

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112118\
 Data File : VW006986.D
 Acq On : 20 Nov 2018 20:32
 Operator : SY/AP
 Sample : J5977-13RE
 Misc : 4.88G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 21 04:49:41 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

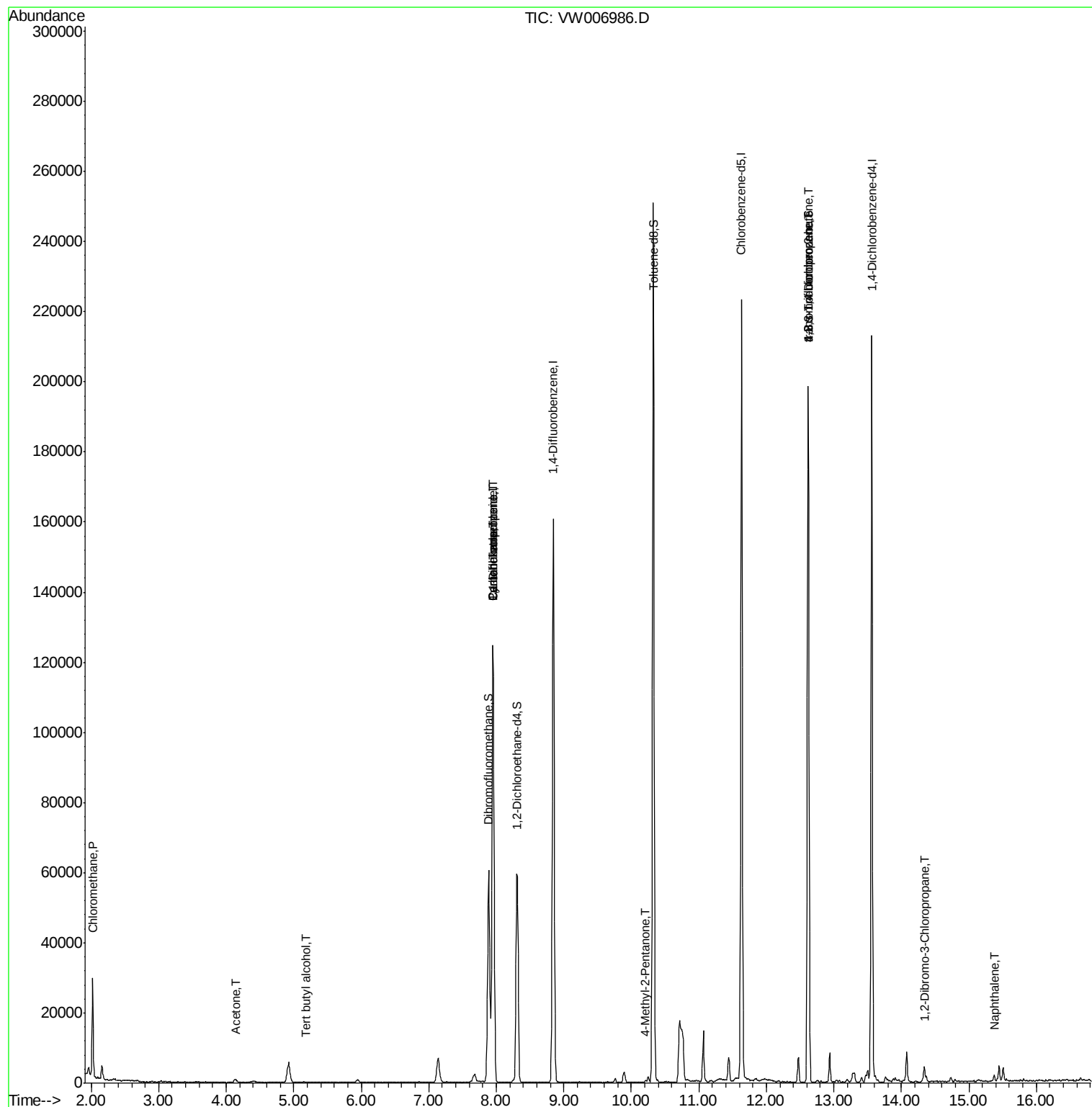
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	91550	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	140532	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	125343	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	53959	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	49356	55.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.14%	
35) Dibromofluoromethane	7.89	113	44629	56.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.46%	
50) Toluene-d8	10.33	98	175772	50.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.32%	
62) 4-Bromofluorobenzene	12.62	95	62735	45.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.98%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.02	50	1559	2.070	ug/l #	87
11) Tert butyl alcohol	5.18	59	76	1.303	ug/l #	71
16) Acetone	4.14	43	1992	15.308	ug/l	98
20) Methylene Chloride	4.93	84	4420	Below Cal	#	94
31) Cyclohexane	7.95	56	1879	1.089	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	6691	4.872	ug/l #	50
38) Carbon Tetrachloride	7.95	117	9453	7.188	ug/l #	17
51) 4-Methyl-2-Pentanone	10.22	43	494	1.031	ug/l #	63
76) 1,2,3-Trichloropropane	12.62	75	31194	73.570	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	31194	184.704	ug/l #	10
92) 1,2-Dibromo-3-Chloropropan	14.34	75	452	4.795	ug/l #	1
95) Naphthalene	15.38	128	1932	1.002	ug/l #	93

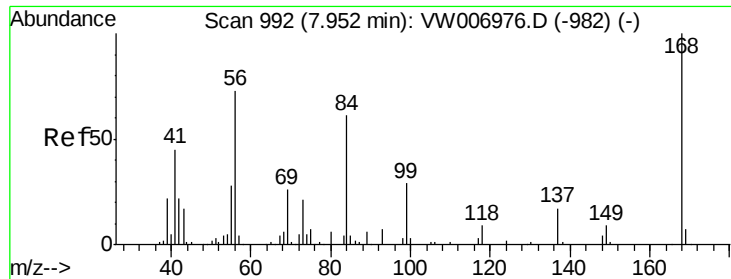
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 21 03:23:02 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW006986.D

Acq: 20 Nov 2018 20:32

Instrument :

MSVOA_W

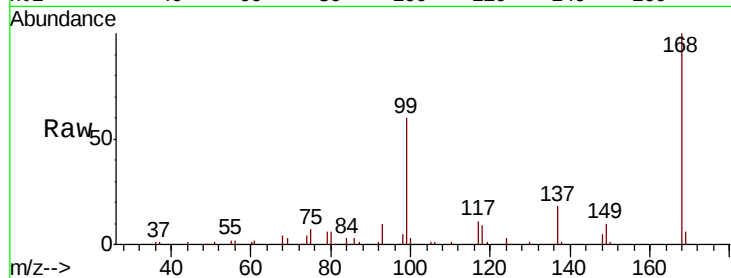
ClientSampleId :

Tot Ion:168 Resp: 91550

Ion Ratio Lower Upper

168 100

99 60.3 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

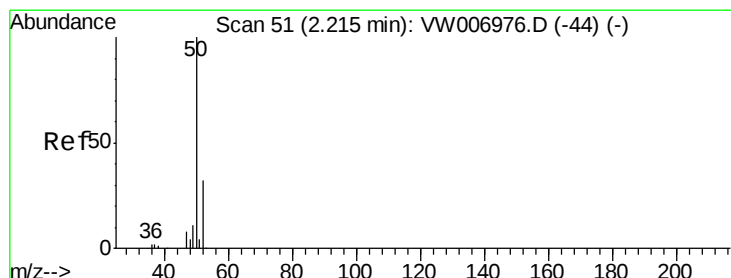
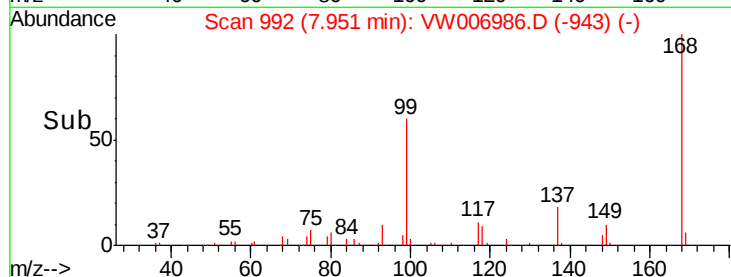
20000

10000

0

Time-->

7.90 8.00



#3

Chloromethane

Concen: 2.070 ug/l

RT: 2.02 min Scan# 19

Delta R.T. -0.20 min

Lab File: VW006986.D

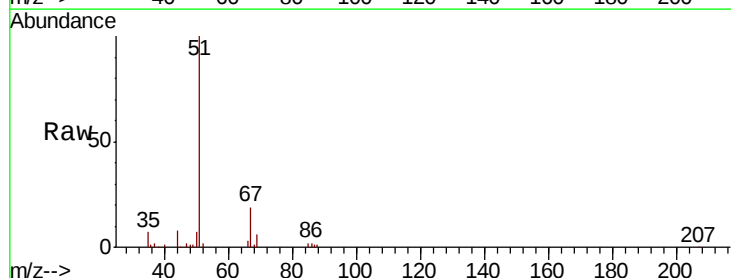
Acq: 20 Nov 2018 20:32

Tgt Ion: 50 Resp: 1559

Ion Ratio Lower Upper

50 100

52 24.9 25.7 38.5#



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW

2.02

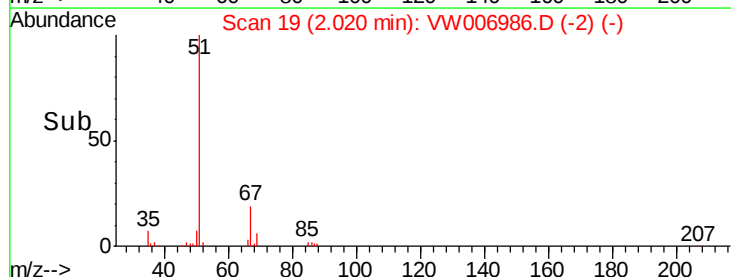
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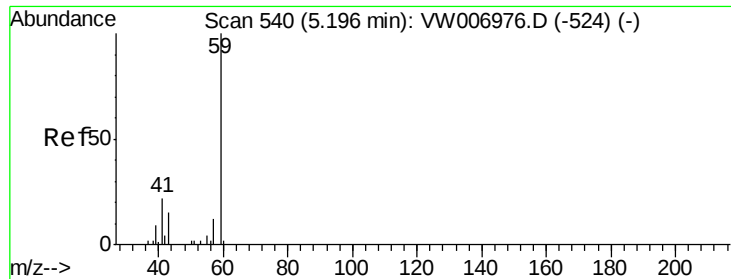
500

0

Time-->

2.00 2.05

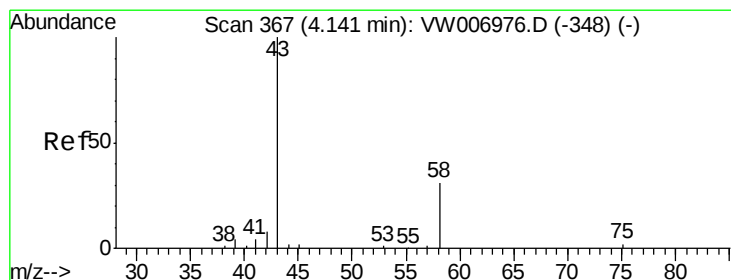
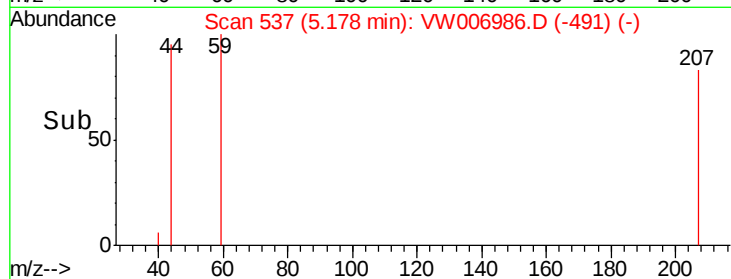
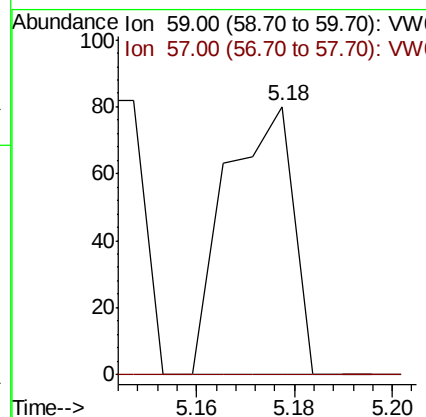
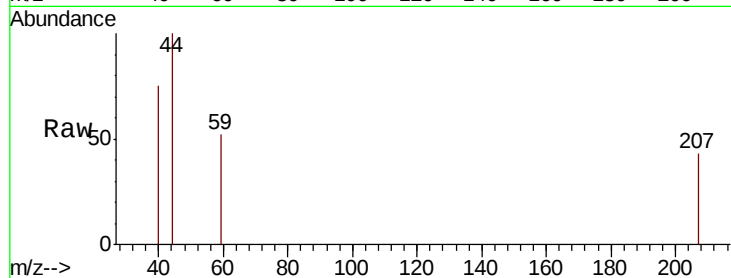




#11
Tert butvl alcohol
Concen: 1.303 ug/l
RT: 5.18 min Scan# 537
Delta R.T. -0.02 min
Lab File: VW006986.D
Acq: 20 Nov 2018 20:32

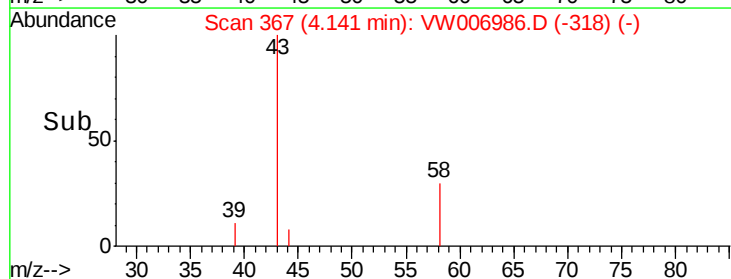
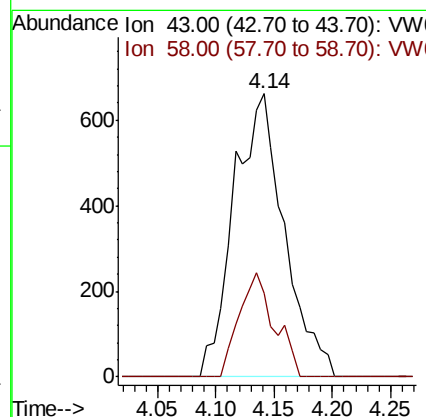
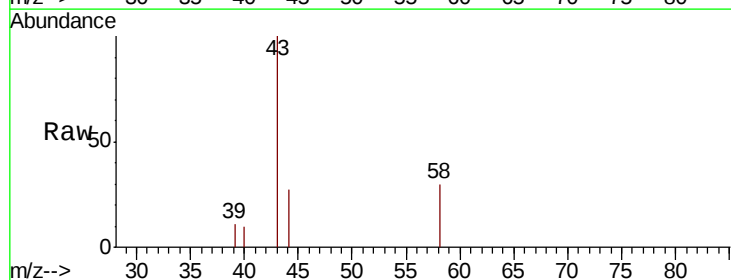
Instrument :
MSVOA_W
ClientSampleId :

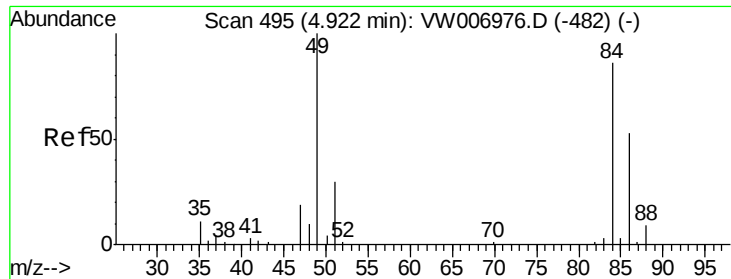
Tot Ion: 59 Resp: 76
Ion Ratio Lower Upper
59 100
57 0.0 8.6 13.0#



#16
Acetone
Concen: 15.308 ug/l
RT: 4.14 min Scan# 367
Delta R.T. -0.00 min
Lab File: VW006986.D
Acq: 20 Nov 2018 20:32

Tgt Ion: 43 Resp: 1992
Ion Ratio Lower Upper
43 100
58 29.8 24.8 37.2

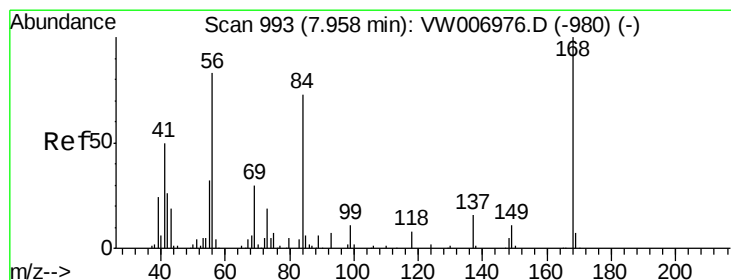
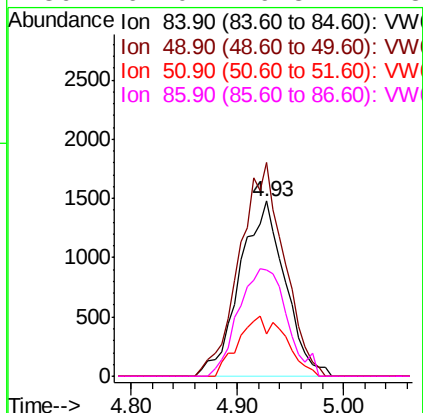
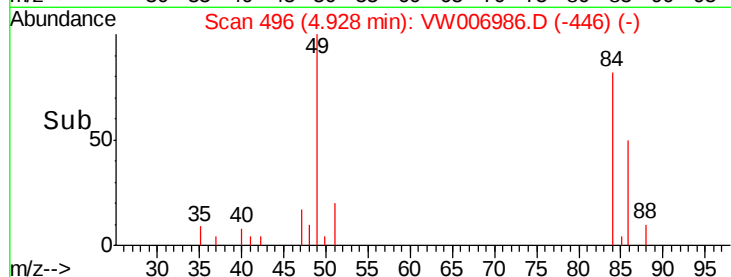
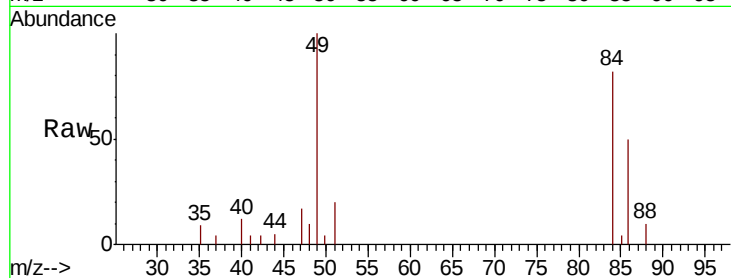




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW006986.D
Acq: 20 Nov 2018 20:32

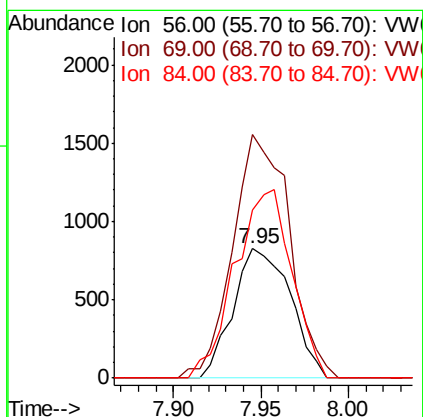
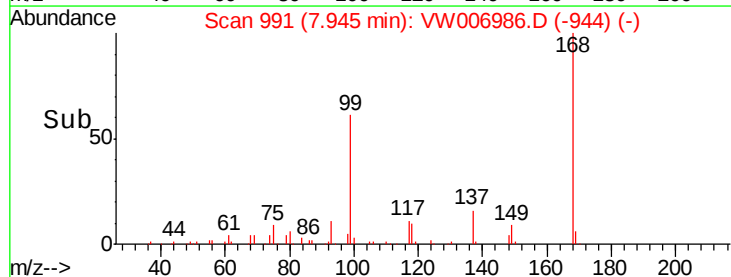
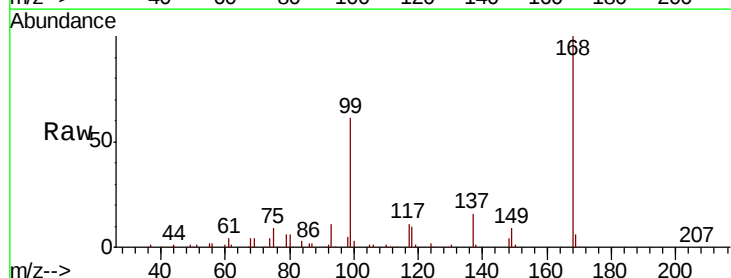
Instrument :
MSVOA_W
ClientSampled :

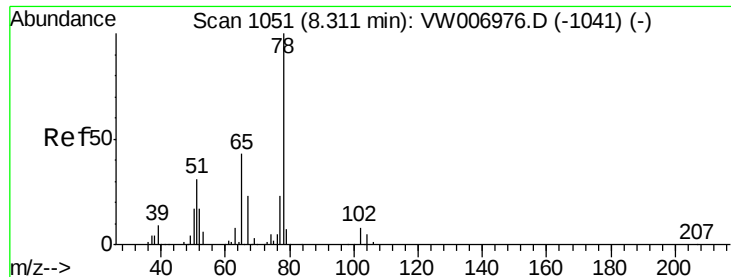
Tot Ion: 84 Resp: 4420
Ion Ratio Lower Upper
84 100
49 122.2 93.4 140.0
51 23.9 28.4 42.6#
86 61.0 49.8 74.8



#31
Cyclohexane
Concen: 1.089 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW006986.D
Acq: 20 Nov 2018 20:32

Tgt Ion: 56 Resp: 1879
Ion Ratio Lower Upper
56 100
69 187.9 29.1 43.7#
84 129.6 70.6 105.8#





#33

1,2-Dichloroethane-d4

Concen: 55.067 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW006986.D

Acq: 20 Nov 2018 20:32

Instrument :

MSVOA_W

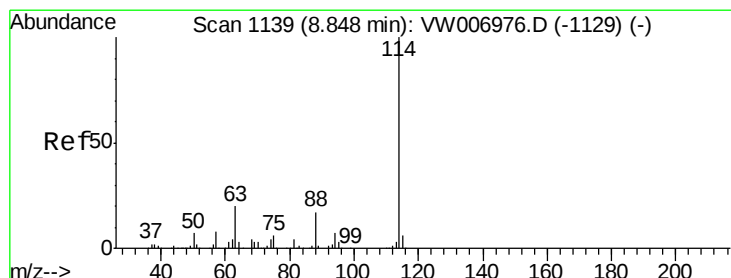
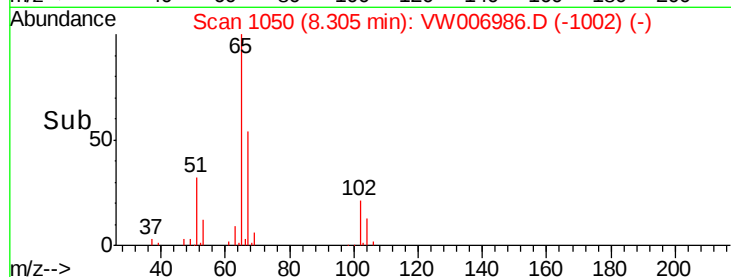
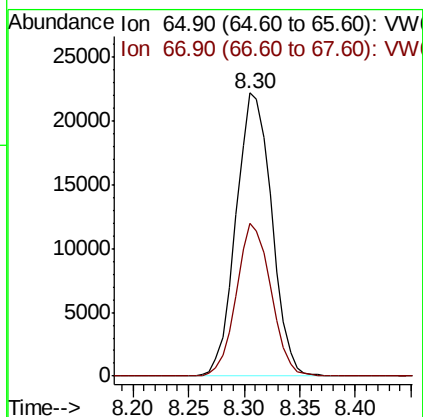
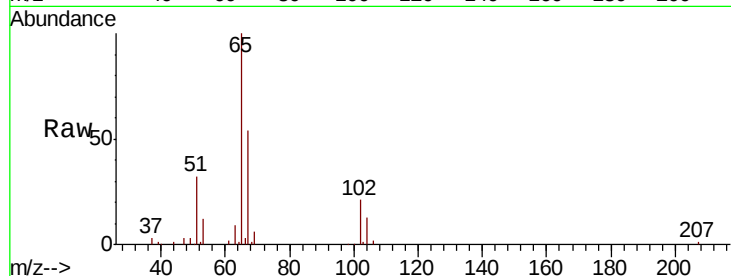
ClientSampled :

Tot Ion: 65 Resp: 49356

Ion Ratio Lower Upper

65 100

67 52.2 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. -0.00 min

Lab File: VW006986.D

Acq: 20 Nov 2018 20:32

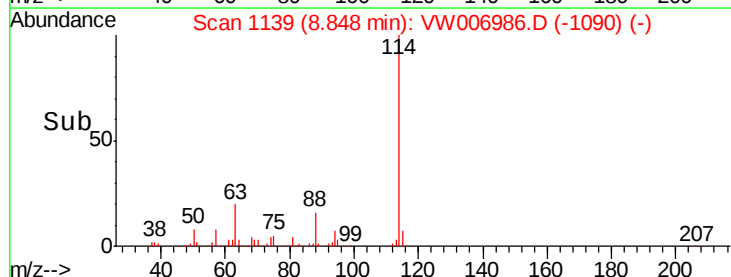
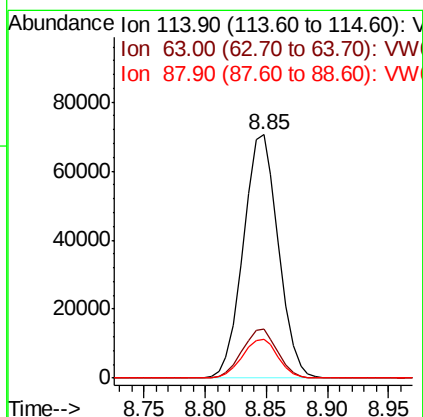
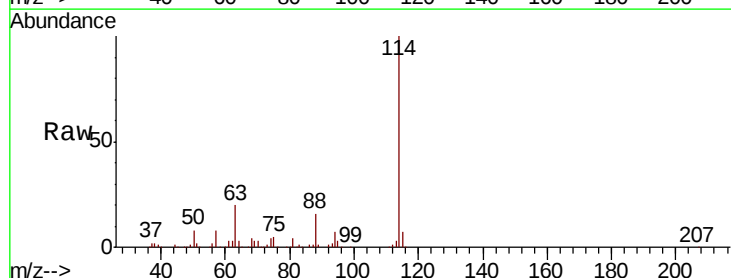
Tgt Ion: 114 Resp: 140532

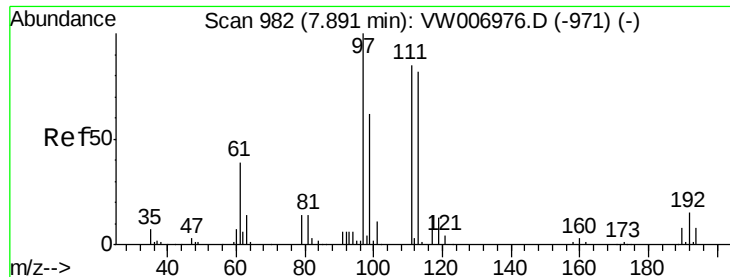
Ion Ratio Lower Upper

114 100

63 20.4 0.0 39.4

88 15.8 0.0 34.2

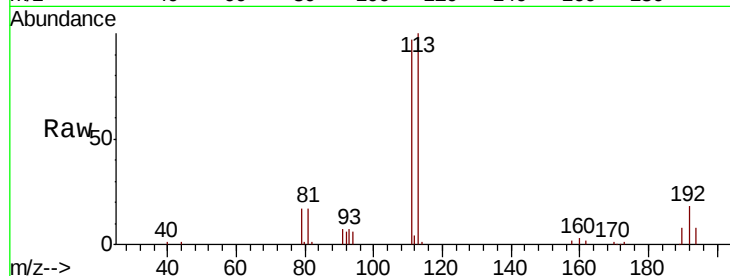




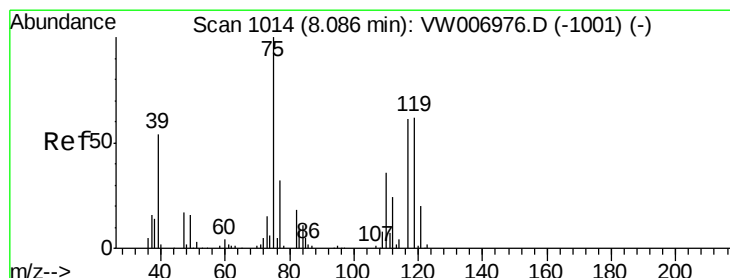
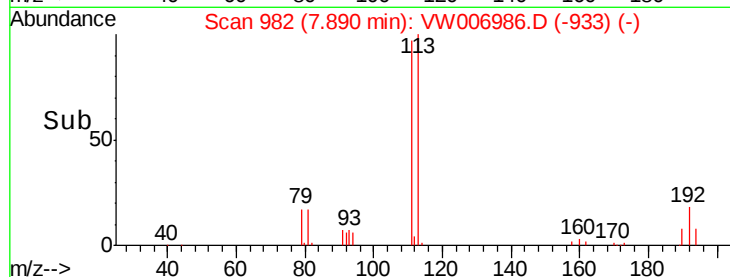
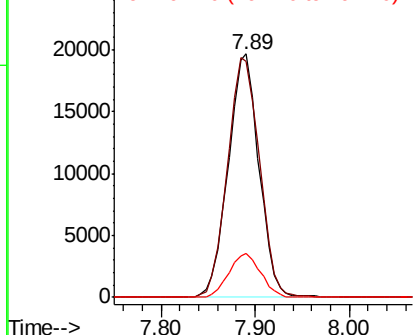
#35
Dibromofluoromethane
Concen: 56.235 ug/l
RT: 7.89 min Scan# 982
Delta R.T. -0.00 min
Lab File: VW006986.D
Acq: 20 Nov 2018 20:32

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:113 Resp: 44629
Ion Ratio Lower Upper
113 100
111 102.3 81.0 121.6
192 18.5 15.0 22.6

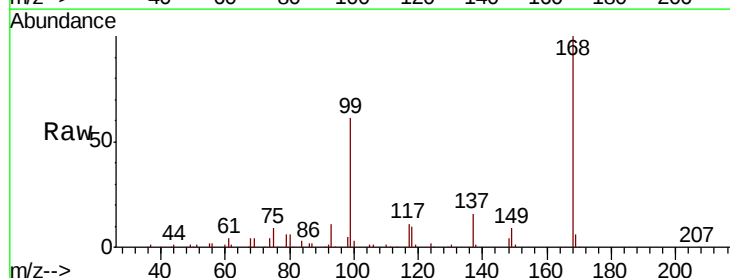


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

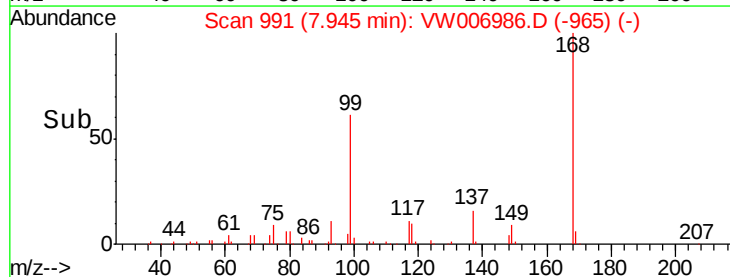
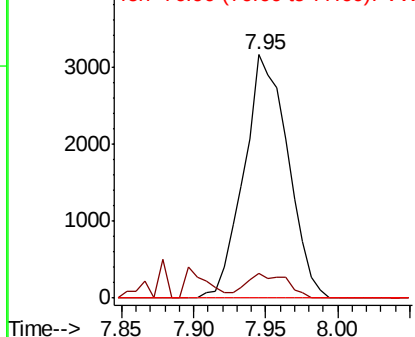


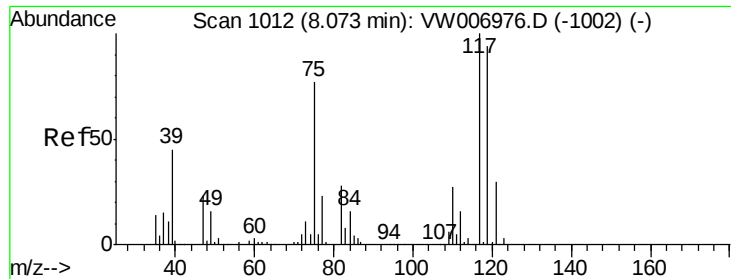
#36
1,1-Dichloropropene
Concen: 4.872 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.14 min
Lab File: VW006986.D
Acq: 20 Nov 2018 20:32

Tgt Ion: 75 Resp: 6691
Ion Ratio Lower Upper
75 100
110 9.6 18.0 54.0#
77 0.0 24.9 37.3#



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

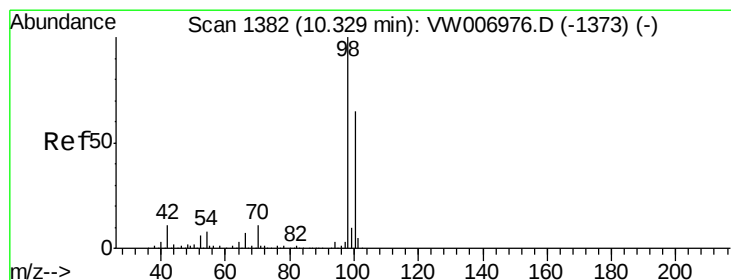
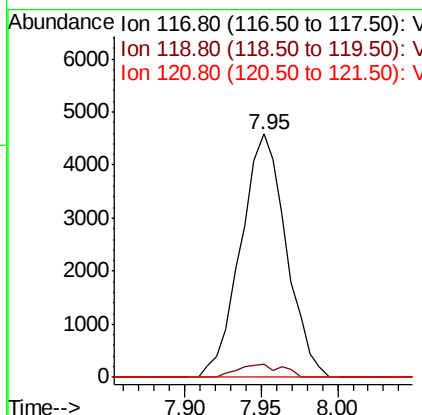
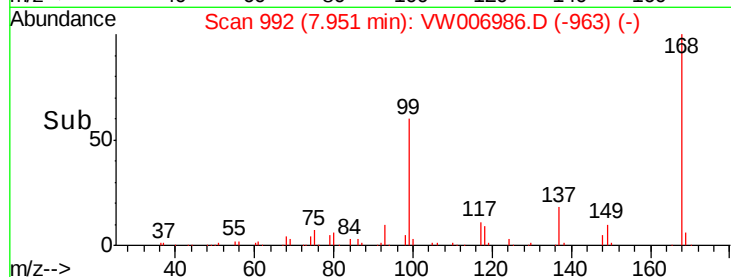
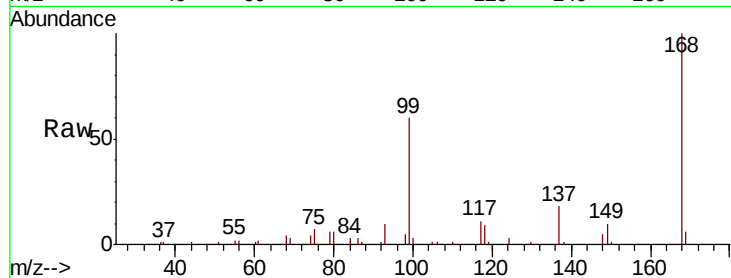




#38
Carbon Tetrachloride
Concen: 7.188 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW006986.D
Acq: 20 Nov 2018 20:32

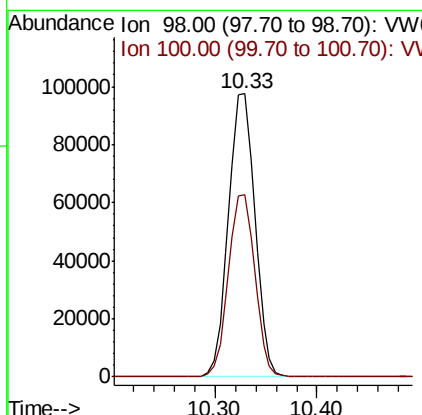
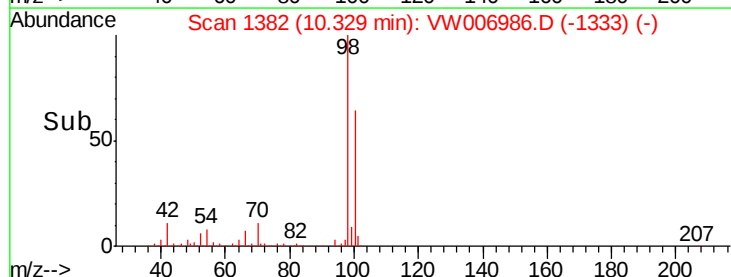
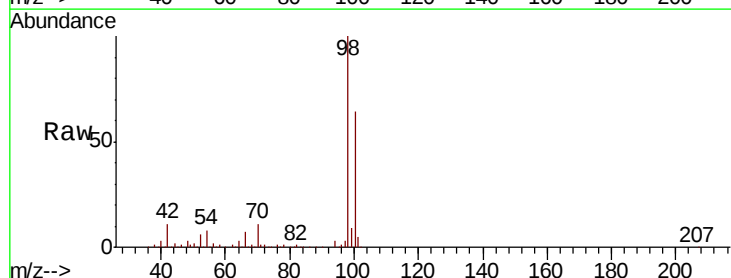
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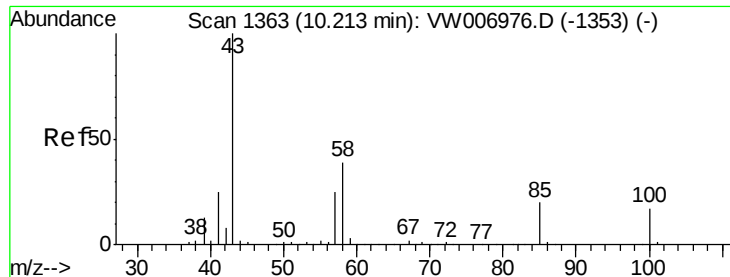
Tot Ion:117 Resp: 9453
Ion Ratio Lower Upper
117 100
119 5.5 74.9 112.3#
121 0.0 23.6 35.4#



#50
Toluene-d8
Concen: 50.156 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006986.D
Acq: 20 Nov 2018 20:32

Tgt Ion: 98 Resp: 175772
Ion Ratio Lower Upper
98 100
100 64.2 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 1.031 ug/l

RT: 10.22 min Scan# 1364

Delta R.T. 0.01 min

Lab File: VW006986.D

Acq: 20 Nov 2018 20:32

Instrument :

MSVOA_W

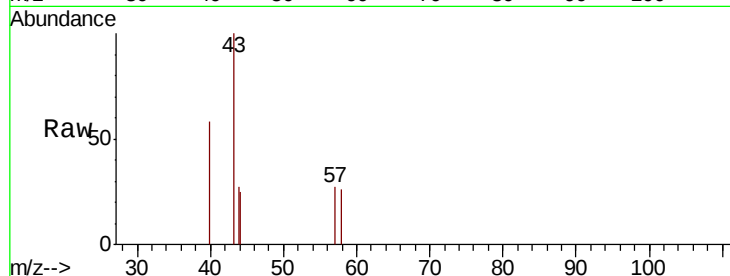
ClientSampleId :

Tot Ion: 43 Resp: 494

Ion Ratio Lower Upper

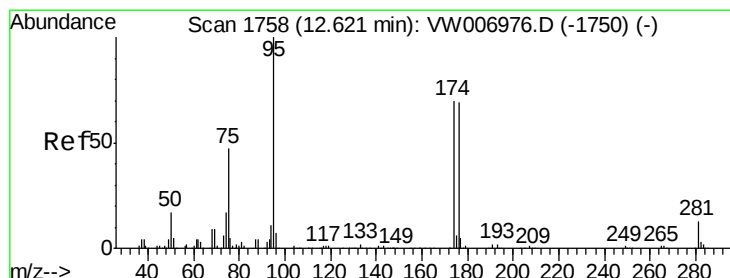
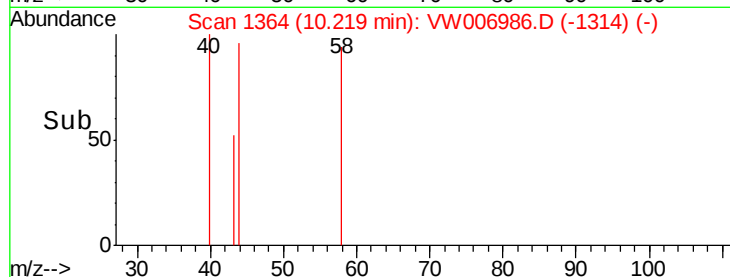
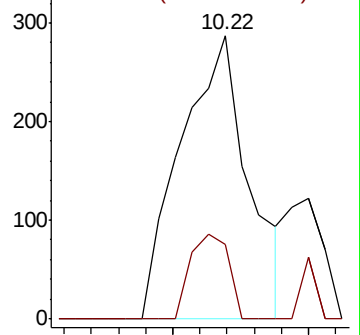
43 100

58 17.0 31.8 47.6#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#62

4-Bromofluorobenzene

Concen: 45.490 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006986.D

Acq: 20 Nov 2018 20:32

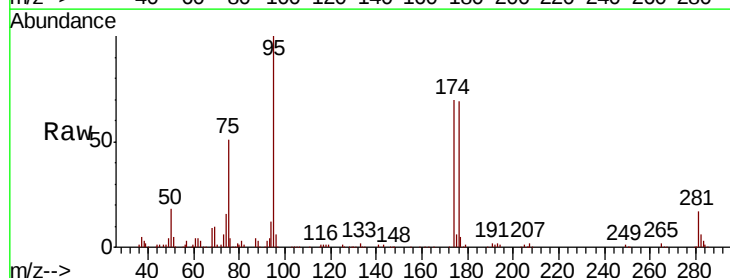
Tgt Ion: 95 Resp: 62735

Ion Ratio Lower Upper

95 100

174 72.9 0.0 143.6

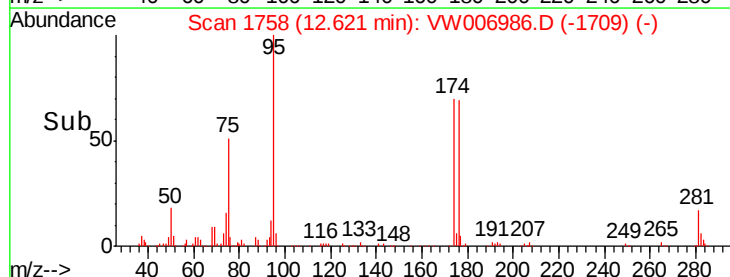
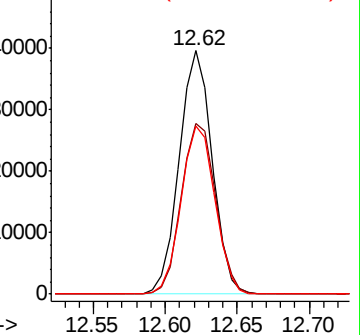
176 70.7 0.0 140.4

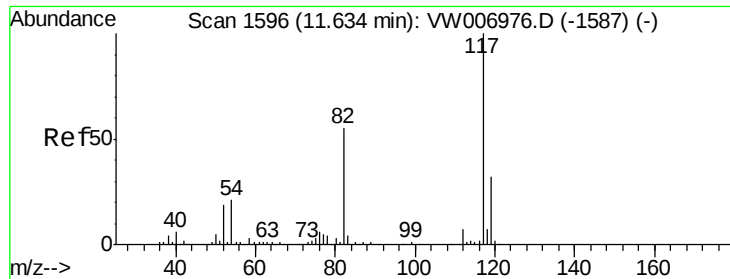


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

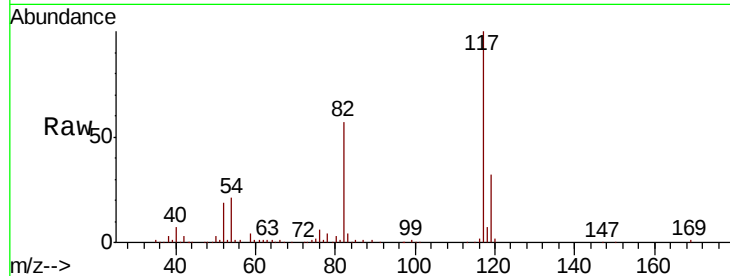




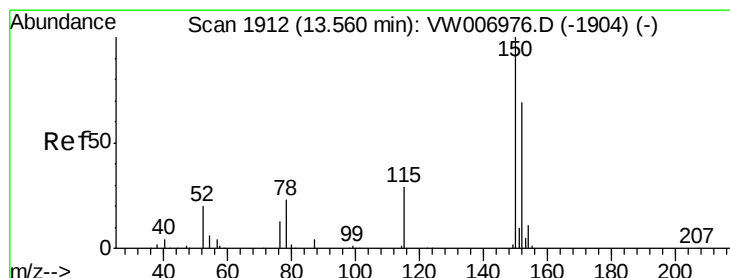
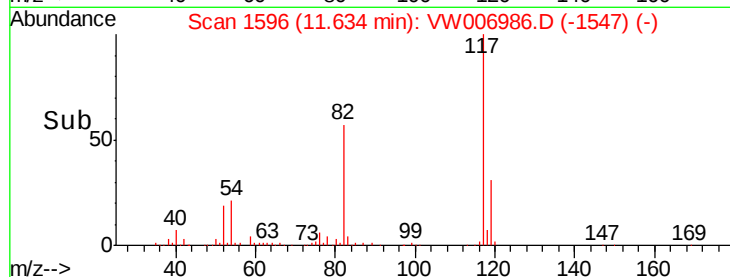
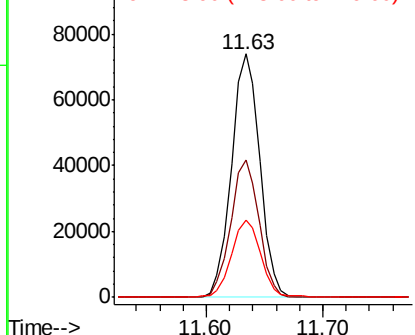
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006986.D
Acq: 20 Nov 2018 20:32

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 125343
Ion Ratio Lower Upper
117 100
82 56.6 44.2 66.2
119 31.6 25.9 38.9

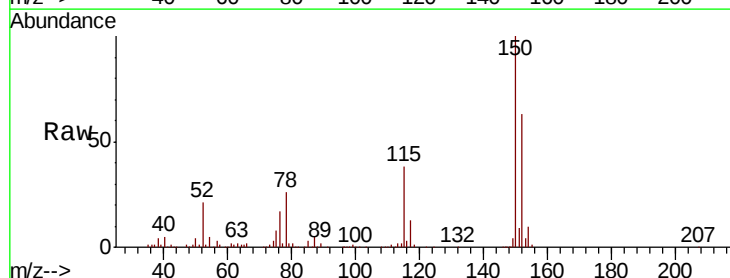


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

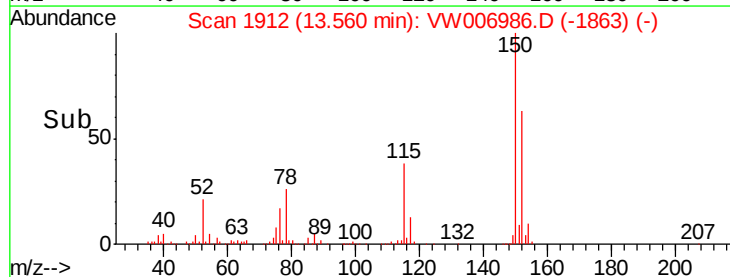
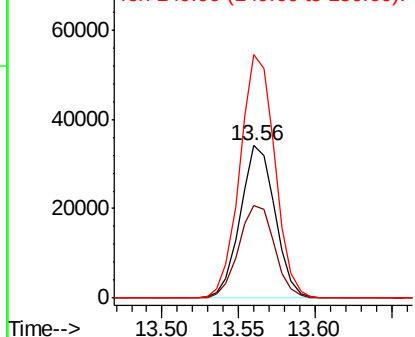


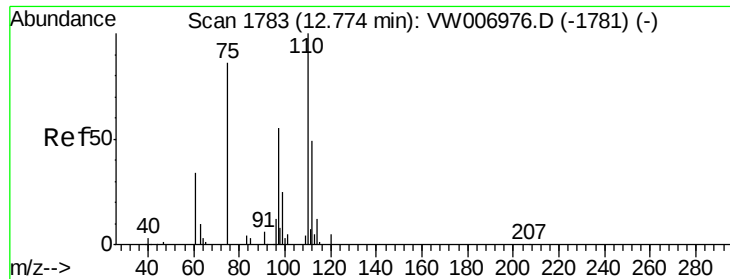
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW006986.D
Acq: 20 Nov 2018 20:32

Tgt Ion:152 Resp: 53959
Ion Ratio Lower Upper
152 100
115 62.4 31.4 94.2
150 159.7 0.0 353.4



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: 73.570 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006986.D

Acq: 20 Nov 2018 20:32

Instrument :

MSVOA_W

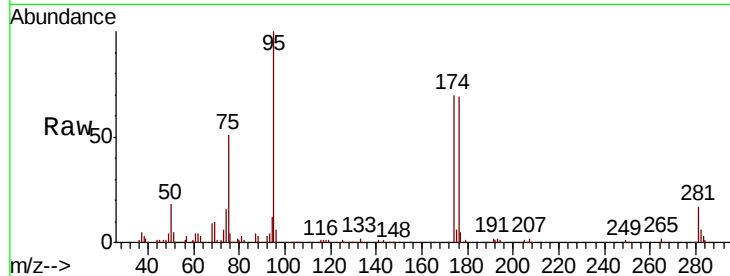
ClientSampleId :

Tot Ion: 75 Resp: 31194

Ion Ratio Lower Upper

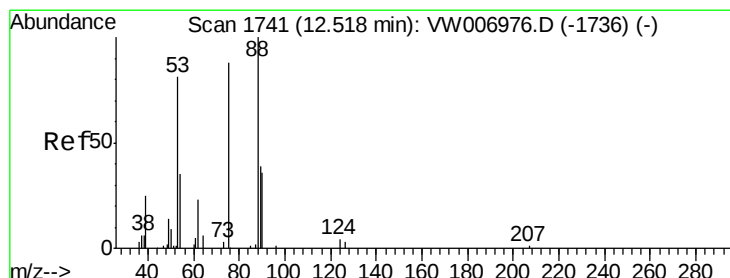
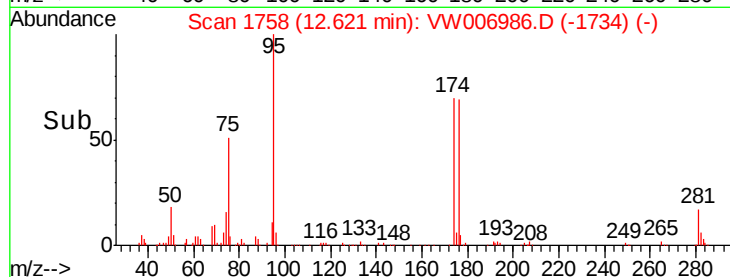
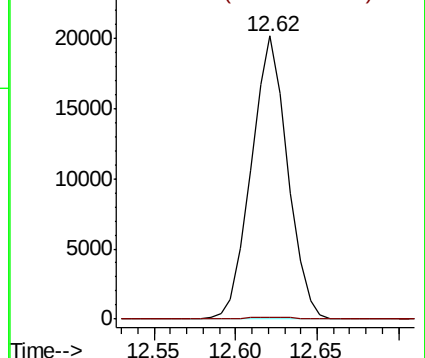
75 100

77 0.9 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: 184.704 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006986.D

Acq: 20 Nov 2018 20:32

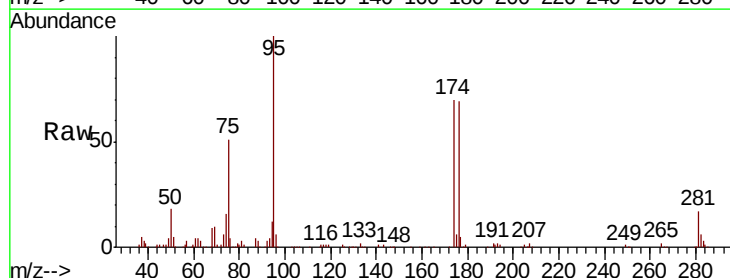
Tgt Ion: 75 Resp: 31194

Ion Ratio Lower Upper

75 100

53 0.0 77.6 116.4#

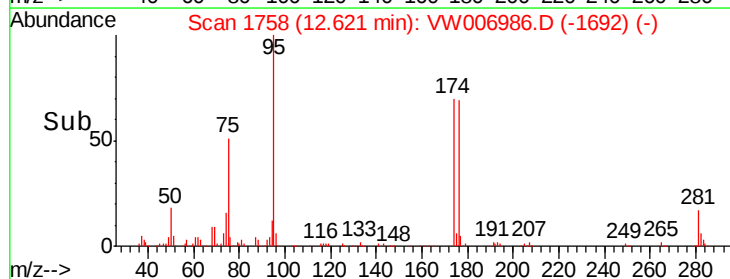
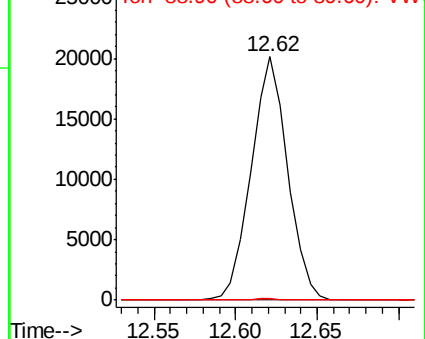
89 0.3 39.3 58.9#

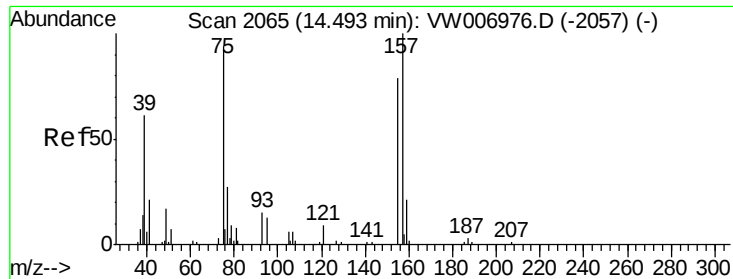


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW





#92

1,2-Dibromo-3-Chloropropane

Concen: 4.795 ug/l

RT: 14.34 min Scan# 2040

Delta R.T. -0.15 min

Lab File: VW006986.D

Acq: 20 Nov 2018 20:32

Instrument :

MSVOA_W

ClientSampleId :

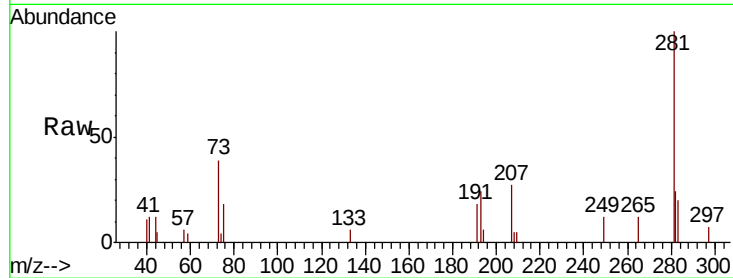
Tot Ion: 75 Resp: 452

Ion Ratio Lower Upper

75 100

155 0.0 42.6 127.8#

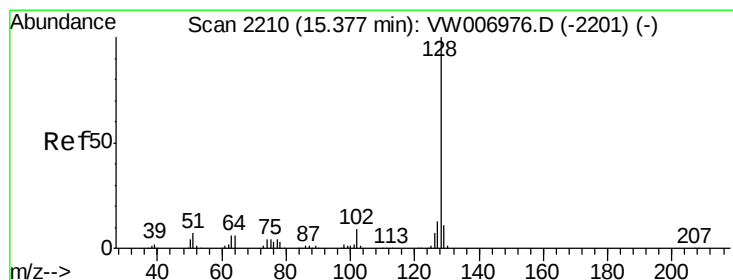
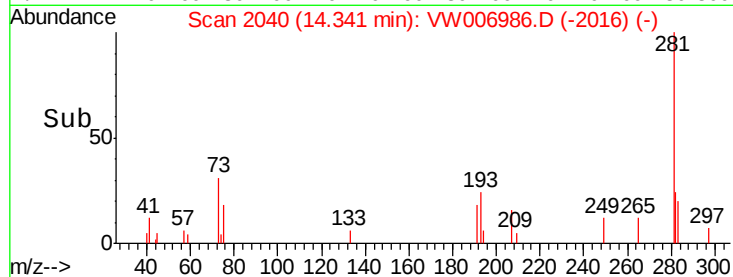
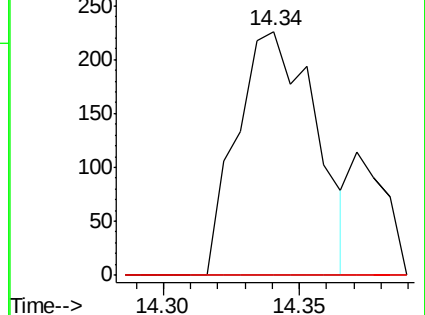
157 0.0 55.0 165.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#95

Naphthalene

Concen: 1.002 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. -0.00 min

Lab File: VW006986.D

Acq: 20 Nov 2018 20:32

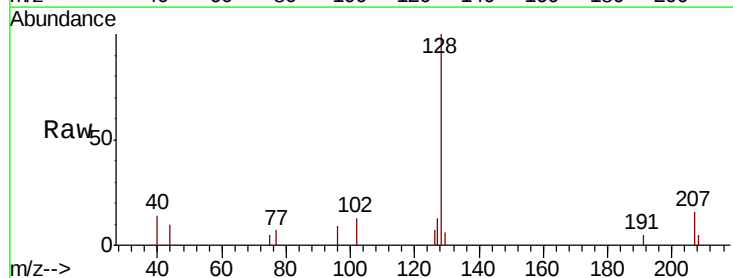
Tgt Ion:128 Resp: 1932

Ion Ratio Lower Upper

128 100

127 10.1 10.5 15.7#

129 8.5 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

