

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122518\
 Data File : VW007881.D
 Acq On : 24 Dec 2018 11:48
 Operator : SY/AP
 Sample : VW1225SBL01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 25 02:00:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 06:30:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	78595	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	128112	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	111470	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	55287	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	42524	49.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.72%	
35) Dibromofluoromethane	7.88	113	38897	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	
50) Toluene-d8	10.32	98	152327	51.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.40%	
62) 4-Bromofluorobenzene	12.62	95	58148	51.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.18%	

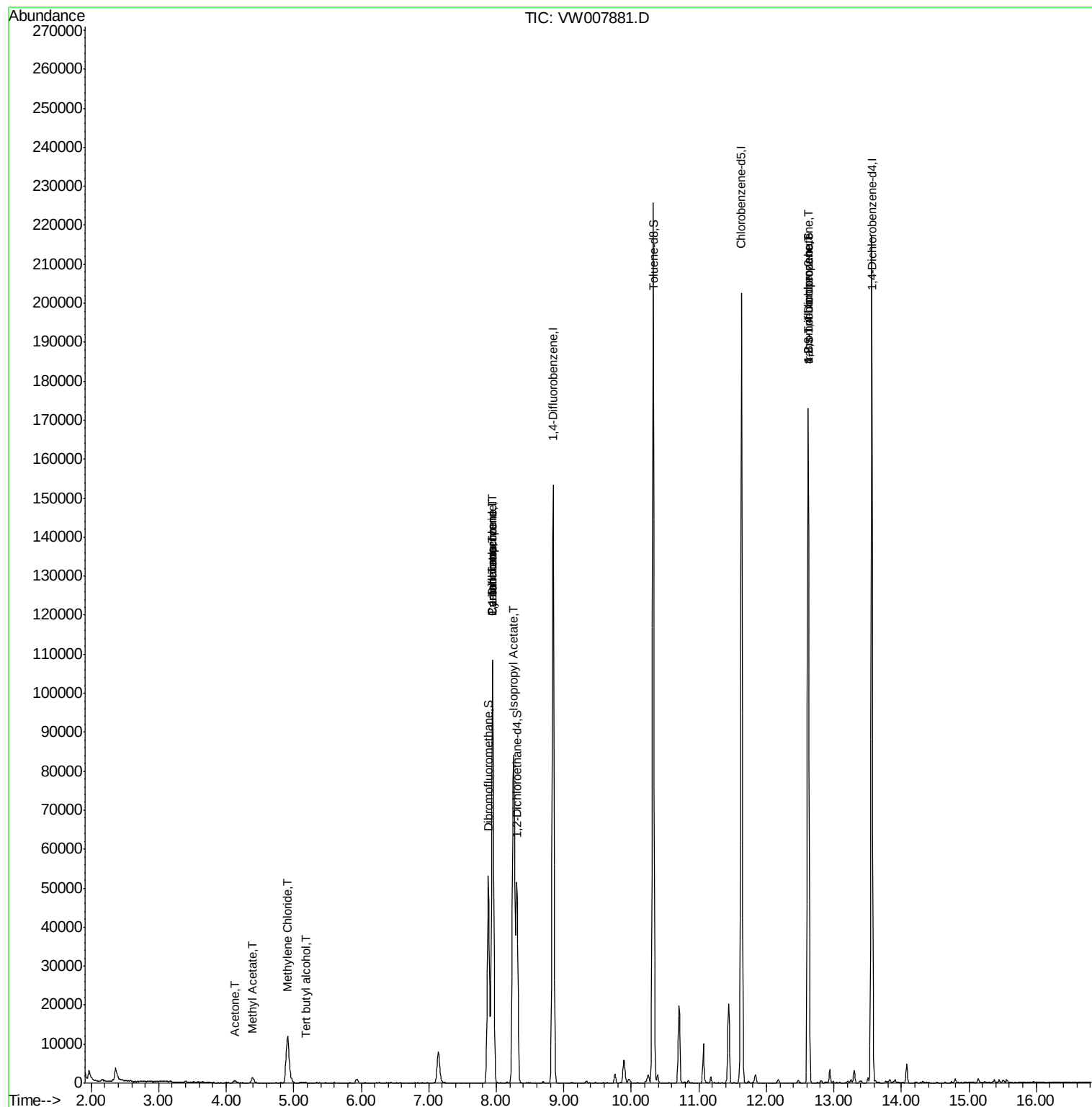
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.18	59	406	6.987	ug/l #	73
16) Acetone	4.13	43	1249	7.743	ug/l	99
18) Methyl Acetate	4.38	43	480	1.251	ug/l #	46
20) Methylene Chloride	4.92	84	10096	7.105	ug/l	92
31) Cyclohexane	7.95	56	1675	1.306	ug/l #	39
36) 1,1-Dichloropropene	7.95	75	6253	5.057	ug/l #	50
38) Carbon Tetrachloride	7.95	117	8557	5.876	ug/l #	15
43) Isopropyl Acetate	8.26	43	1909	2.233	ug/l #	23
76) 1,2,3-Trichloropropane	12.62	75	29119	68.144	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	29119	143.039	ug/l #	9

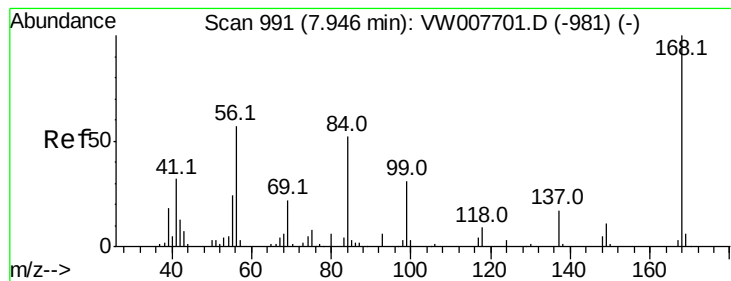
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122518\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 20 06:30:23 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW007881.D

Acq: 24 Dec 2018 11:48

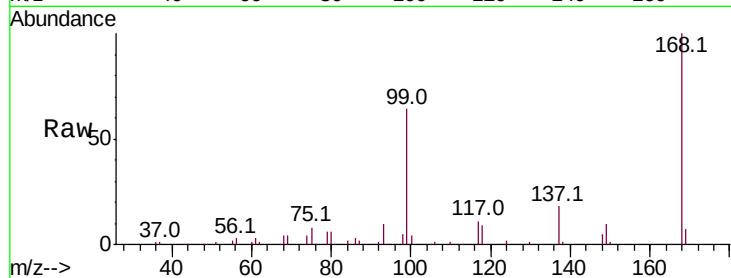
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 78595

Ion Ratio Lower Upper

168 100

99 64.3 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

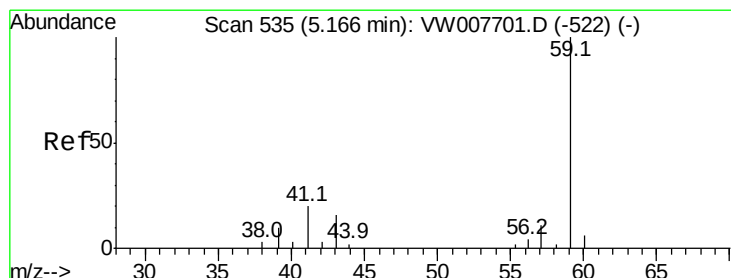
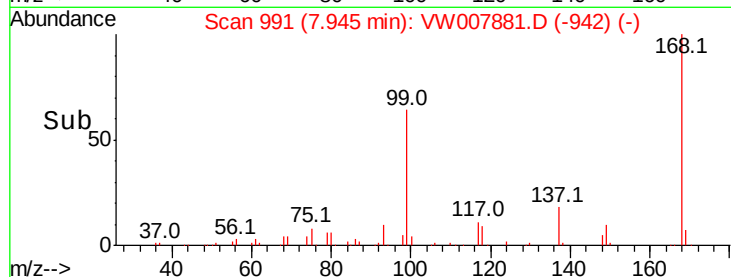
20000

10000

0

Time-->

7.85 7.90 7.95 8.00 8.05



#11

Tert butyl alcohol

Concen: 6.987 ug/l

RT: 5.18 min Scan# 537

Delta R.T. 0.01 min

Lab File: VW007881.D

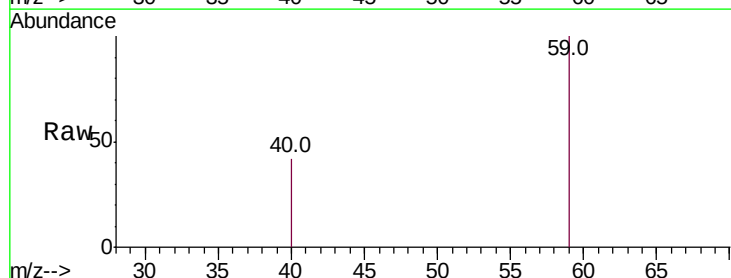
Acq: 24 Dec 2018 11:48

Tgt Ion: 59 Resp: 406

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.18

200

150

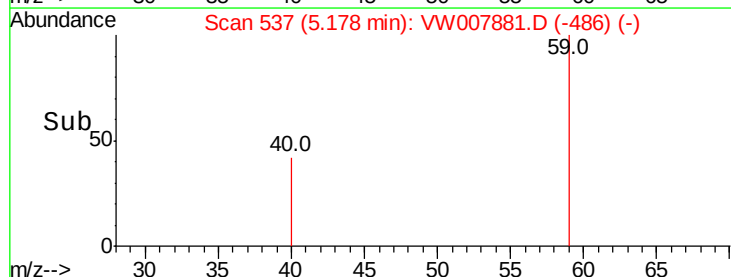
100

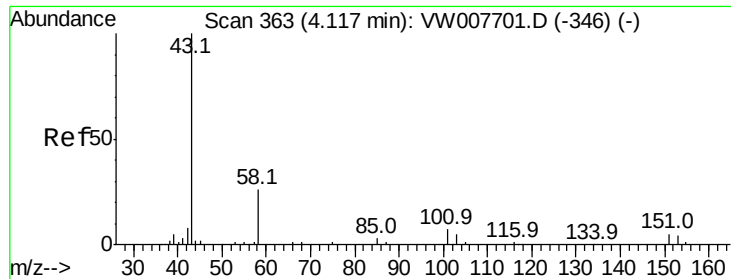
50

0

Time-->

5.10 5.15 5.20





#16

Acetone

Concen: 7.743 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW007881.D

Acq: 24 Dec 2018 11:48

Instrument :

MSVOA_W

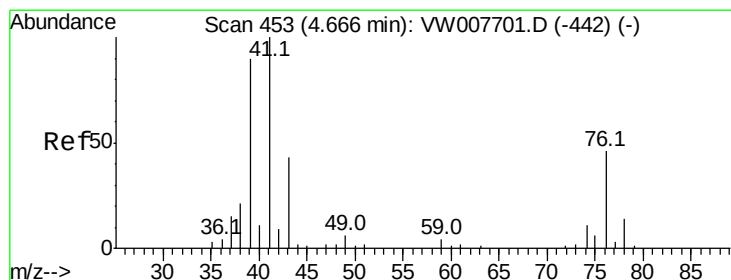
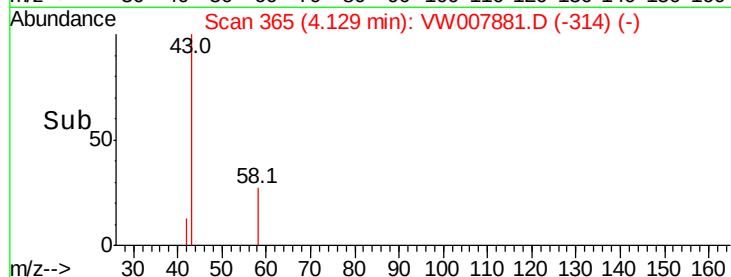
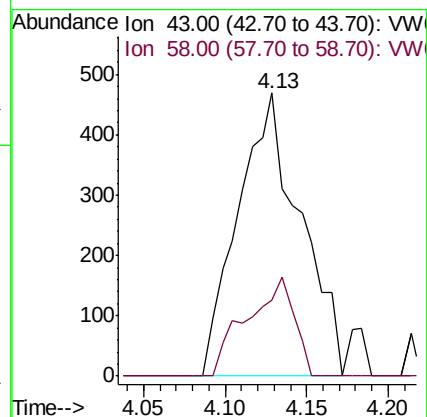
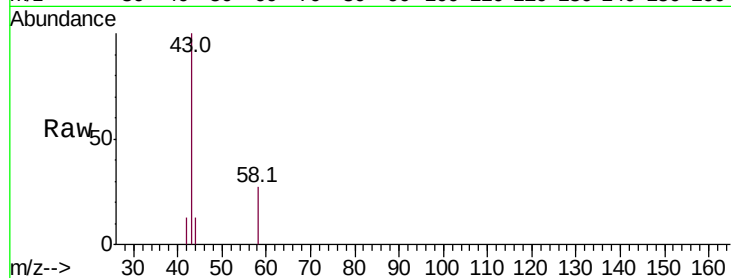
ClientSampled :

Tot Ion: 43 Resp: 1249

Ion Ratio Lower Upper

43 100

58 27.1 21.2 31.8



#18

Methyl Acetate

Concen: 1.251 ug/l

RT: 4.38 min Scan# 407

Delta R.T. -0.28 min

Lab File: VW007881.D

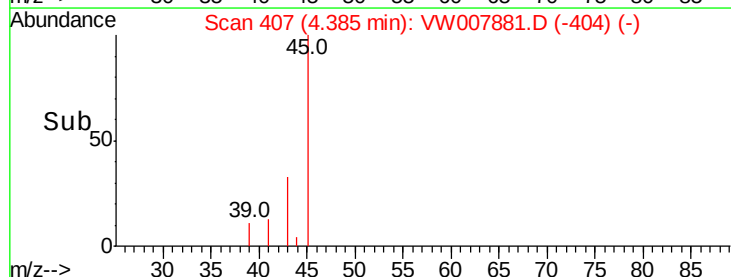
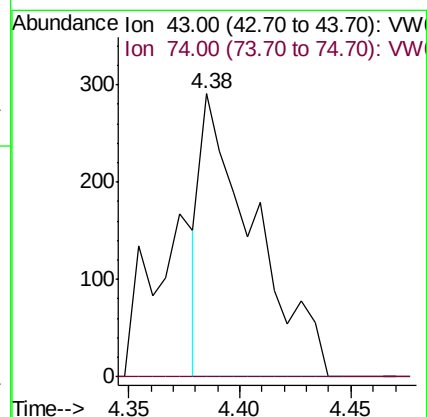
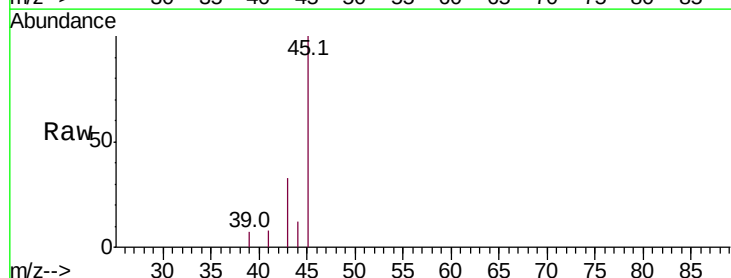
Acq: 24 Dec 2018 11:48

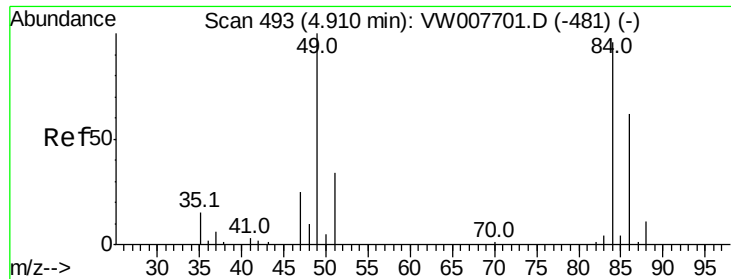
Tgt Ion: 43 Resp: 480

Ion Ratio Lower Upper

43 100

74 0.0 22.7 34.1#

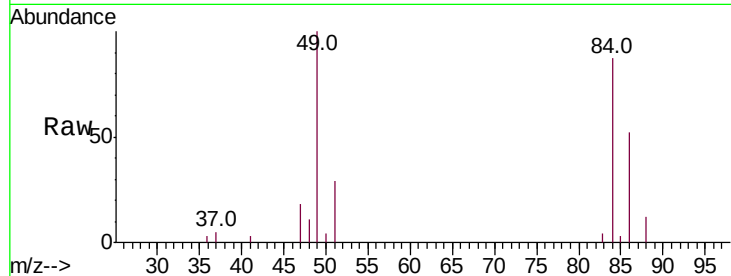




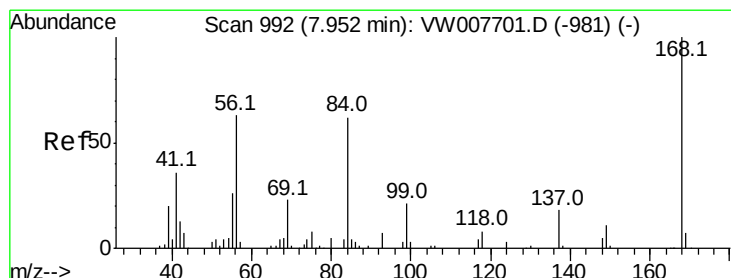
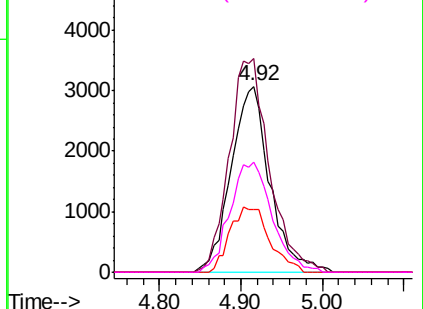
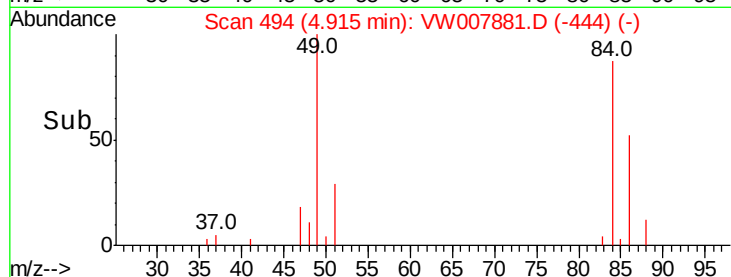
#20
Methylene Chloride
Concen: 7.105 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW007881.D
Acq: 24 Dec 2018 11:48

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 84 Resp: 10096
Ion Ratio Lower Upper
84 100
49 114.8 83.7 125.5
51 33.6 28.2 42.2
86 59.2 52.2 78.2

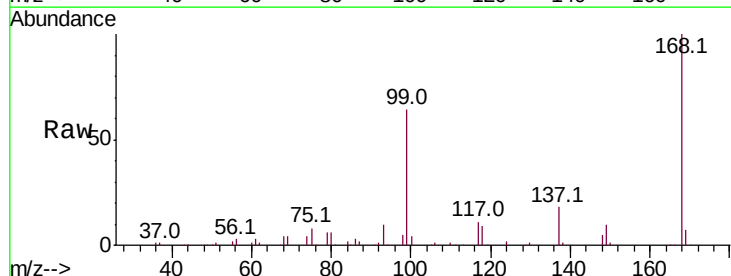


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

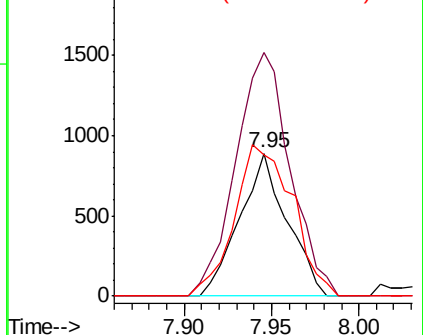
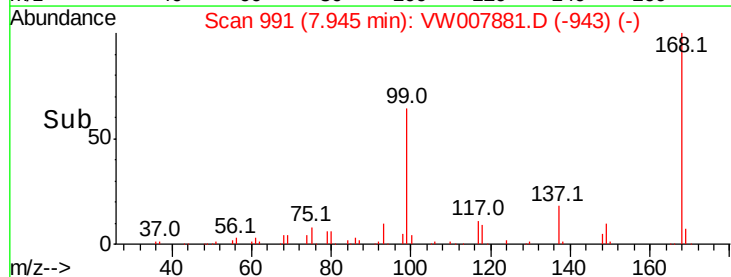


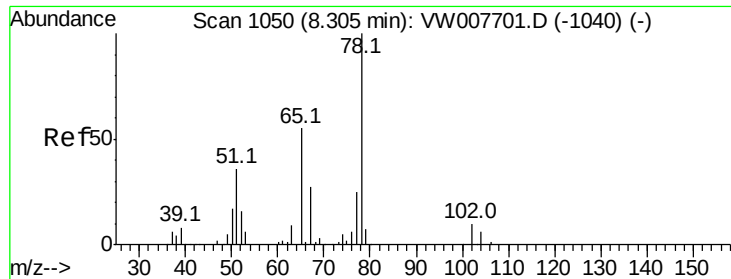
#31
Cyclohexane
Concen: 1.306 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW007881.D
Acq: 24 Dec 2018 11:48

Tgt Ion: 56 Resp: 1675
Ion Ratio Lower Upper
56 100
69 170.4 29.7 44.5#
84 98.4 78.9 118.3



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

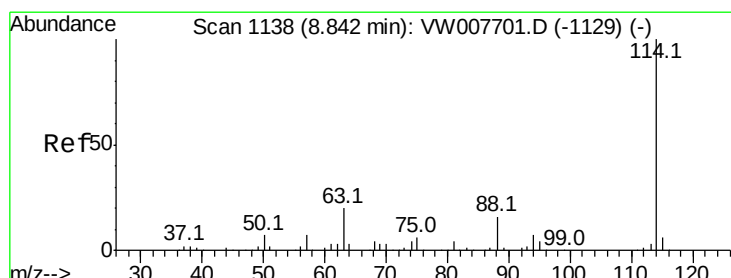
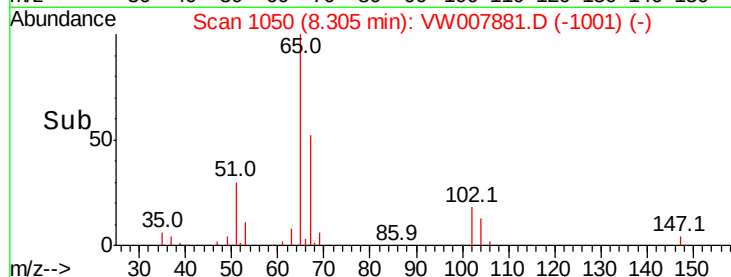
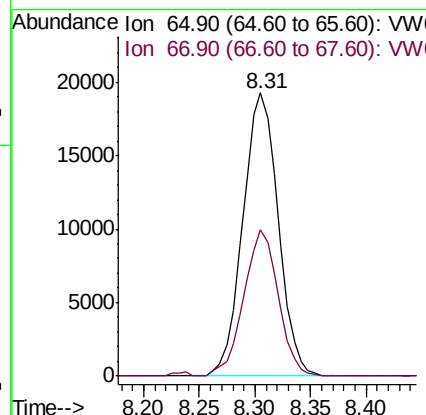
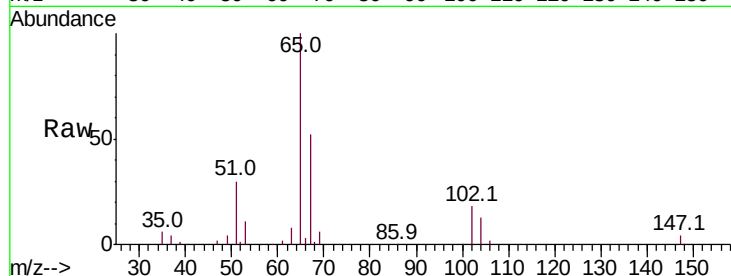




#33
 1,2-Dichloroethane-d4
 Concen: 49.364 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007881.D
 Acq: 24 Dec 2018 11:48

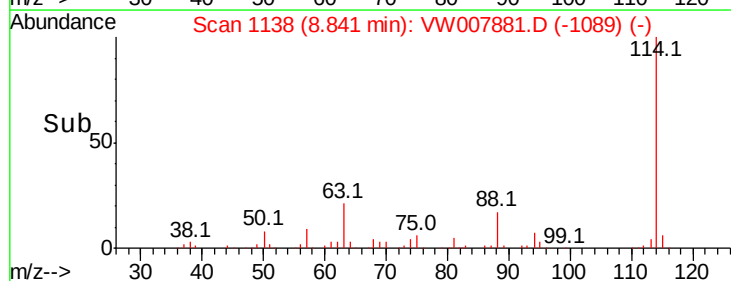
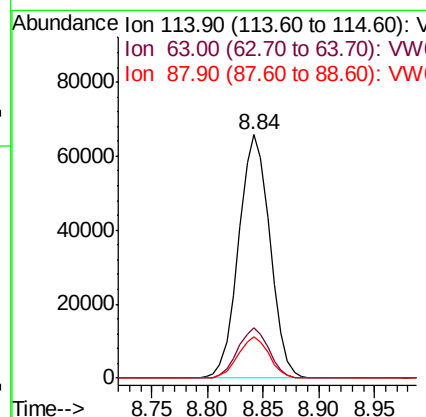
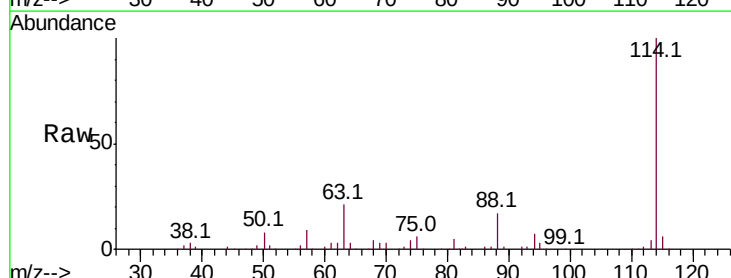
Instrument :
 MSVOA_W
 ClientSampleId :

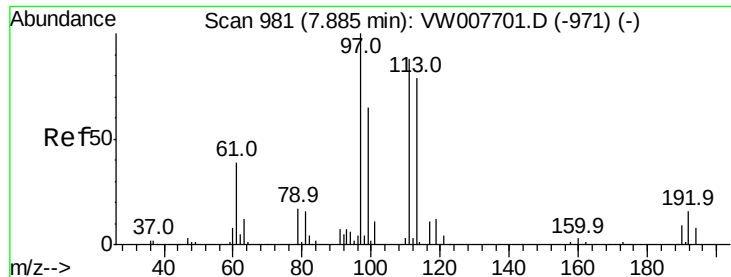
Tot Ion: 65 Resp: 42524
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007881.D
 Acq: 24 Dec 2018 11:48

Tgt Ion: 114 Resp: 128112
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 40.0
 88 16.9 0.0 32.6

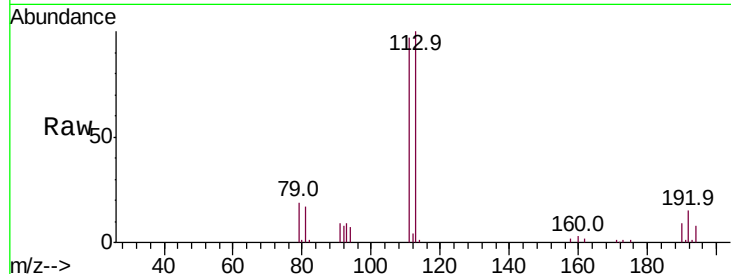




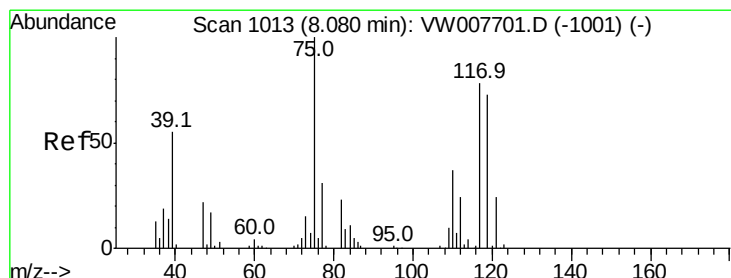
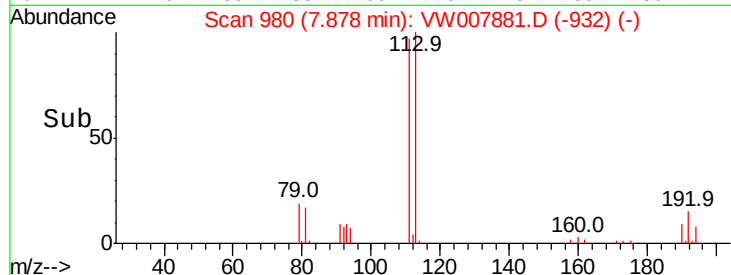
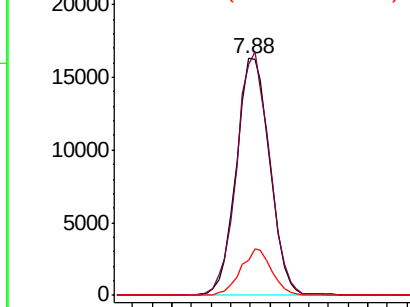
#35
 Dibromofluoromethane
 Concen: 49.769 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW007881.D
 Acq: 24 Dec 2018 11:48

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:113 Resp: 38897
 Ion Ratio Lower Upper
 113 100
 111 100.2 82.6 124.0
 192 18.0 15.5 23.3

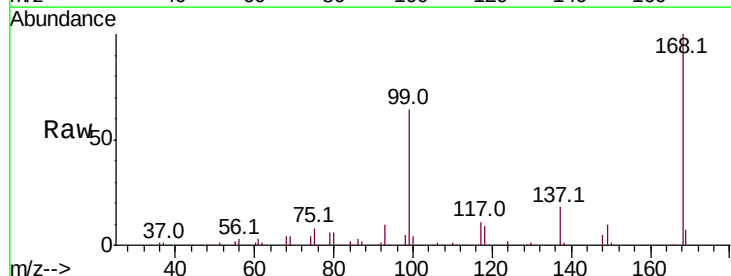


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

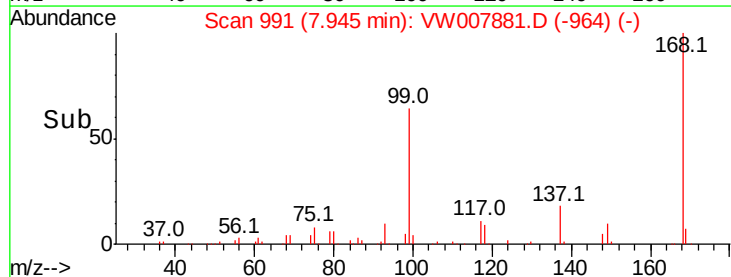
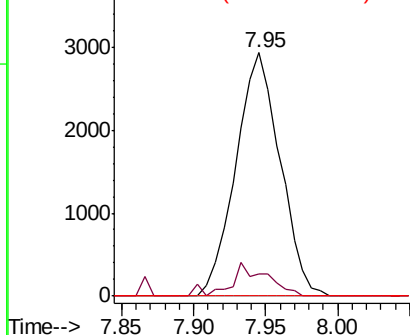


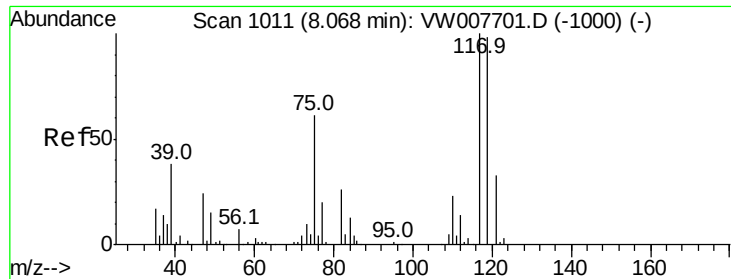
#36
 1,1-Dichloropropene
 Concen: 5.057 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW007881.D
 Acq: 24 Dec 2018 11:48

Tgt Ion: 75 Resp: 6253
 Ion Ratio Lower Upper
 75 100
 110 10.3 18.6 55.8#
 77 0.0 25.0 37.4#



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

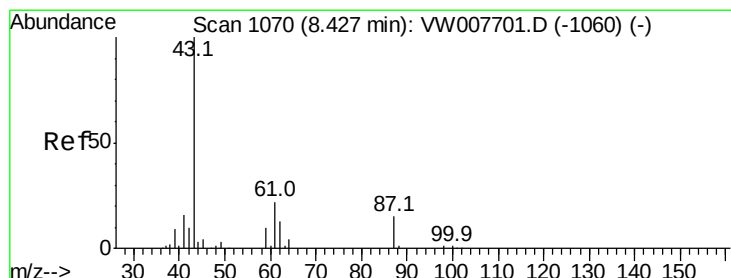
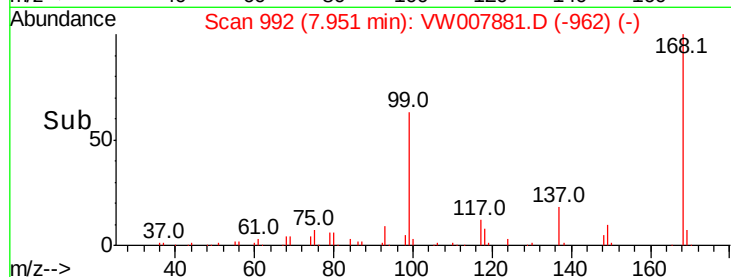
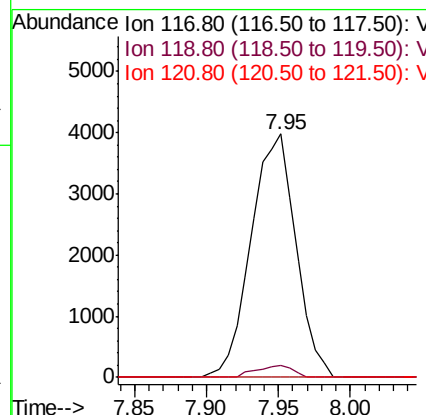
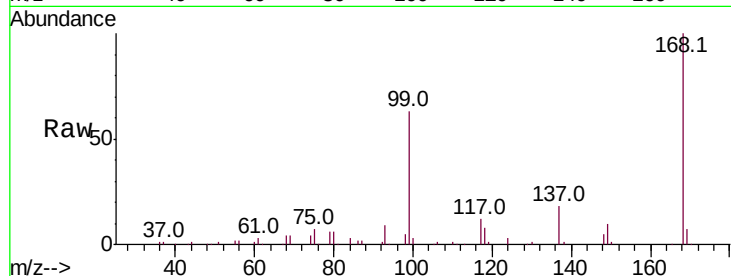




#38
Carbon Tetrachloride
Concen: 5.876 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW007881.D
Acq: 24 Dec 2018 11:48

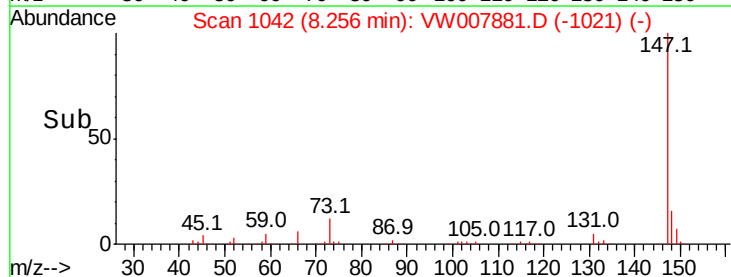
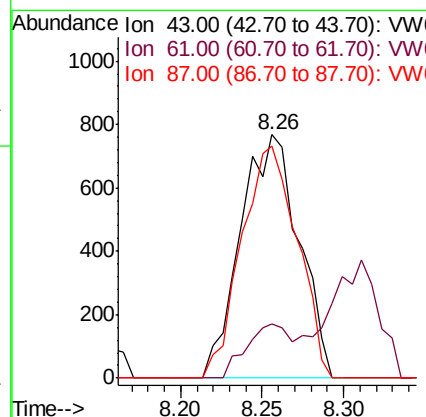
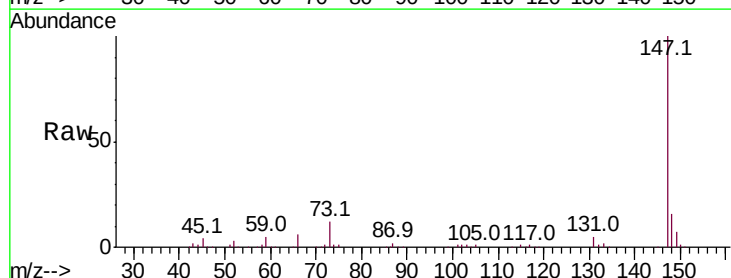
Instrument :
MSVOA_W
ClientSampled :

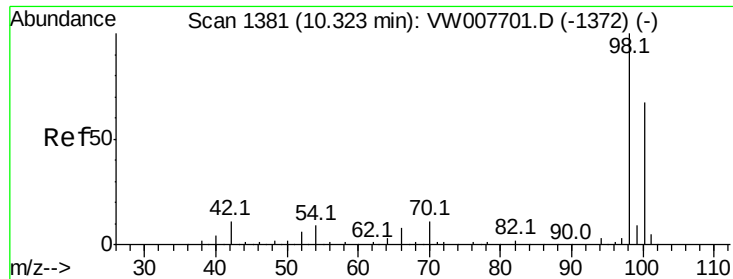
Tot Ion:117 Resp: 8557
Ion Ratio Lower Upper
117 100
119 4.8 78.2 117.2#
121 0.0 26.1 39.1#



#43
Isopropyl Acetate
Concen: 2.233 ug/l
RT: 8.26 min Scan# 1042
Delta R.T. -0.17 min
Lab File: VW007881.D
Acq: 24 Dec 2018 11:48

Tgt Ion: 43 Resp: 1909
Ion Ratio Lower Upper
43 100
61 16.7 26.3 39.5#
87 91.0 12.0 18.0#





#50

Toluene-d8

Concen: 51.701 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007881.D

Acq: 24 Dec 2018 11:48

Instrument :

MSVOA_W

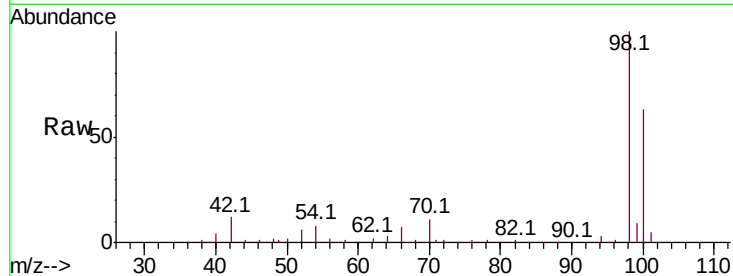
ClientSampleId :

Tot Ion: 98 Resp: 152327

Ion Ratio Lower Upper

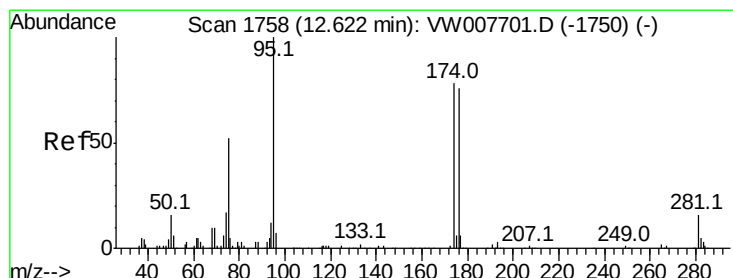
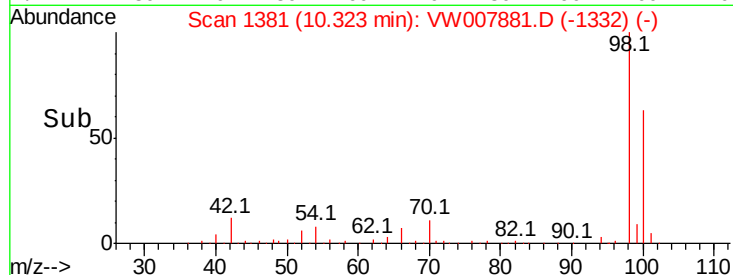
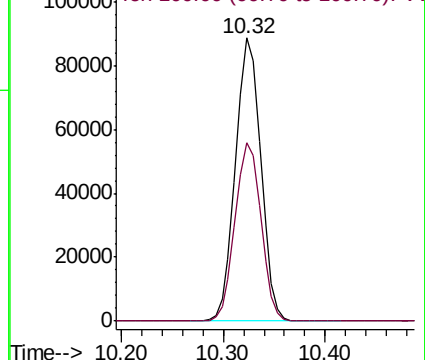
98 100

100 64.3 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 51.086 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007881.D

Acq: 24 Dec 2018 11:48

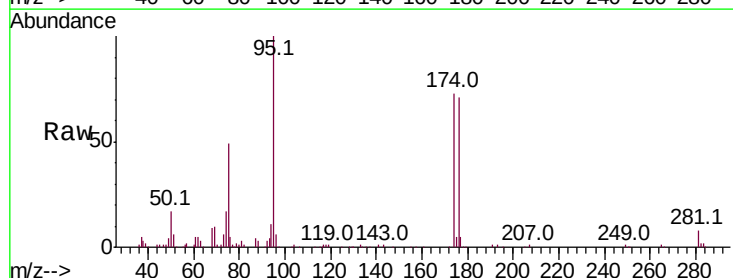
Tgt Ion: 95 Resp: 58148

Ion Ratio Lower Upper

95 100

174 71.6 0.0 152.2

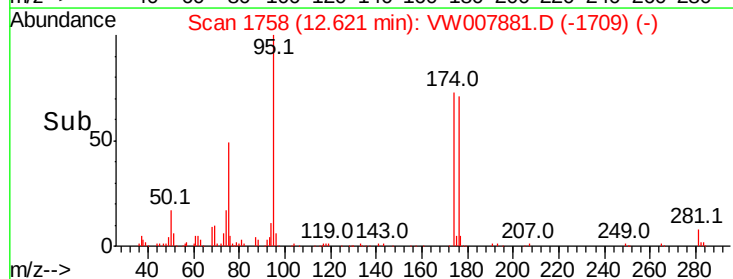
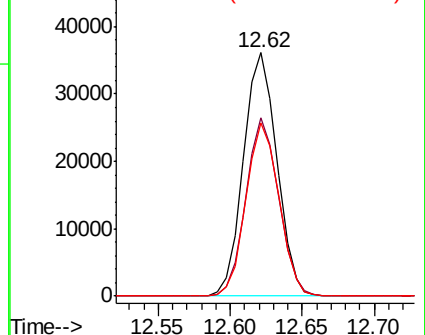
176 70.0 0.0 146.8

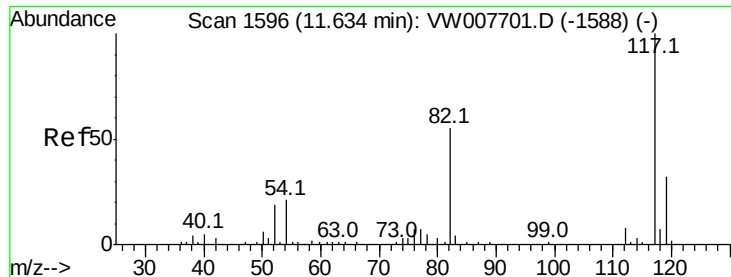


Abundance Ion 94.90 (94.60 to 95.60): VW

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: VW007881.D

Acq: 24 Dec 2018 11:48

Instrument :

MSVOA_W

ClientSampled :

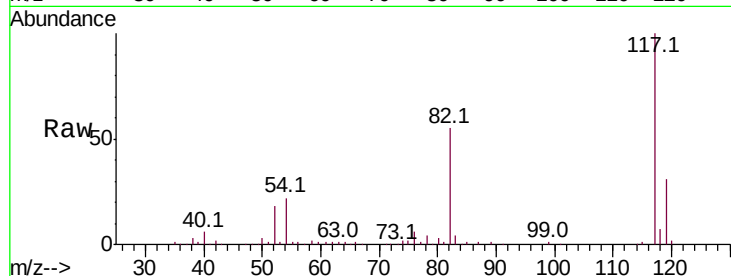
Tot Ion:117 Resp: 111470

Ion Ratio Lower Upper

117 100

82 55.1 44.3 66.5

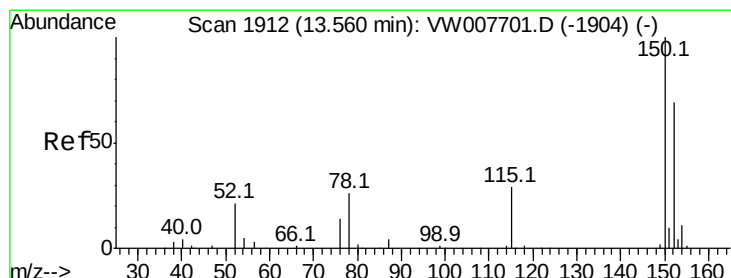
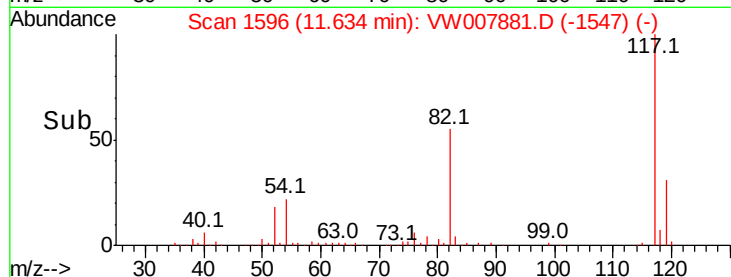
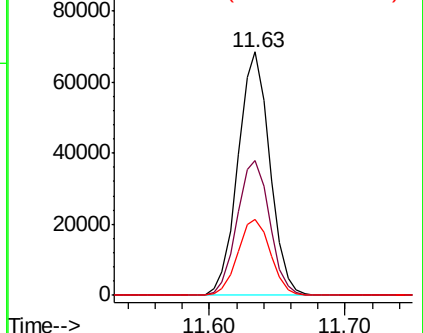
119 31.4 25.7 38.5



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VW

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: VW007881.D

Acq: 24 Dec 2018 11:48

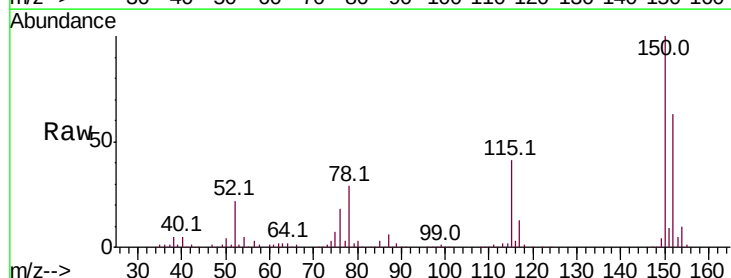
Tgt Ion:152 Resp: 55287

Ion Ratio Lower Upper

152 100

115 64.7 31.8 95.4

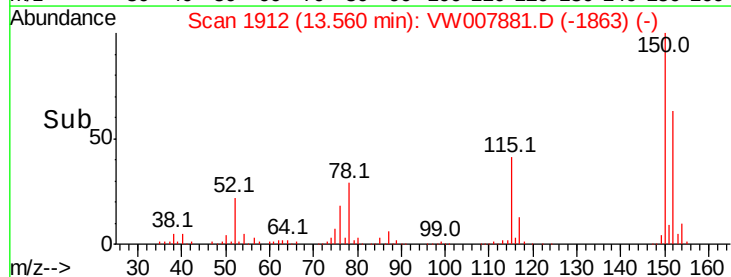
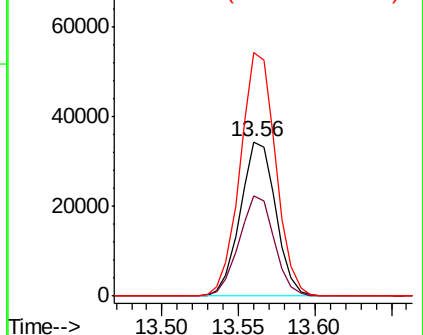
150 157.5 0.0 350.8

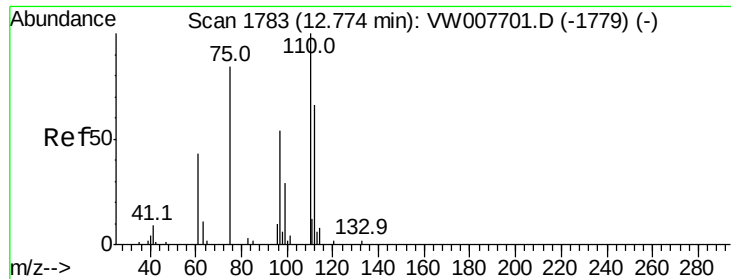


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 68.144 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007881.D

Acq: 24 Dec 2018 11:48

Instrument :

MSVOA_W

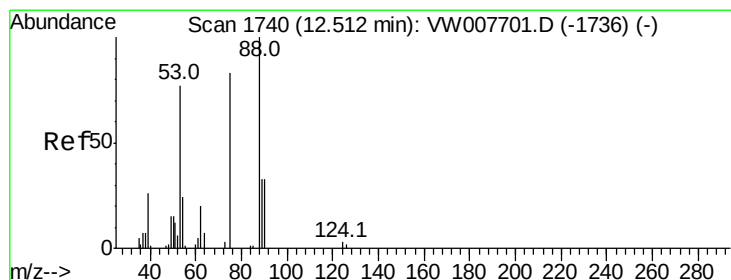
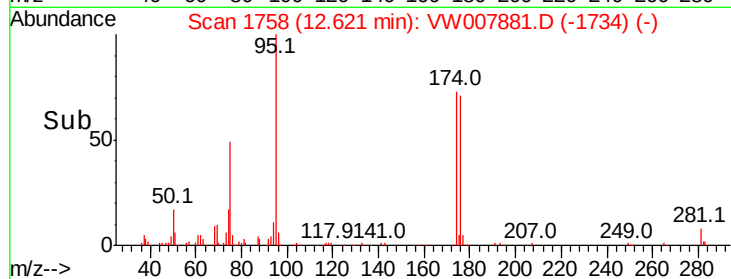
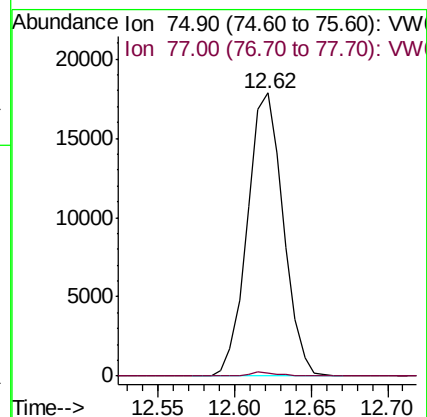
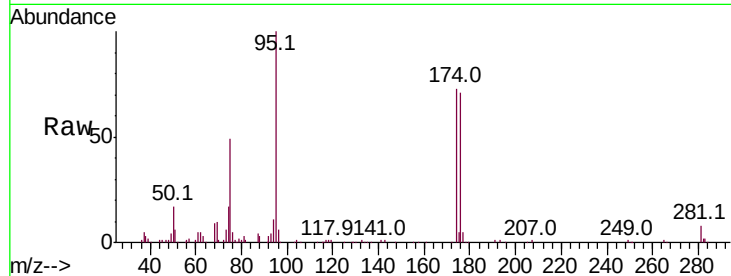
ClientSampleId :

Tot Ion: 75 Resp: 29119

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 143.039 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW007881.D

Acq: 24 Dec 2018 11:48

Tgt Ion: 75 Resp: 29119

Ion Ratio Lower Upper

75 100

53 0.0 80.2 120.2#

89 0.0 39.2 58.8#

