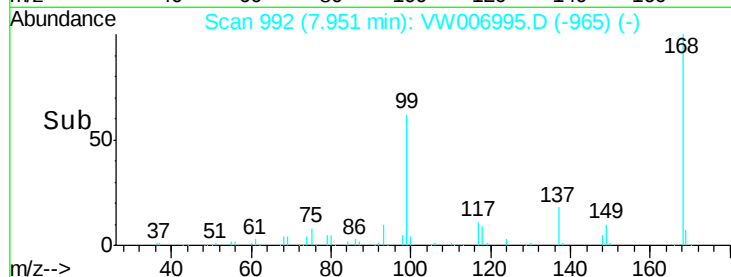
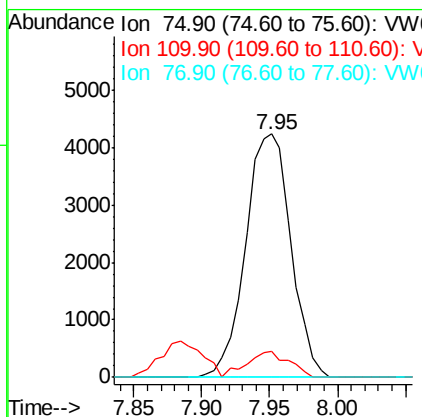
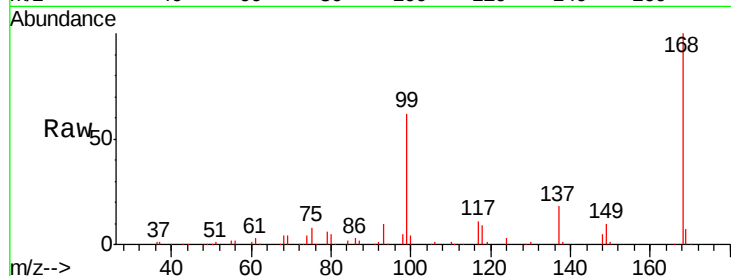




#36
 1,1-Dichloropropene
 Concen: 5.33 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006995.D
 Acq: 21 Nov 2018 12:10

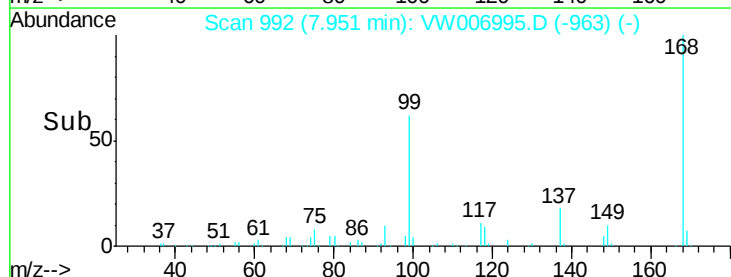
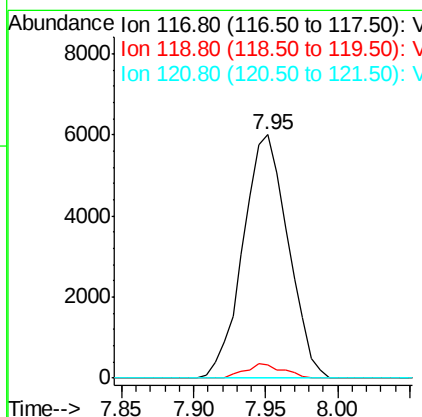
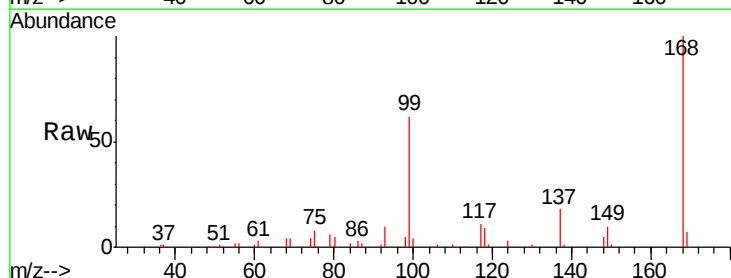
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1122SBL01

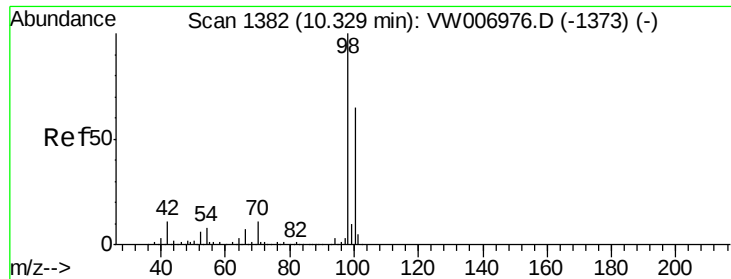
Tgt Ion: 75 Resp: 9865
 Ion Ratio Lower Upper
 75 100
 110 10.1 18.0 54.0#
 77 0.0 24.9 37.3#



#38
 Carbon Tetrachloride
 Concen: 7.33 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW006995.D
 Acq: 21 Nov 2018 12:10

Tgt Ion: 117 Resp: 13005
 Ion Ratio Lower Upper
 117 100
 119 5.5 74.9 112.3#
 121 0.0 23.6 35.4#





#50

Toluene-d8

Concen: 52.32 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW006995.D

Acq: 21 Nov 2018 12:10

Instrument :

MSVOA_W

ClientSampleId :

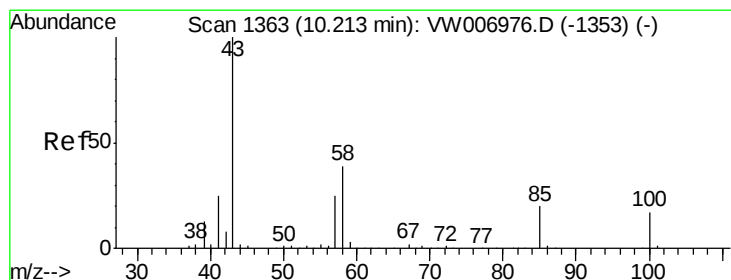
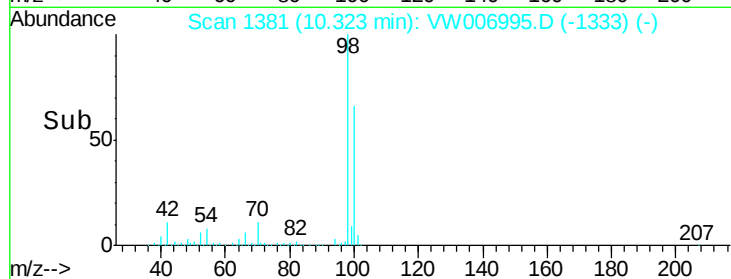
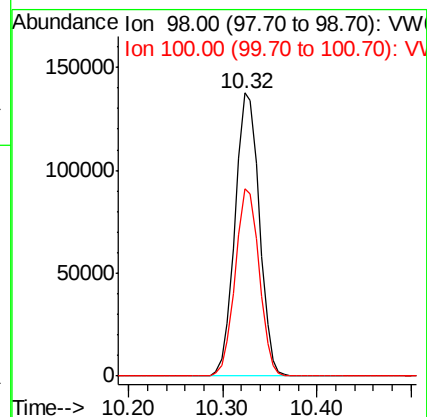
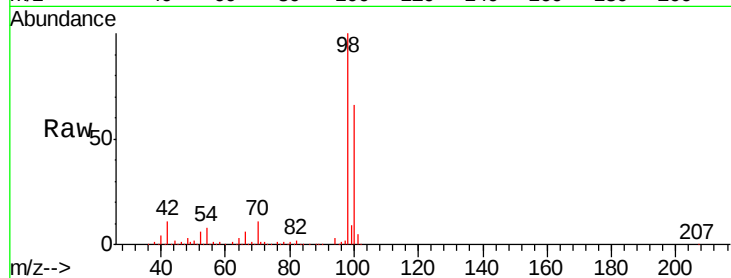
VW1122SBL01

Tgt Ion: 98 Resp: 247272

Ion Ratio Lower Upper

98 100

100 65.4 52.2 78.2



#51

4-Methyl-2-Pentanone

Concen: 1.13 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW006995.D

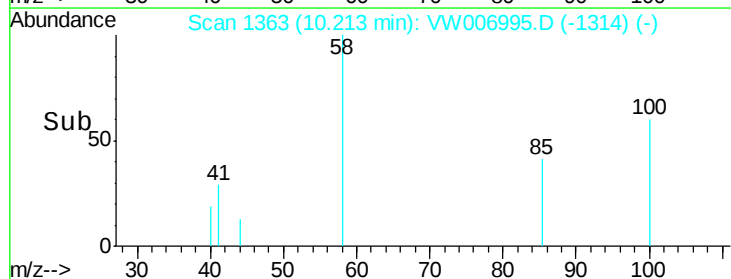
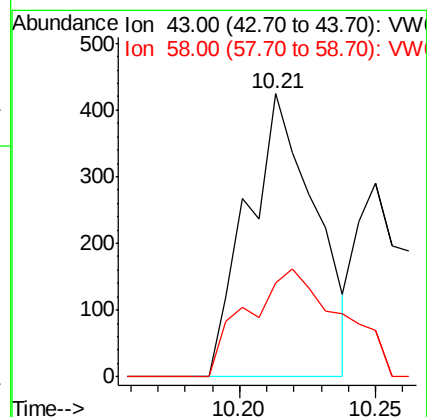
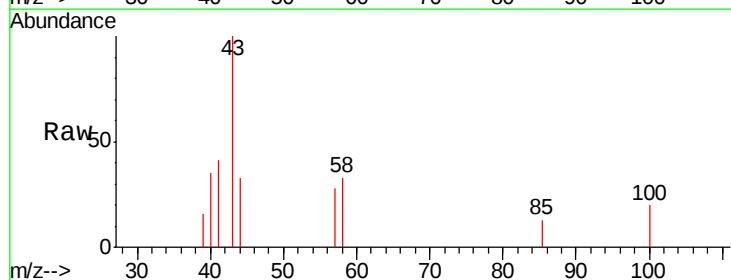
Acq: 21 Nov 2018 12:10

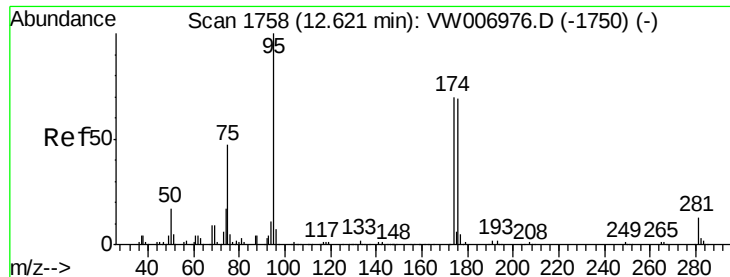
Tgt Ion: 43 Resp: 732

Ion Ratio Lower Upper

43 100

58 52.6 31.8 47.6#





#62

4-Bromofluorobenzene

Concen: 50.72 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006995.D

Acq: 21 Nov 2018 12:10

Instrument :

MSVOA_W

ClientSampleId :

VW1122SBL01

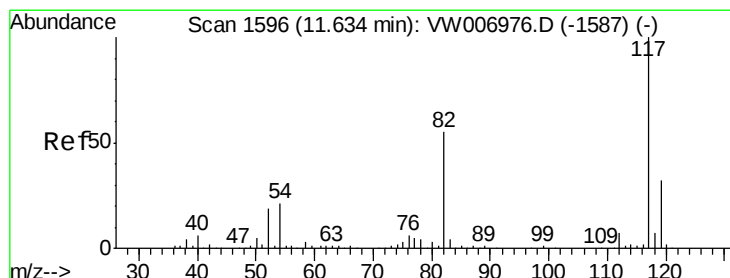
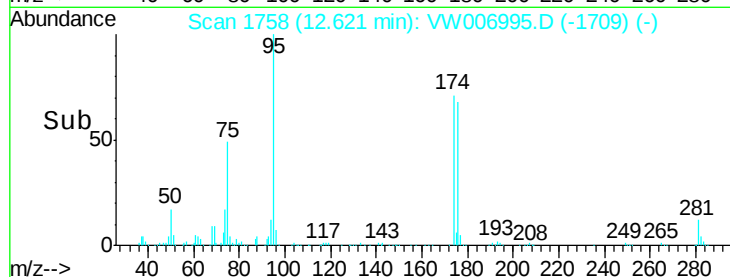
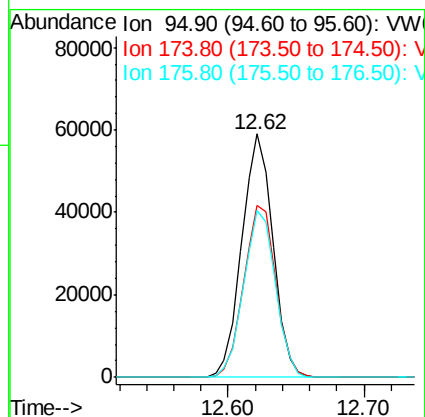
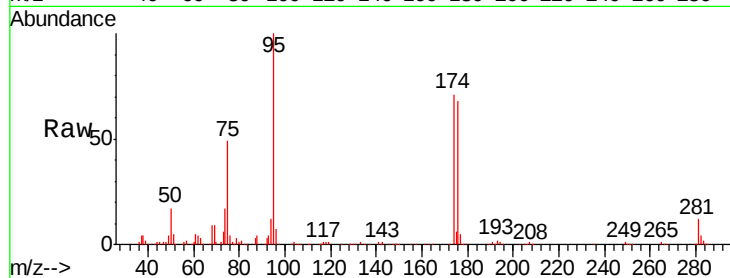
Tgt Ion: 95 Resp: 94325

Ion Ratio Lower Upper

95 100

174 73.1 0.0 143.6

176 70.2 0.0 140.4



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW006995.D

Acq: 21 Nov 2018 12:10

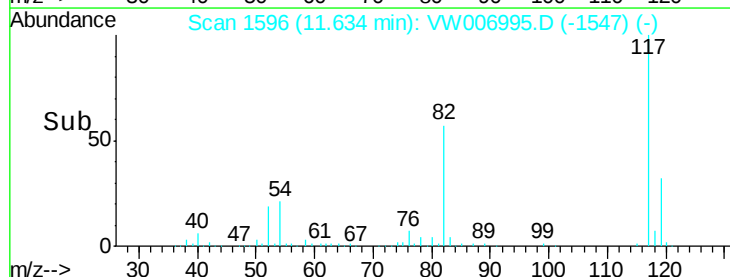
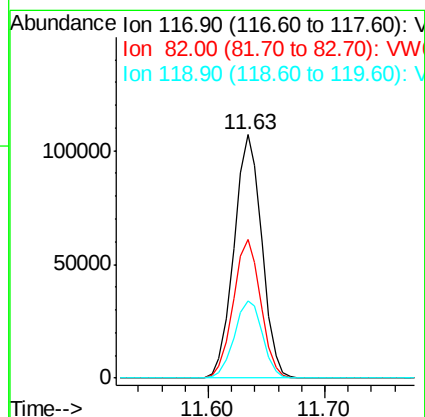
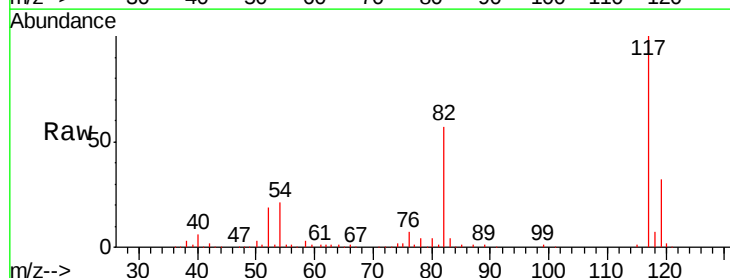
Tgt Ion: 117 Resp: 177698

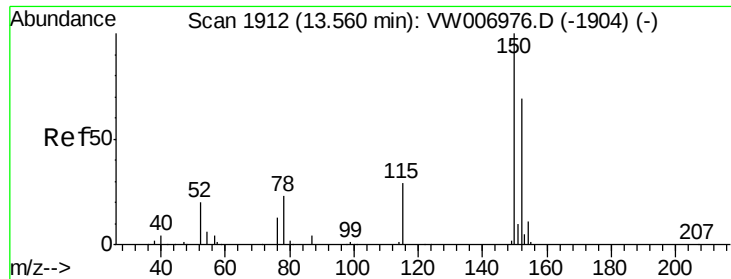
Ion Ratio Lower Upper

117 100

82 56.8 44.2 66.2

119 31.7 25.9 38.9



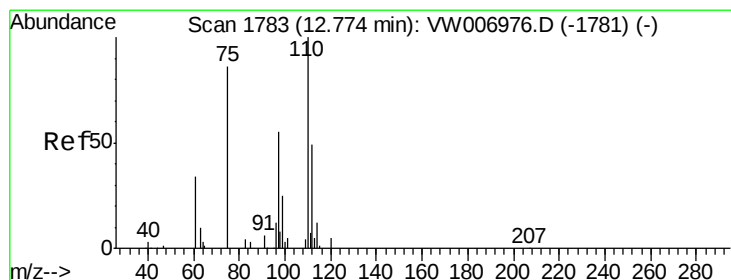
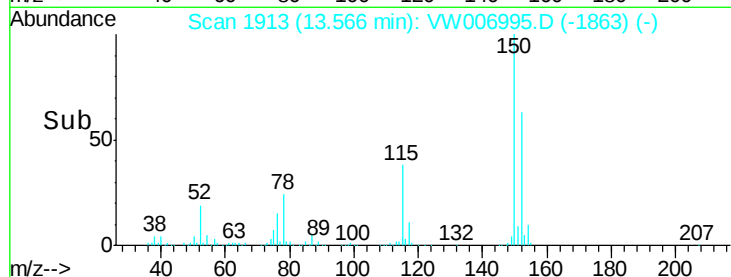
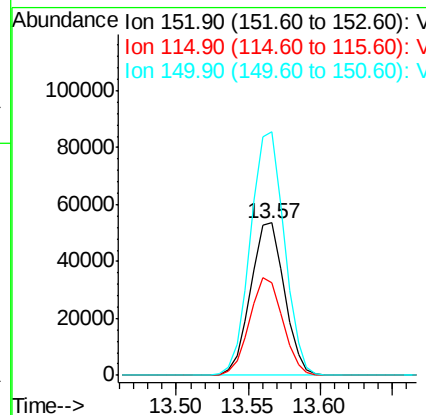
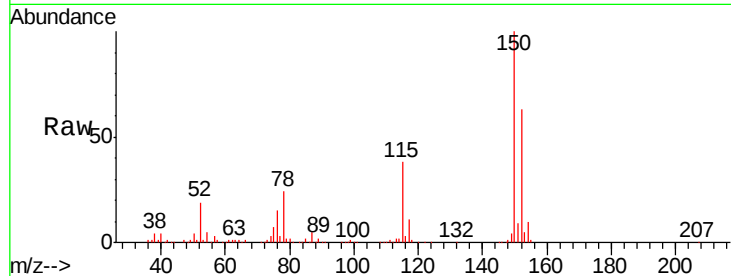


#72

1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.01 min
Lab File: VW006995.D
Acq: 21 Nov 2018 12:10

Instrument :
MSVOA_W
ClientSampleId :
VW1122SBL01

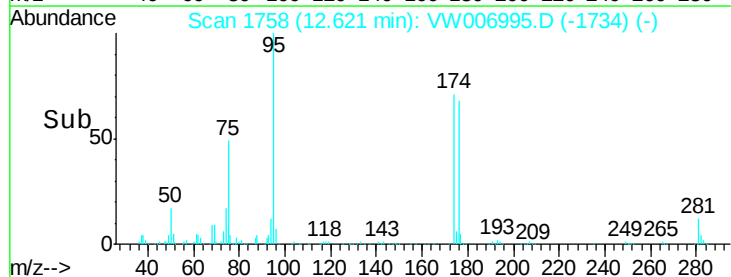
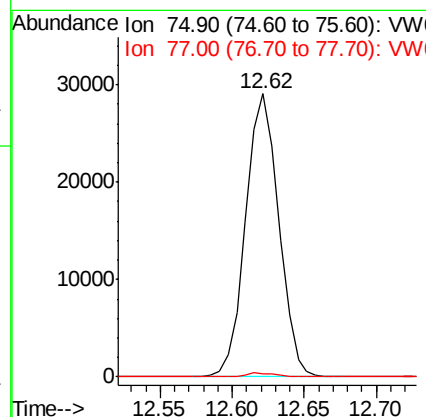
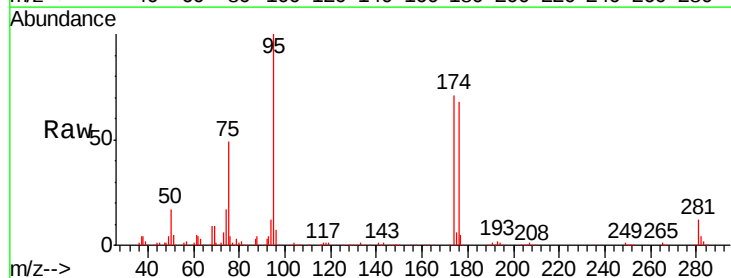
Tgt Ion:152 Resp: 86787
Ion Ratio Lower Upper
152 100
115 62.9 31.4 94.2
150 160.2 0.0 353.4

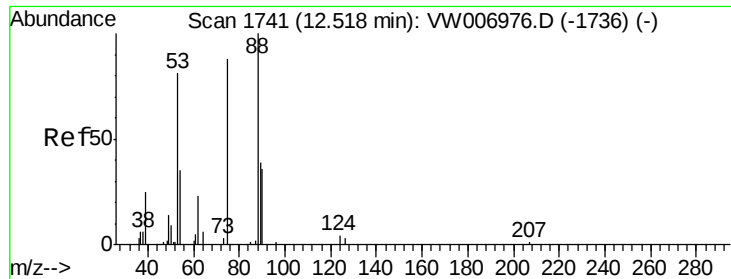


#76

1,2,3-Trichloropropane
Concen: 67.82 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW006995.D
Acq: 21 Nov 2018 12:10

Tgt Ion: 75 Resp: 46254
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 170.28 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006995.D

Acq: 21 Nov 2018 12:10

Instrument :

MSVOA_W

ClientSampleId :

VW1122SBL01

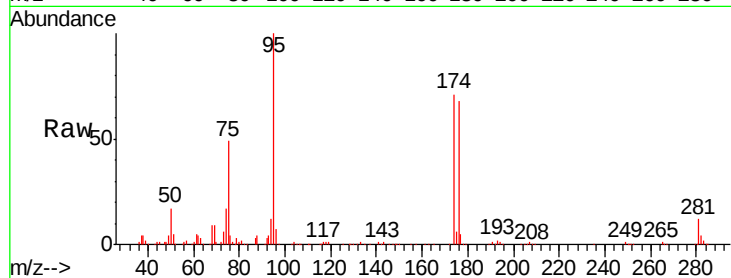
Tgt Ion: 75 Resp: 46254

Ion Ratio Lower Upper

75 100

53 0.0 77.6 116.4#

89 0.1 39.3 58.9#



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

