

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010419\
 Data File : VW008040.D
 Acq On : 04 Jan 2019 11:44
 Operator : SY/AP
 Sample : VW0104SBL01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0104SBL01

Quant Time: Jan 05 00:34:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010219S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 03 05:03:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	66572	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	111624	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	93853	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	42845	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	40680	55.25	ug/l	0.00
Spiked Amount			Recovery	=	110.50%	
35) Dibromofluoromethane	7.88	113	35308	50.18	ug/l	0.00
Spiked Amount			Recovery	=	100.36%	
50) Toluene-d8	10.32	98	131228	49.71	ug/l	0.00
Spiked Amount			Recovery	=	99.42%	
62) 4-Bromofluorobenzene	12.62	95	42104	41.59	ug/l	0.00
Spiked Amount			Recovery	=	83.18%	

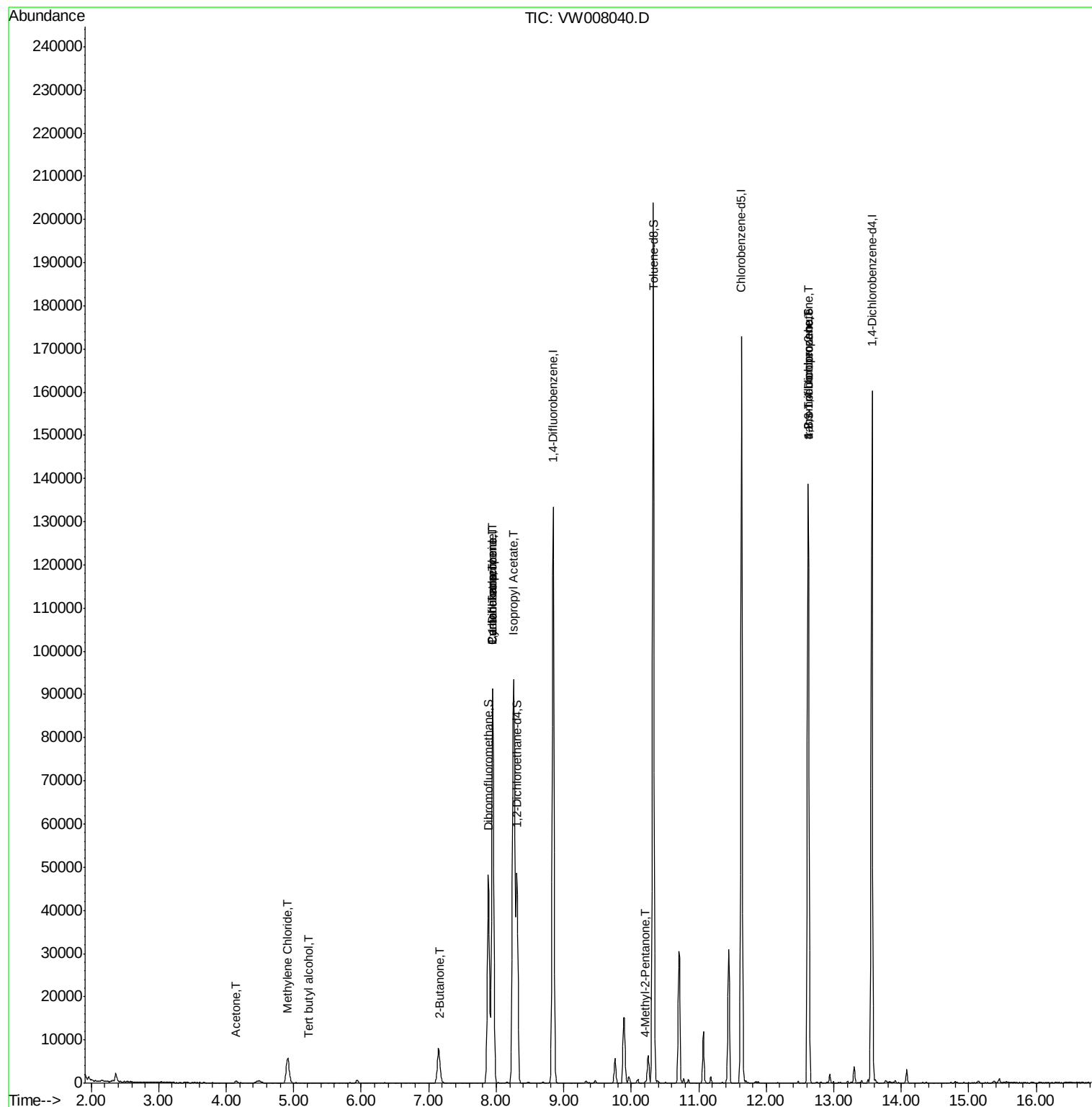
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.22	59	85	1.777	ug/l #	71
16) Acetone	4.14	43	984	8.633	ug/l	99
20) Methylene Chloride	4.90	84	4977	4.939	ug/l #	82
25) 2-Butanone	7.17	43	167	1.244	ug/l #	45
31) Cyclohexane	7.94	56	1603	1.424	ug/l #	27
36) 1,1-Dichloropropene	7.95	75	5105	4.636	ug/l #	50
38) Carbon Tetrachloride	7.95	117	7356	5.574	ug/l #	16
43) Isopropyl Acetate	8.26	43	2134	3.229	ug/l #	13
51) 4-Methyl-2-Pentanone	10.21	43	379	1.239	ug/l #	65
76) 1,2,3-Trichloropropane	12.62	75	22666	66.498	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	22666	157.257	ug/l #	6

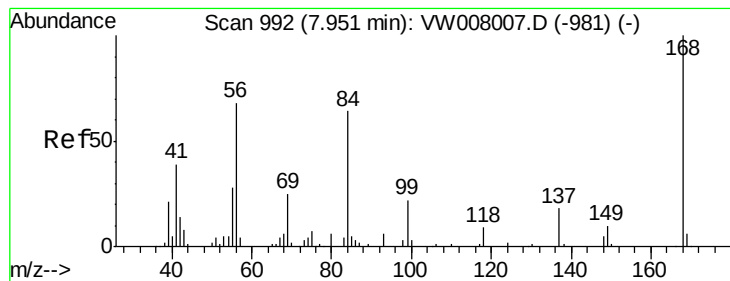
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW010419\
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Quant Time: Jan 05 00:34:49 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W010219S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 03 05:03:55 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW008040.D

Acq: 04 Jan 2019 11:44

Instrument :

MSVOA_W

ClientSampleId :

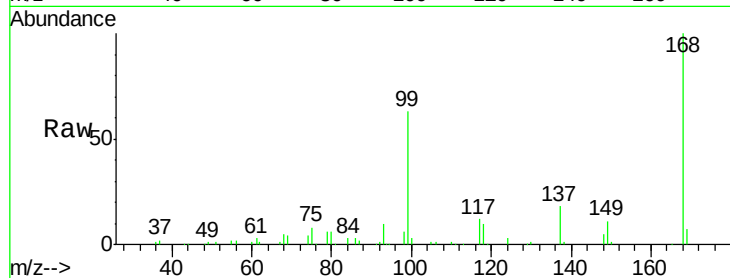
VW0104SBL01

Tot Ion:168 Resp: 66572

Ion Ratio Lower Upper

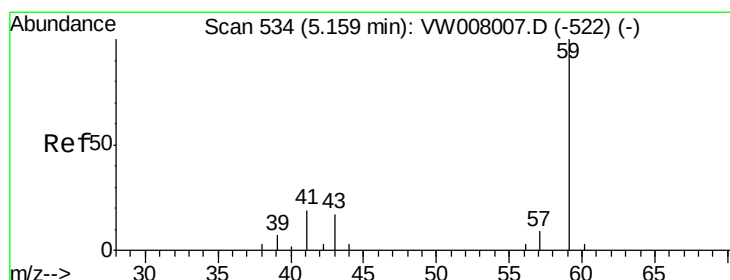
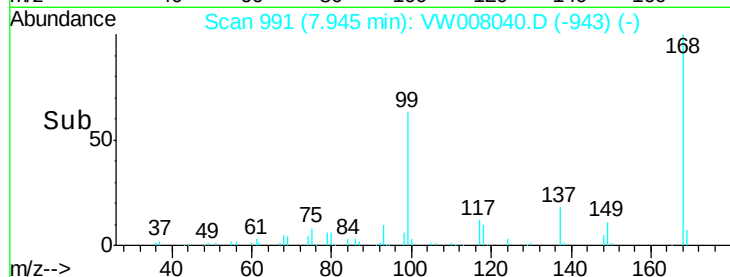
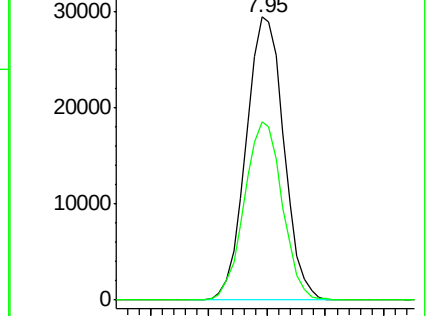
168 100

99 63.3 51.6 77.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 1.777 ug/l

RT: 5.22 min Scan# 544

Delta R.T. 0.06 min

Lab File: VW008040.D

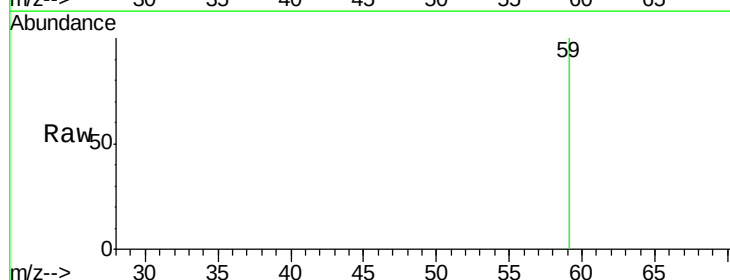
Acq: 04 Jan 2019 11:44

Tgt Ion: 59 Resp: 85

Ion Ratio Lower Upper

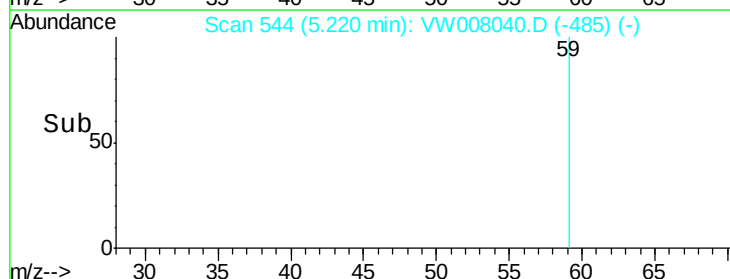
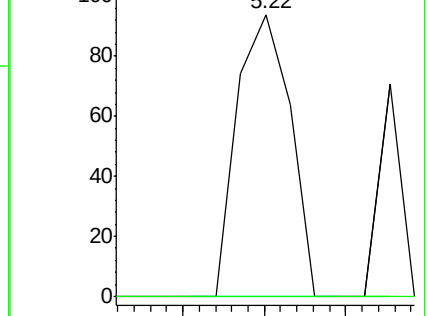
59 100

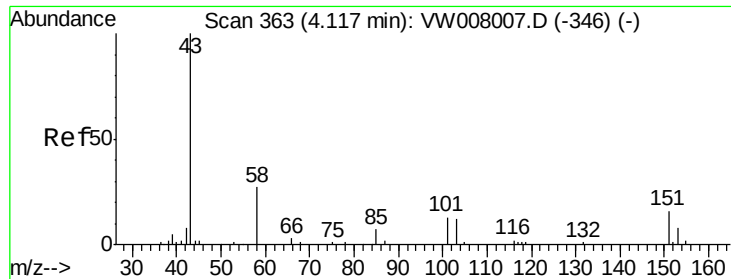
57 0.0 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 8.633 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW008040.D

Acq: 04 Jan 2019 11:44

Instrument :

MSVOA_W

ClientSampleId :

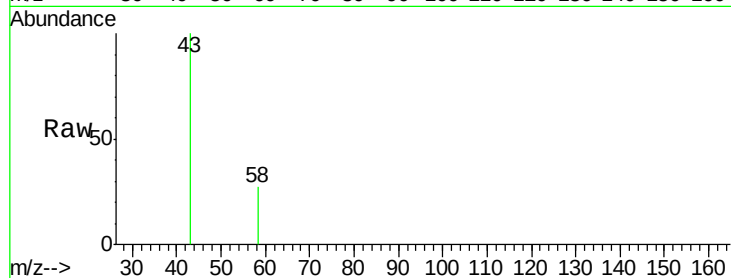
VW0104SBL01

Tot Ion: 43 Resp: 984

Ion Ratio Lower Upper

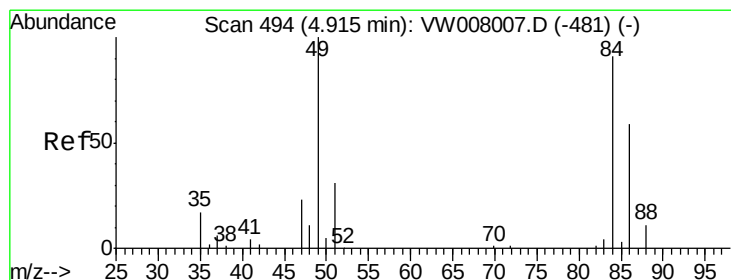
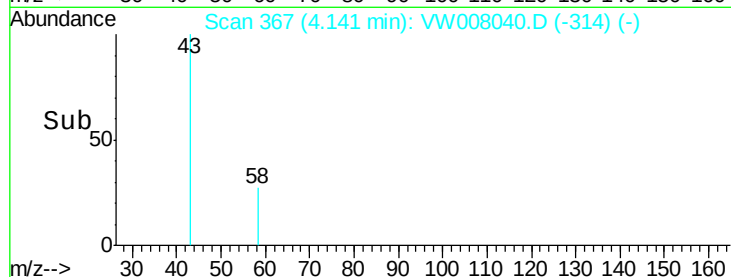
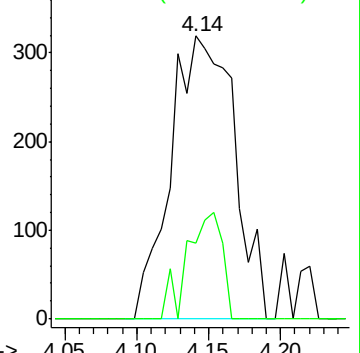
43 100

58 26.6 21.7 32.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#20

Methylene Chloride

Concen: 4.939 ug/l

RT: 4.90 min Scan# 492

Delta R.T. -0.01 min

Lab File: VW008040.D

Acq: 04 Jan 2019 11:44

Tgt Ion: 84 Resp: 4977

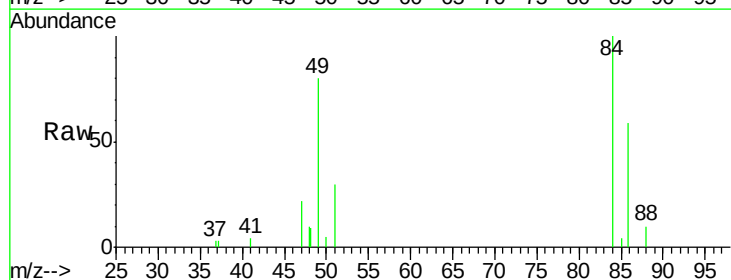
Ion Ratio Lower Upper

84 100

49 80.2 87.7 131.5#

51 30.1 27.3 40.9

86 58.5 51.4 77.0

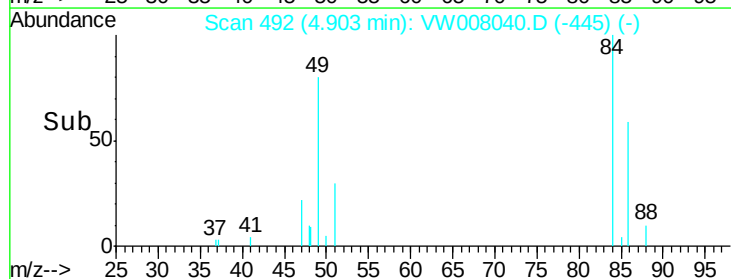
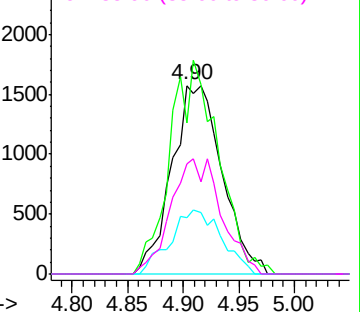


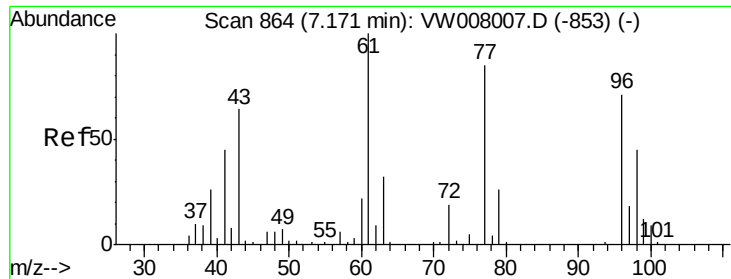
Abundance Ion 83.90 (83.60 to 84.60): VW

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: 1.244 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW008040.D

Acq: 04 Jan 2019 11:44

Instrument :

MSVOA_W

ClientSampleId :

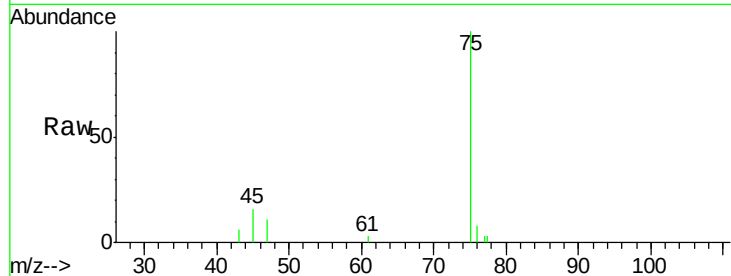
VW0104SBL01

Tot Ion: 43 Resp: 167

Ion Ratio Lower Upper

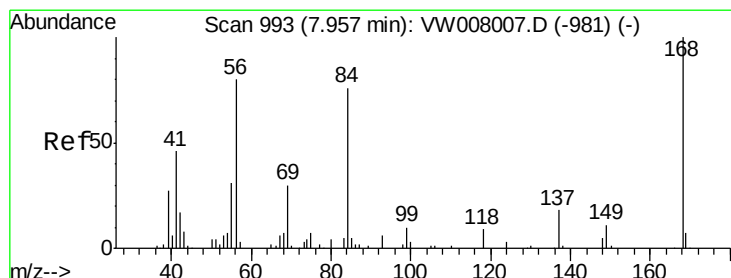
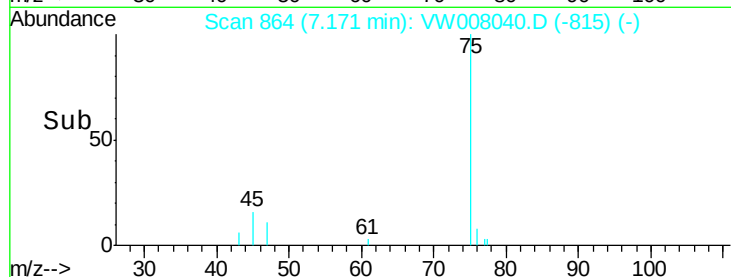
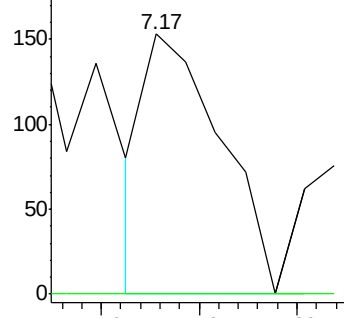
43 100

72 0.0 23.8 35.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#31

Cyclohexane

Concen: 1.424 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.02 min

Lab File: VW008040.D

Acq: 04 Jan 2019 11:44

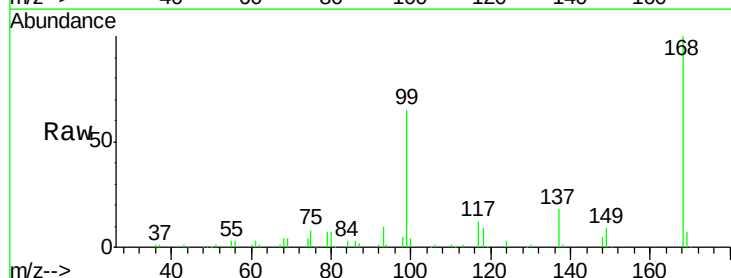
Tgt Ion: 56 Resp: 1603

Ion Ratio Lower Upper

56 100

69 142.9 29.8 44.6#

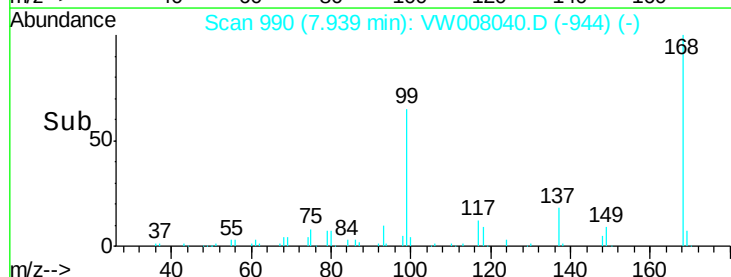
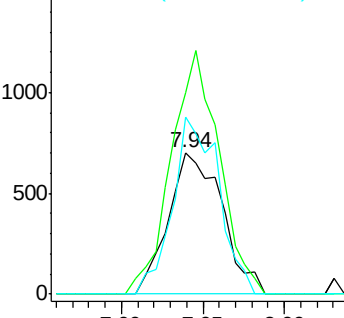
84 125.0 75.2 112.8#

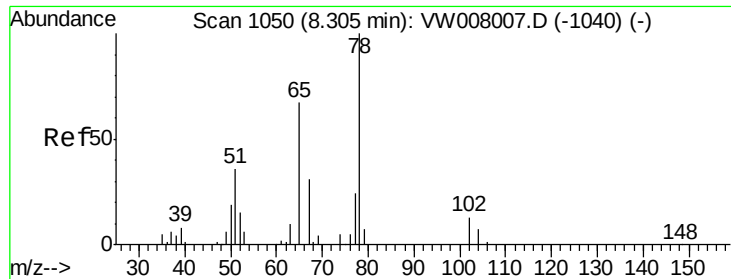


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW

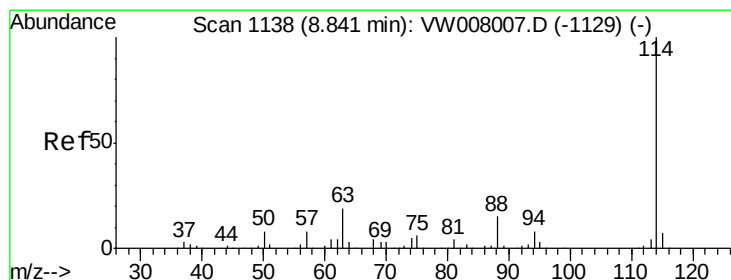
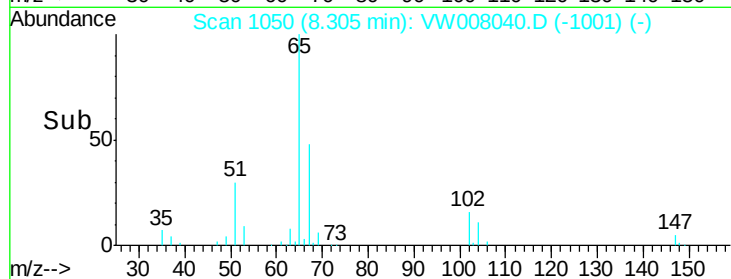
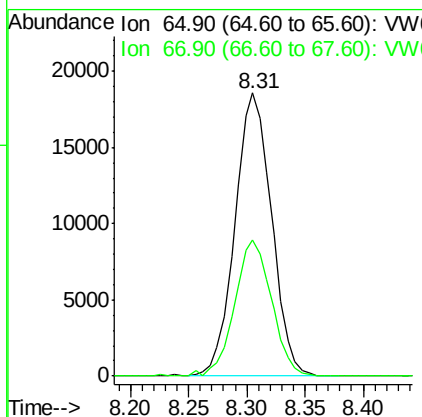
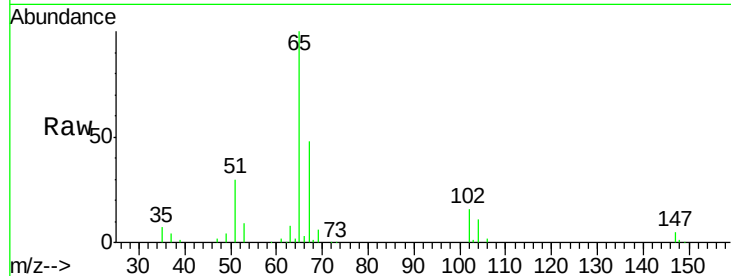




#33
 1,2-Dichloroethane-d4
 Concen: 55.247 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW008040.D
 Acq: 04 Jan 2019 11:44

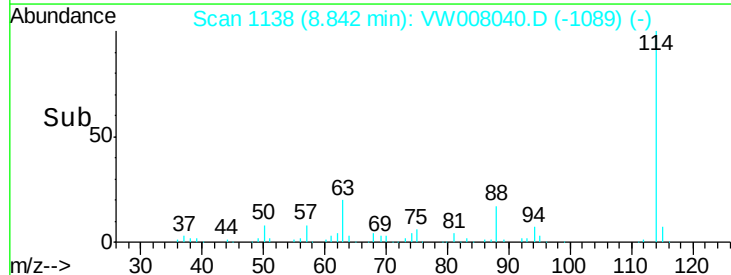
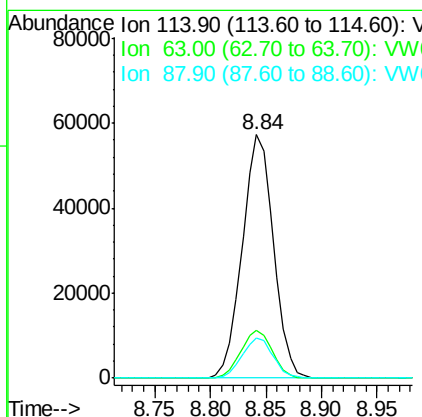
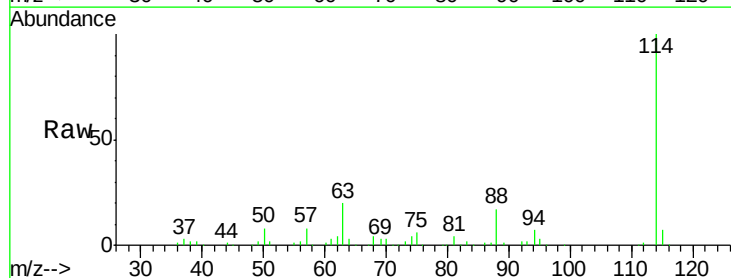
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0104SBL01

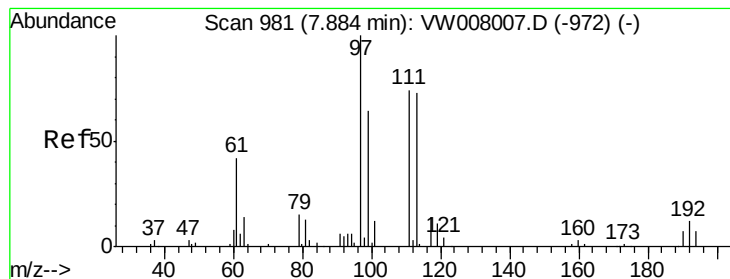
Tot Ion: 65 Resp: 40680
 Ion Ratio Lower Upper
 65 100
 67 48.5 0.0 94.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008040.D
 Acq: 04 Jan 2019 11:44

Tgt Ion: 114 Resp: 111624
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 37.8
 88 16.7 0.0 31.0





#35

Dibromofluoromethane

Concen: 50.176 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW008040.D

Acq: 04 Jan 2019 11:44

Instrument :

MSVOA_W

ClientSampleId :

VW0104SBL01

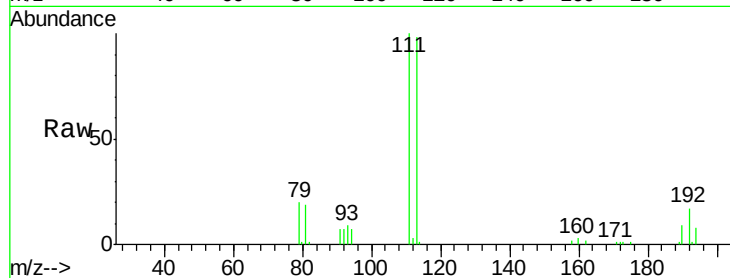
Tot Ion:113 Resp: 35308

Ion Ratio Lower Upper

113 100

111 100.5 81.4 122.0

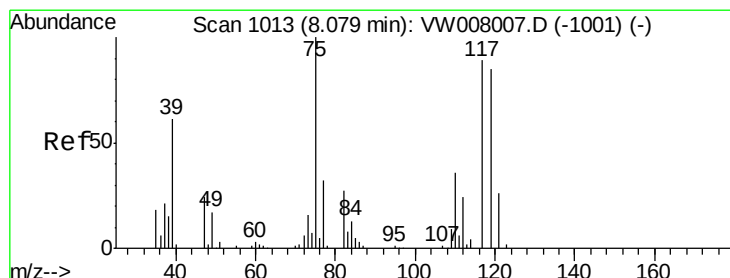
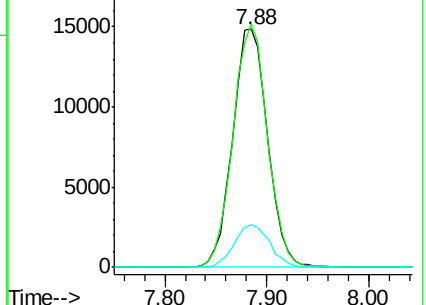
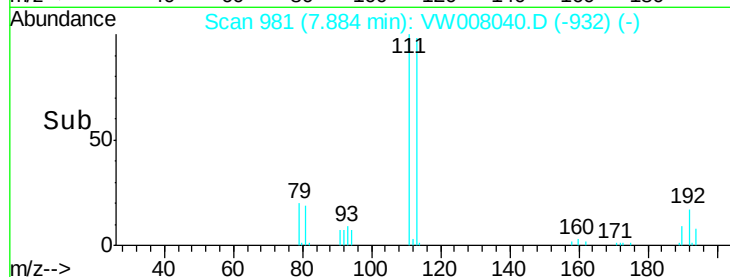
192 18.1 14.8 22.2



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



#36

1,1-Dichloropropene

Concen: 4.636 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW008040.D

Acq: 04 Jan 2019 11:44

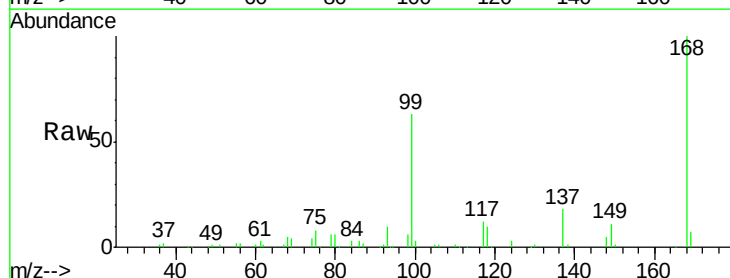
Tgt Ion: 75 Resp: 5105

Ion Ratio Lower Upper

75 100

110 10.7 18.1 54.3#

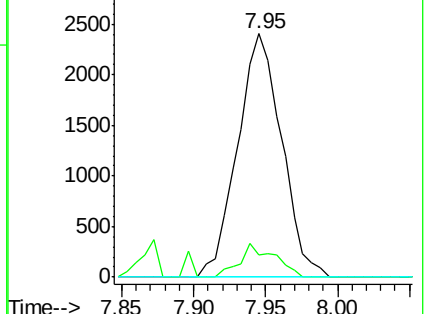
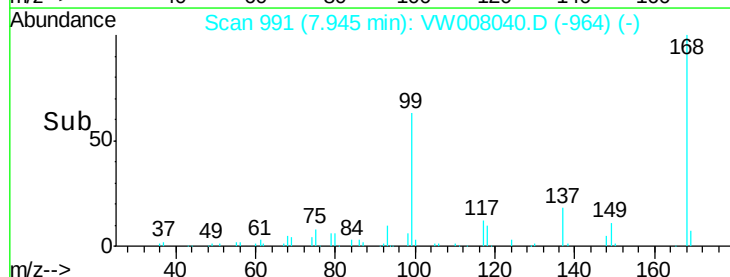
77 0.0 25.3 37.9#

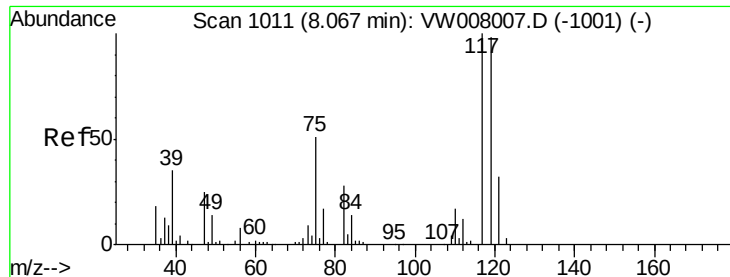


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#38

Carbon Tetrachloride

Concen: 5.574 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW008040.D

Acq: 04 Jan 2019 11:44

Instrument :

MSVOA_W

ClientSampleId :

VW0104SBL01

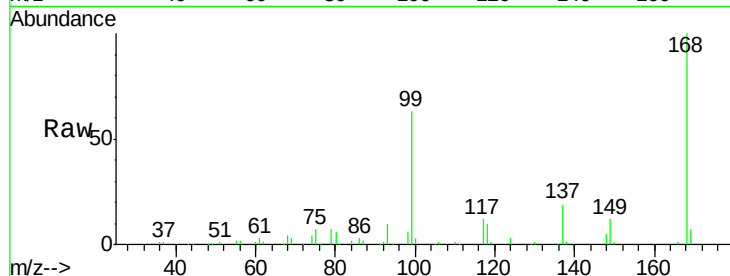
Tot Ion:117 Resp: 7356

Ion Ratio Lower Upper

117 100

119 6.0 78.7 118.1#

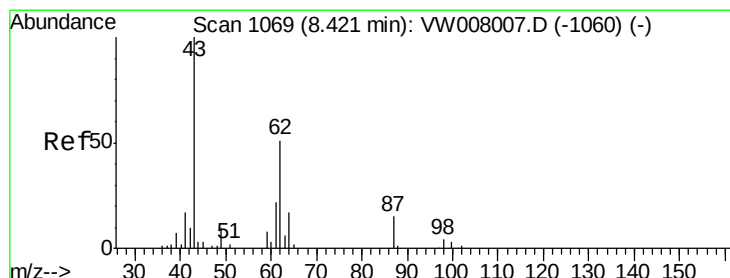
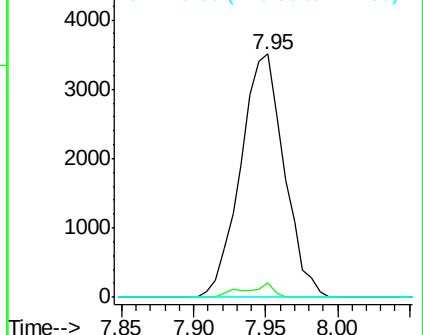
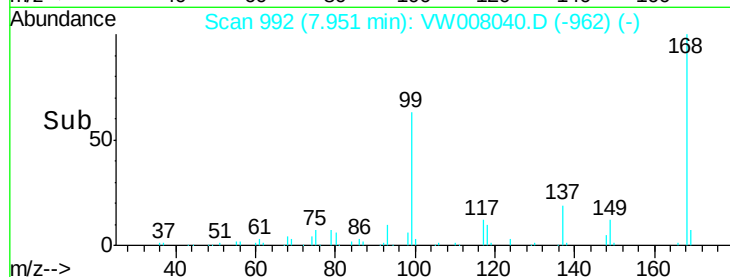
121 0.0 25.8 38.8#



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



#43

Isopropyl Acetate

Concen: 3.229 ug/l

RT: 8.26 min Scan# 1043

Delta R.T. -0.16 min

Lab File: VW008040.D

Acq: 04 Jan 2019 11:44

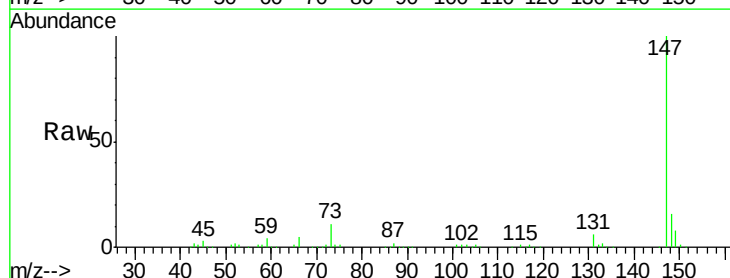
Tgt Ion: 43 Resp: 2134

Ion Ratio Lower Upper

43 100

61 10.3 26.4 39.6#

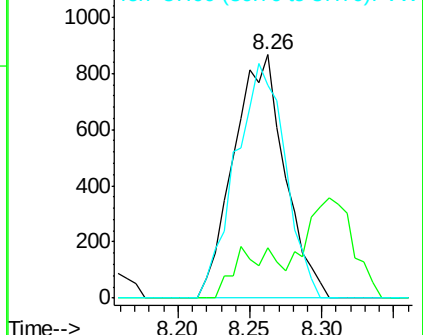
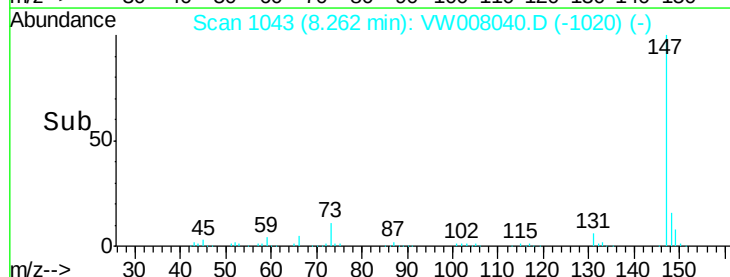
87 94.0 12.0 18.0#

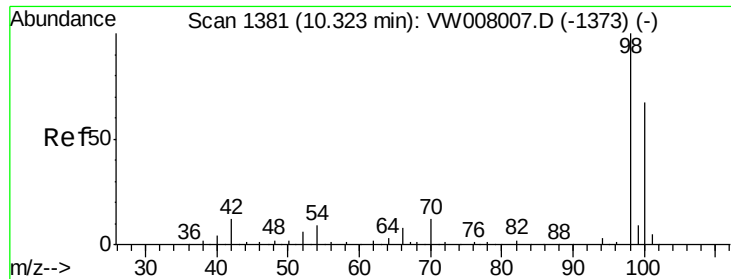


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW

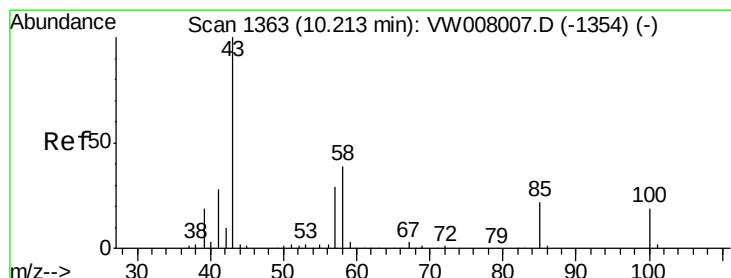
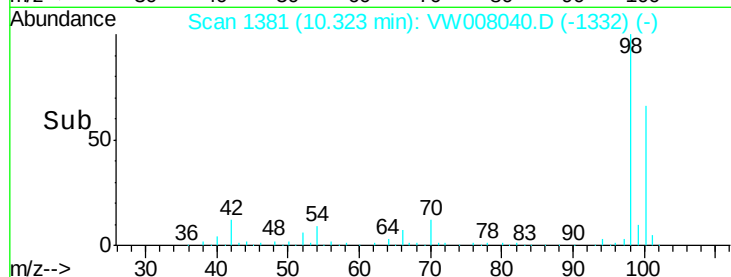
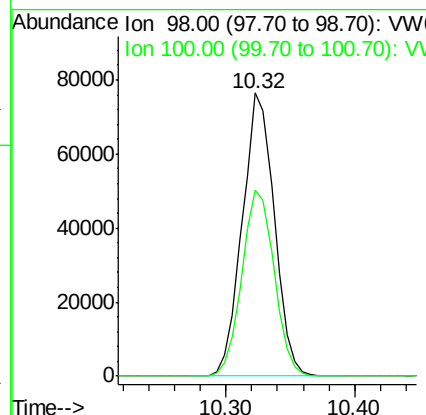
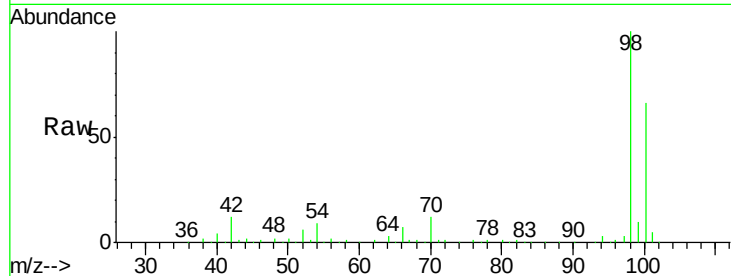




#50
Toluene-d8
Concen: 49.714 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008040.D
Acq: 04 Jan 2019 11:44

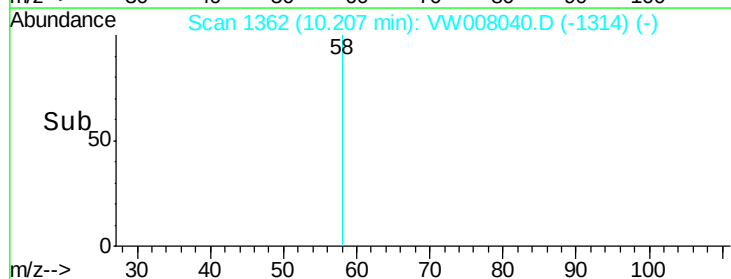
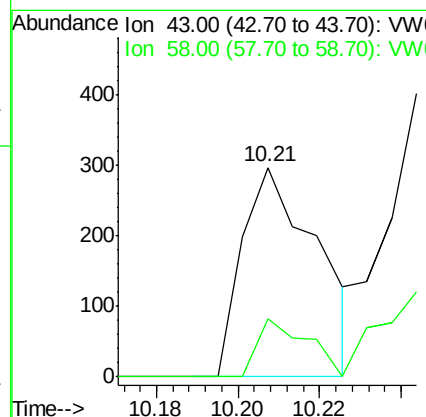
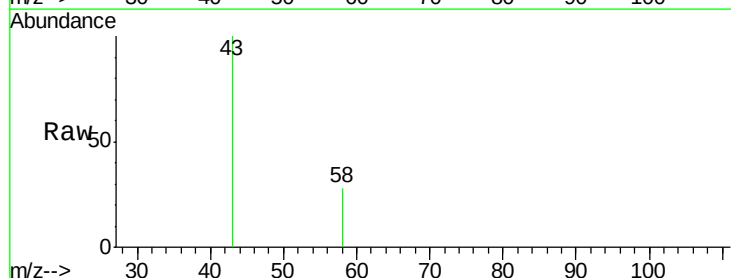
Instrument :
MSVOA_W
ClientSampleId :
VW0104SBL01

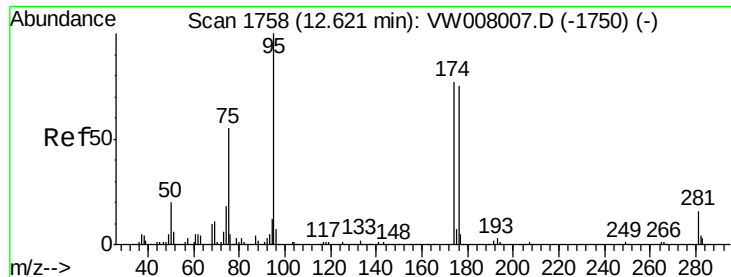
Tot Ion: 98 Resp: 131228
Ion Ratio Lower Upper
98 100
100 66.1 52.9 79.3



#51
4-Methyl-2-Pentanone
Concen: 1.239 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. -0.01 min
Lab File: VW008040.D
Acq: 04 Jan 2019 11:44

Tgt Ion: 43 Resp: 379
Ion Ratio Lower Upper
43 100
58 18.5 32.0 48.0#





#62

4-Bromofluorobenzene

Concen: 41.591 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008040.D

Acq: 04 Jan 2019 11:44

Instrument :

MSVOA_W

ClientSampleId :

VW0104SBL01

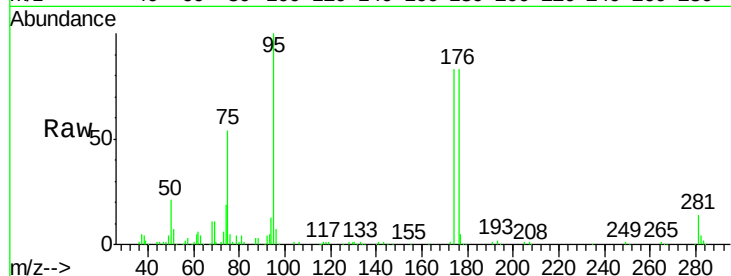
Tot Ion: 95 Resp: 42104

Ion Ratio Lower Upper

95 100

174 83.1 0.0 149.6

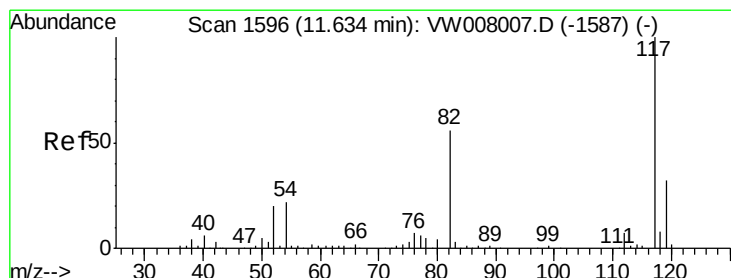
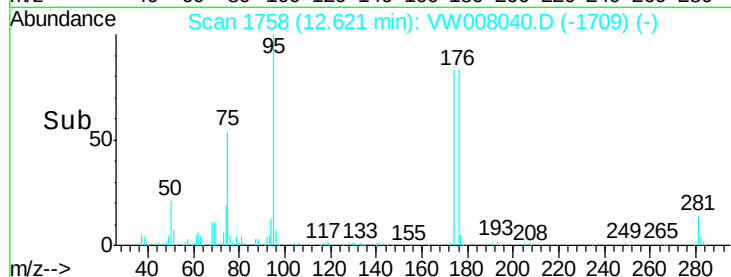
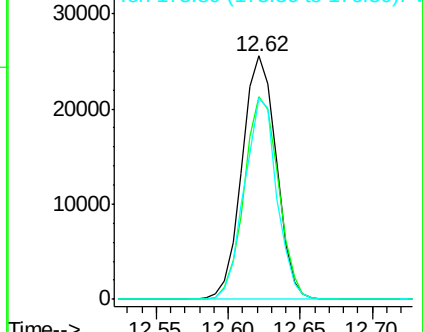
176 78.3 0.0 145.4



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW008040.D

Acq: 04 Jan 2019 11:44

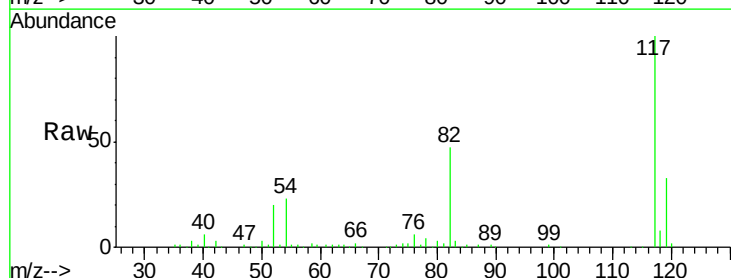
Tgt Ion: 117 Resp: 93853

Ion Ratio Lower Upper

117 100

82 47.1 44.8 67.2

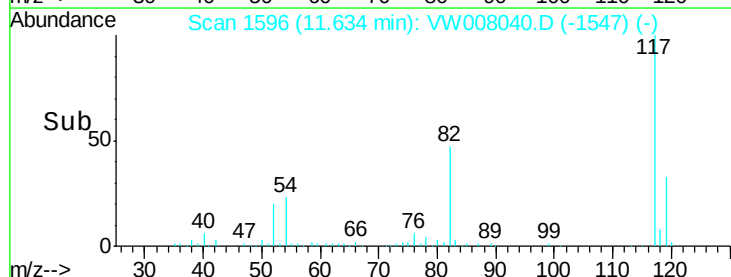
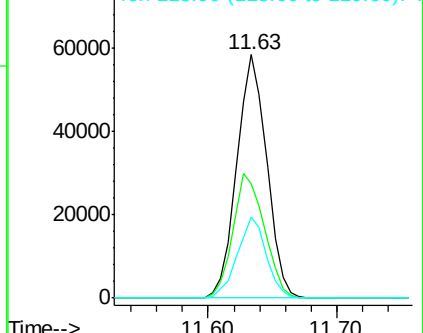
119 33.3 25.6 38.4

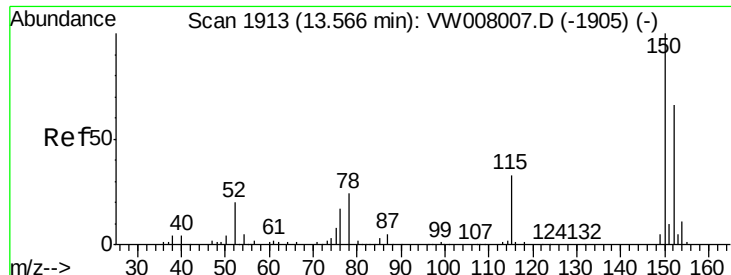


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW008040.D

Acq: 04 Jan 2019 11:44

Instrument :

MSVOA_W

ClientSampleId :

VW0104SBL01

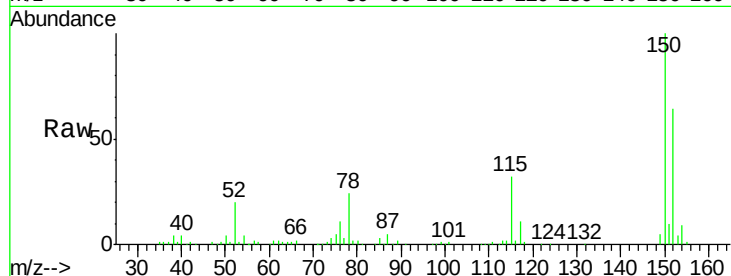
Tot Ion:152 Resp: 42845

Ion Ratio Lower Upper

152 100

115 58.2 32.1 96.5

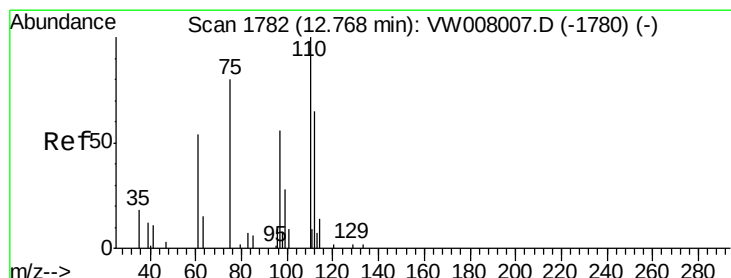
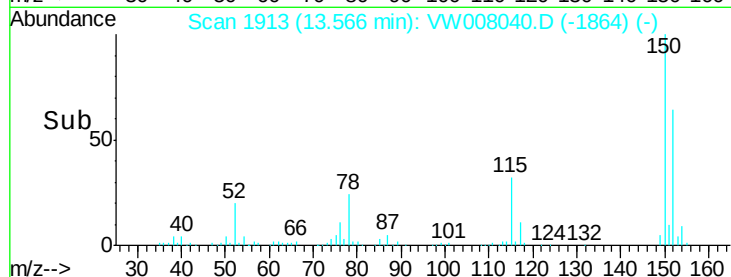
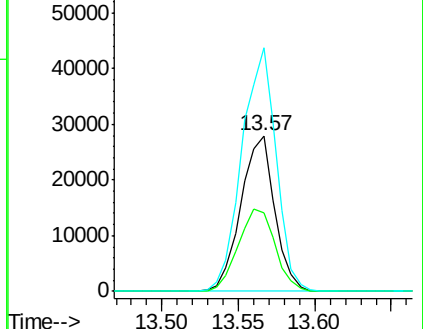
150 158.7 0.0 345.0



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: 66.498 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW008040.D

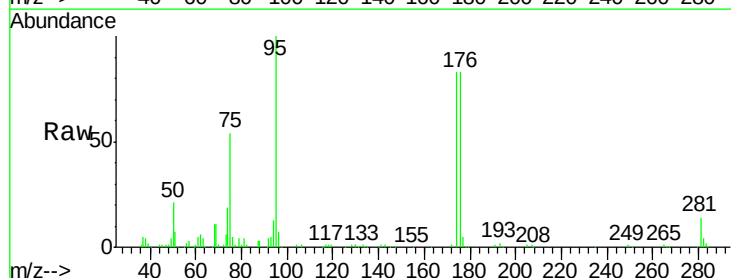
Acq: 04 Jan 2019 11:44

Tgt Ion: 75 Resp: 22666

Ion Ratio Lower Upper

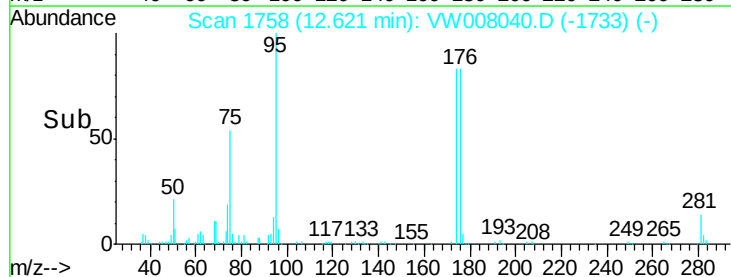
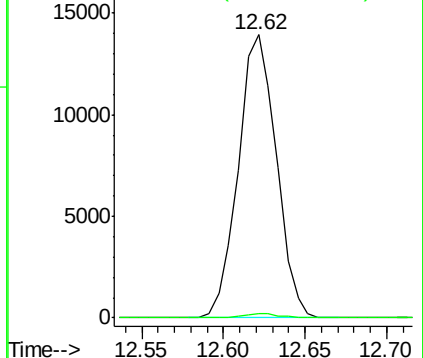
75 100

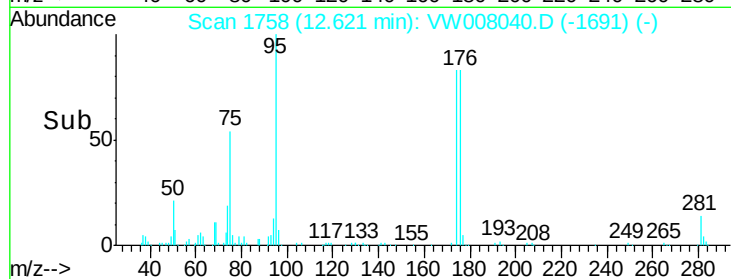
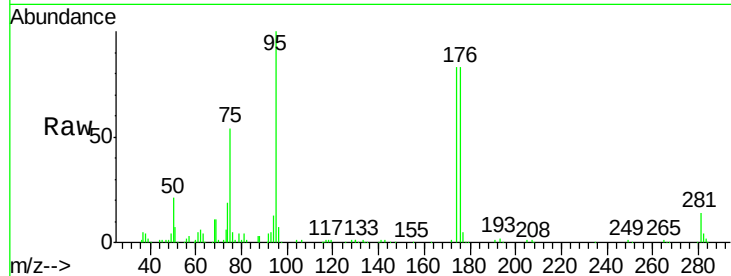
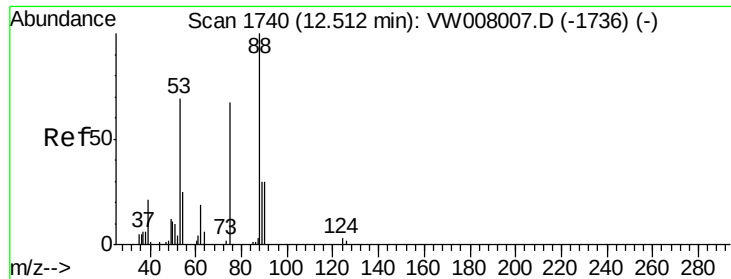
77 1.4 186.2 558.6#



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: 157.257 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW008040.D

Acq: 04 Jan 2019 11:44

Instrument :

MSVOA_W

ClientSampleId :

VW0104SBL01

Tot Ion: 75 Resp: 22666

Ion Ratio Lower Upper

75 100

53 0.0 87.6 131.4#

89 0.0 42.2 63.2#

