

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122318\
 Data File : VW007820.D
 Acq On : 22 Dec 2018 02:20
 Operator : SY/AP
 Sample : J6388-04RE
 Misc : 5.25G/5ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 22 03:19:36 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	65613	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	112269	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	75635	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	21543	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	40857	56.81	ug/l	0.00
Spiked Amount			Recovery	=	113.62%	
35) Dibromofluoromethane	7.88	113	34189	49.92	ug/l	0.00
Spiked Amount			Recovery	=	99.84%	
50) Toluene-d8	10.32	98	102424	39.67	ug/l	0.00
Spiked Amount			Recovery	=	79.34%	
62) 4-Bromofluorobenzene	12.62	95	27390	27.46	ug/l	0.00
Spiked Amount			Recovery	=	54.92%	

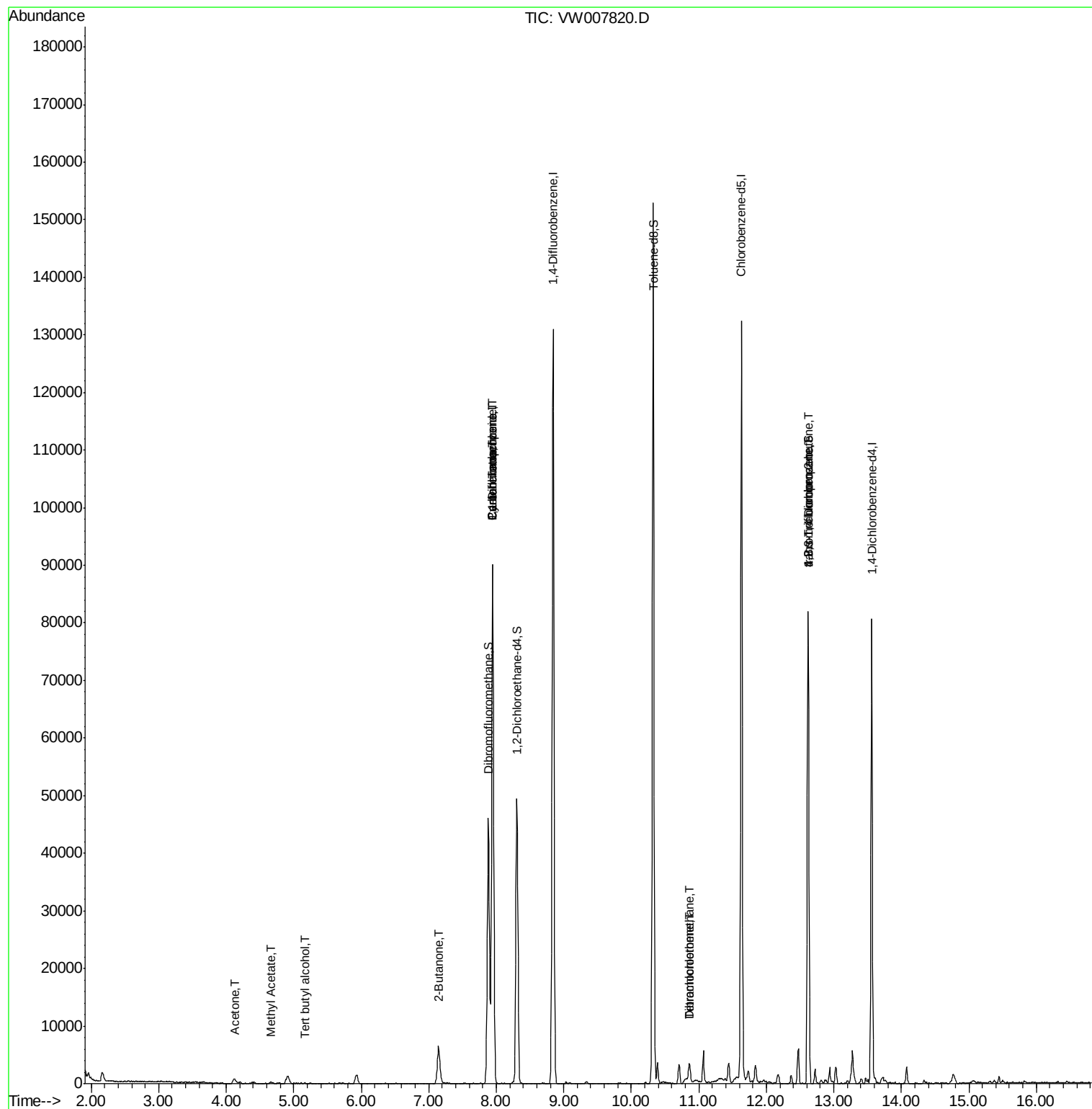
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.17	59	120	2.474	ug/l #	73
16) Acetone	4.13	43	1731	12.854	ug/l #	85
18) Methyl Acetate	4.67	43	616	1.923	ug/l #	60
20) Methylene Chloride	4.91	84	1261	Below Cal	#	83
25) 2-Butanone	7.15	43	231	1.464	ug/l #	44
31) Cyclohexane	7.94	56	1325	1.238	ug/l #	30
36) 1,1-Dichloropropene	7.95	75	5211	4.809	ug/l #	48
38) Carbon Tetrachloride	7.95	117	6894	5.402	ug/l #	15
60) Dibromochloromethane	10.85	129	772	1.071	ug/l #	11
64) Tetrachloroethene	10.87	164	753	1.406	ug/l #	77
76) 1,2,3-Trichloropropane	12.62	75	13587	81.600	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	13587	171.284	ug/l #	9

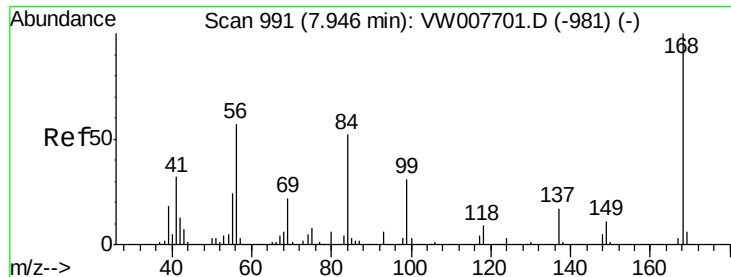
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122318\
Data File : VW007820.D
Acq On : 22 Dec 2018 02:20
Operator : SY/AP
Sample : J6388-04RE
Misc : 5.25G/5ML/MSVOA W/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Dec 22 03:19:36 2018
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: VW007820.D

Acq: 22 Dec 2018 02:20

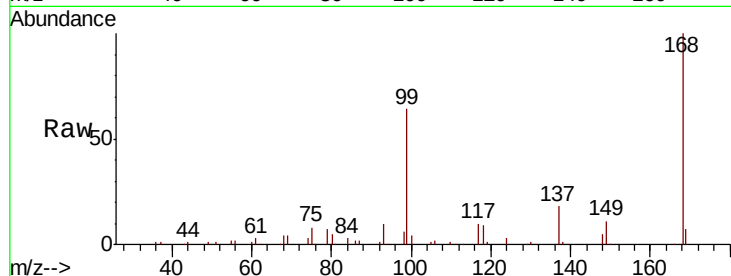
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 65613

Ion Ratio Lower Upper

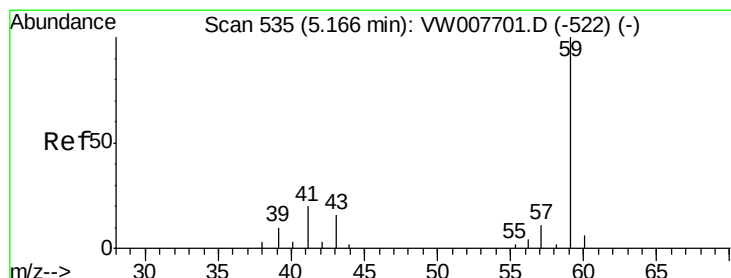
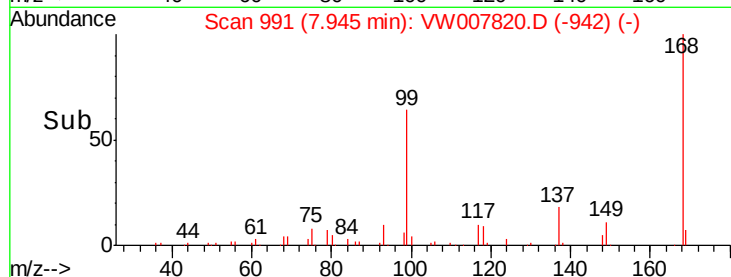
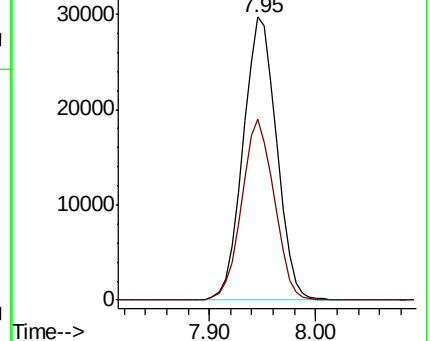
168 100

99 63.7 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 2.474 ug/l

RT: 5.17 min Scan# 536

Delta R.T. 0.01 min

Lab File: VW007820.D

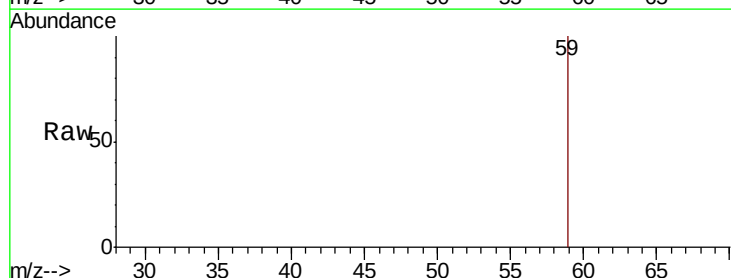
Acq: 22 Dec 2018 02:20

Tgt Ion: 59 Resp: 120

Ion Ratio Lower Upper

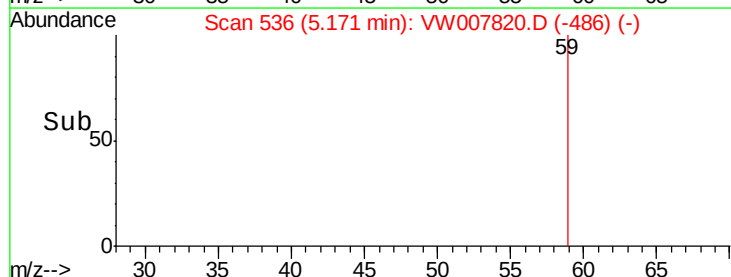
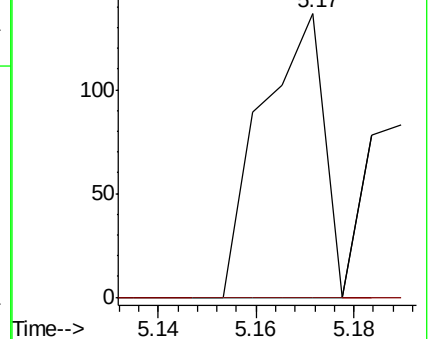
59 100

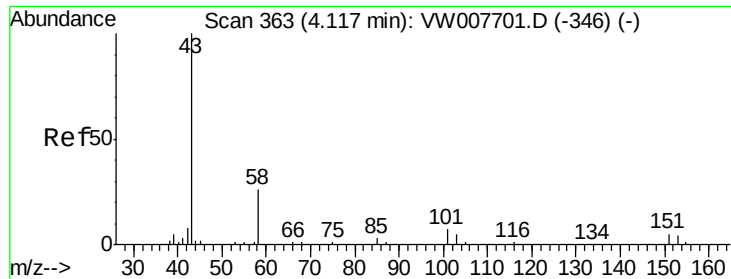
57 0.0 7.8 11.8#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 12.854 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW007820.D

Acq: 22 Dec 2018 02:20

Instrument :

MSVOA_W

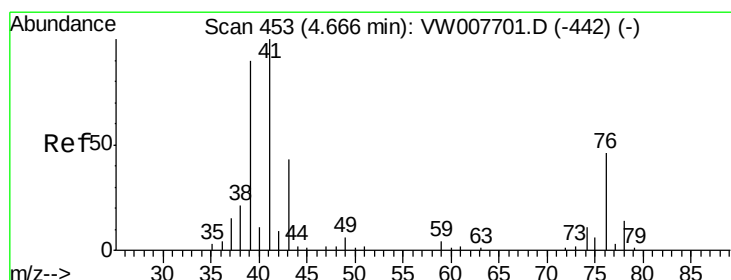
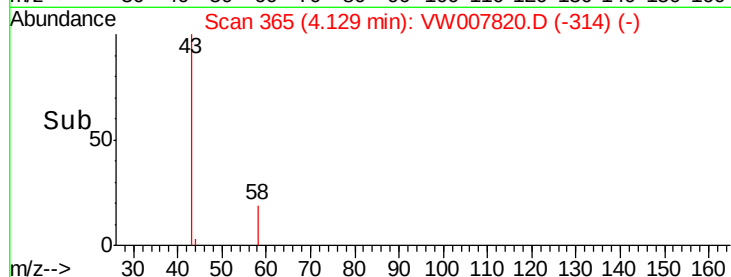
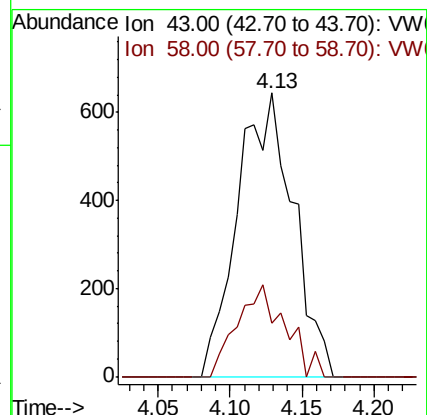
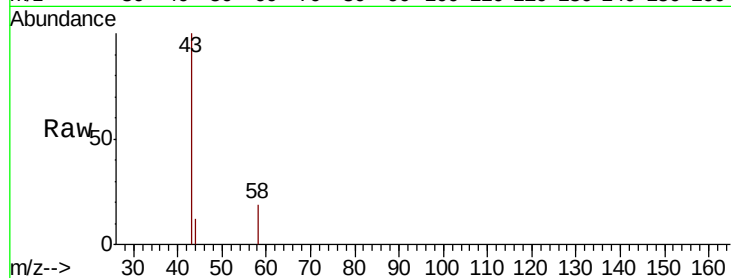
ClientSampleId :

Tot Ion: 43 Resp: 1731

Ion Ratio Lower Upper

43 100

58 18.8 21.2 31.8#



#18

Methyl Acetate

Concen: 1.923 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW007820.D

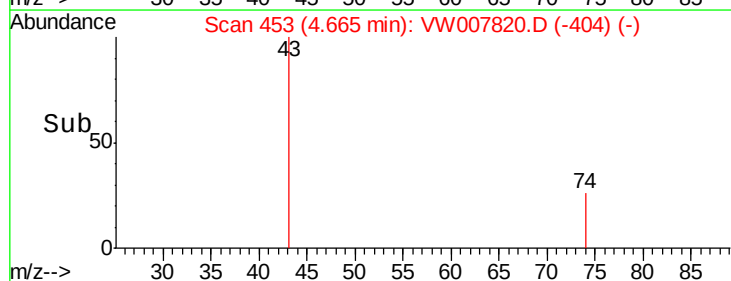
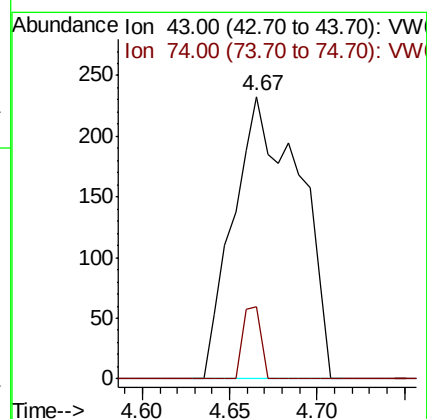
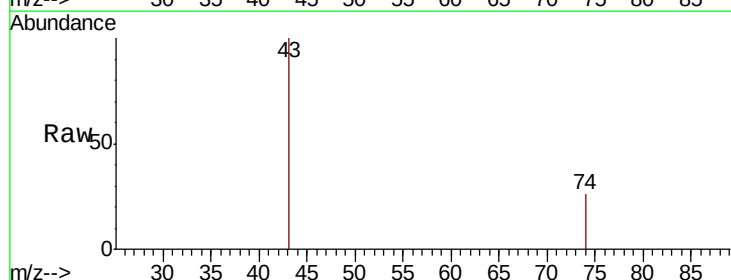
Acq: 22 Dec 2018 02:20

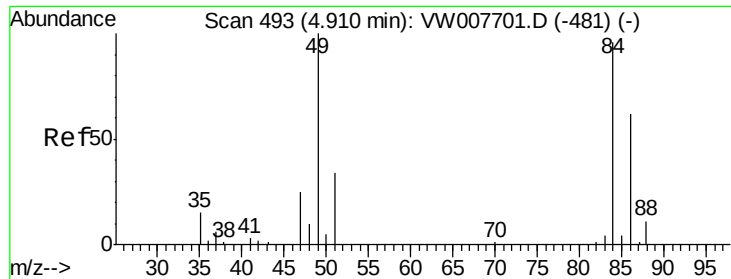
Tgt Ion: 43 Resp: 616

Ion Ratio Lower Upper

43 100

74 7.0 22.7 34.1#

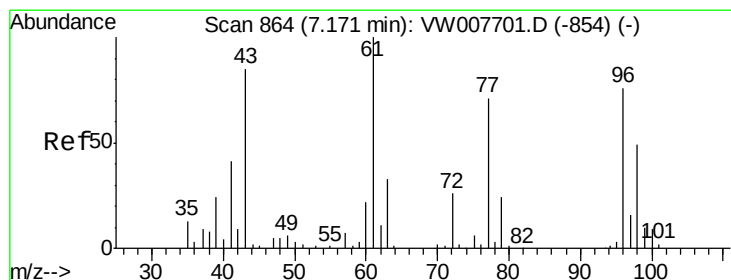
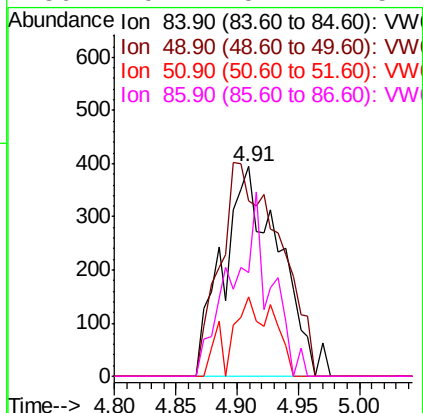
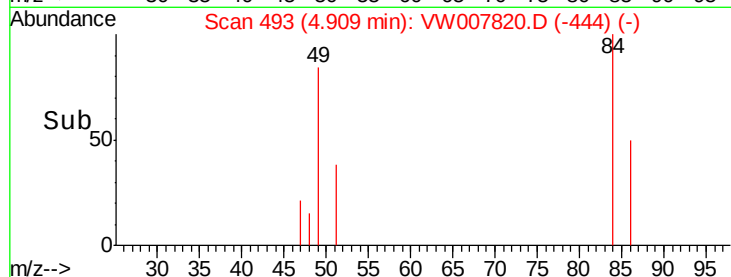
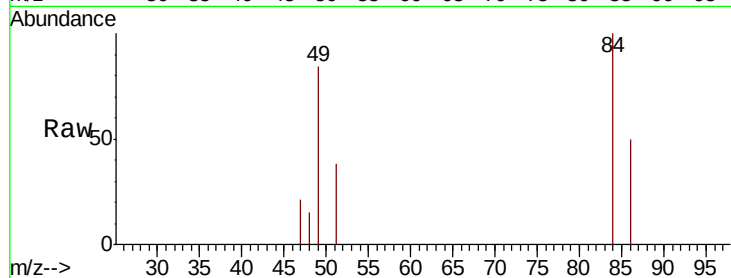




#20
Methylene Chloride
Concen: Below Cal
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW007820.D
Acq: 22 Dec 2018 02:20

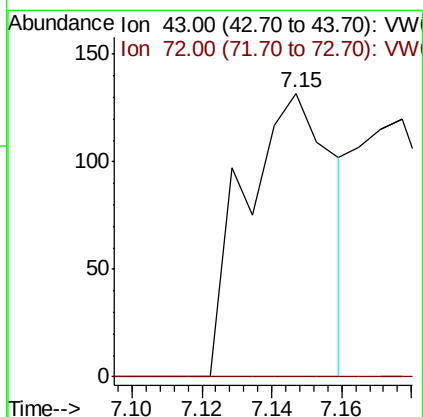
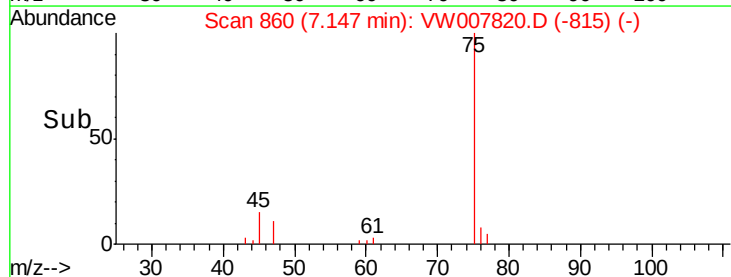
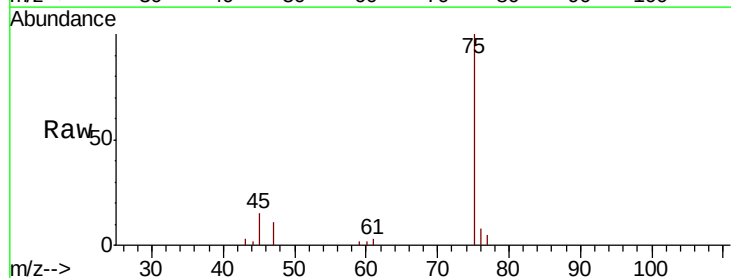
Instrument :
MSVOA_W
ClientSampled :

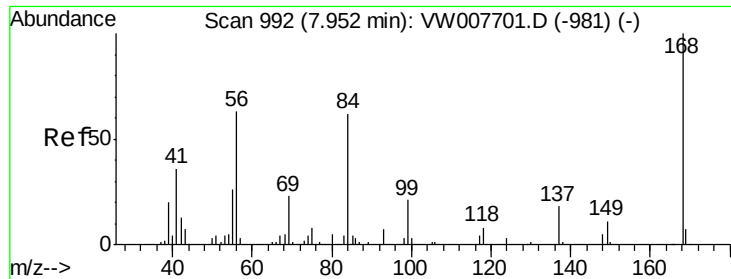
Tot Ion: 84 Resp: 1261
Ion Ratio Lower Upper
84 100
49 83.8 83.7 125.5
51 37.8 28.2 42.2
86 49.7 52.2 78.2#



#25
2-Butanone
Concen: 1.464 ug/l
RT: 7.15 min Scan# 860
Delta R.T. -0.02 min
Lab File: VW007820.D
Acq: 22 Dec 2018 02:20

Tgt Ion: 43 Resp: 231
Ion Ratio Lower Upper
43 100
72 0.0 24.5 36.7#

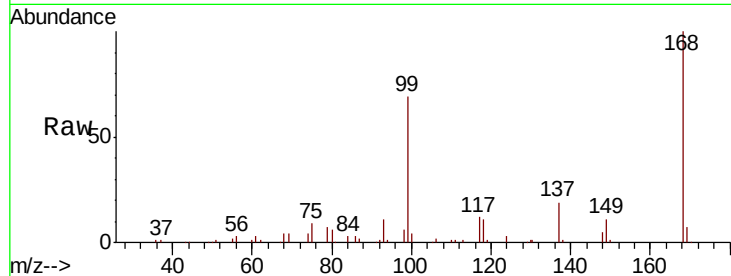




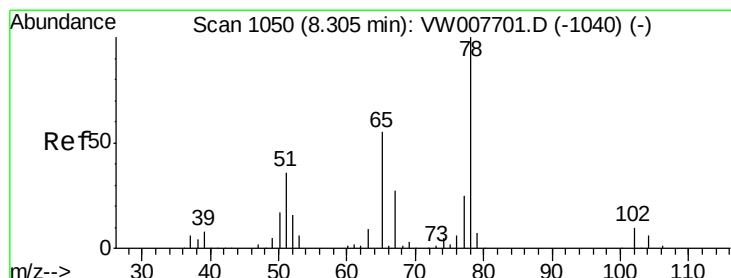
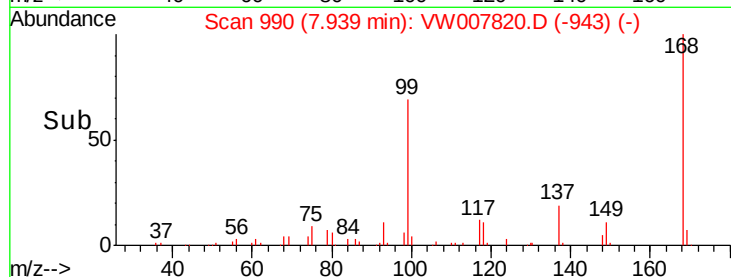
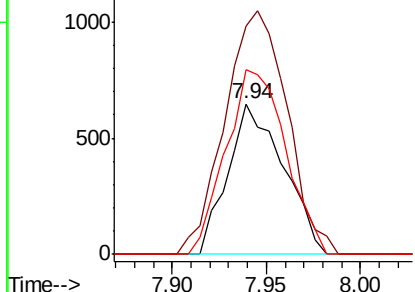
#31
Cyclohexane
Concen: 1.238 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.01 min
Lab File: VW007820.D
Acq: 22 Dec 2018 02:20

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 56 Resp: 1325
Ion Ratio Lower Upper
56 100
69 151.6 29.7 44.5#
84 122.9 78.9 118.3#

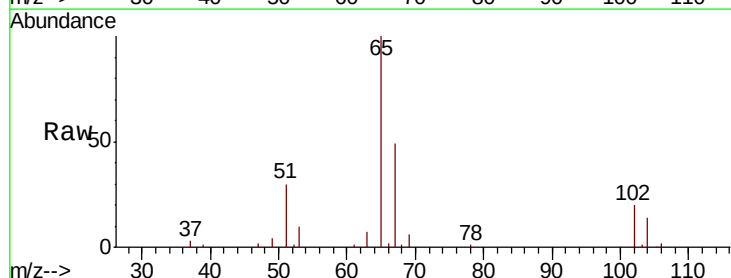


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

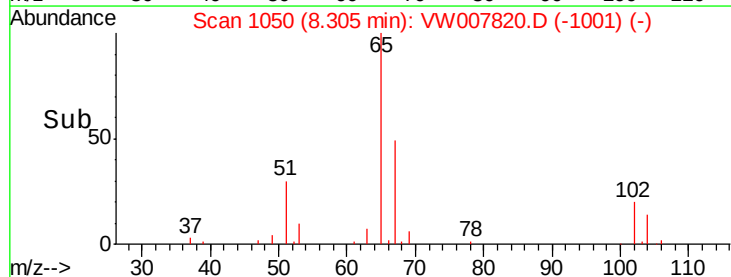
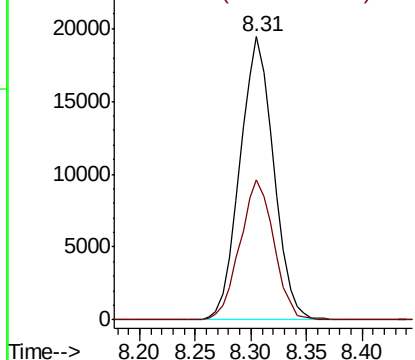


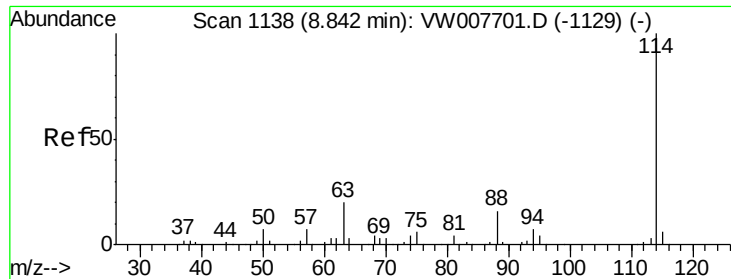
#33
1,2-Dichloroethane-d4
Concen: 56.813 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW007820.D
Acq: 22 Dec 2018 02:20

Tgt Ion: 65 Resp: 40857
Ion Ratio Lower Upper
65 100
67 49.8 0.0 100.6



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

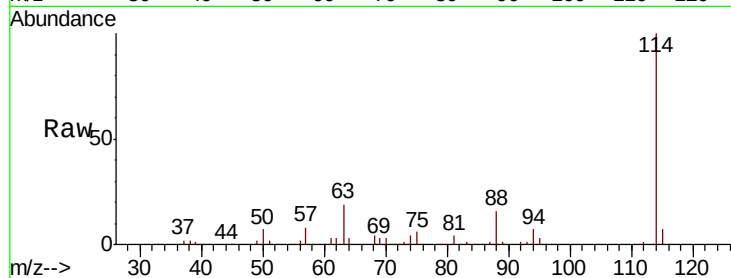




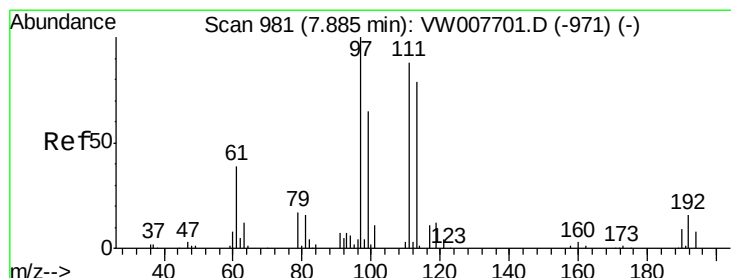
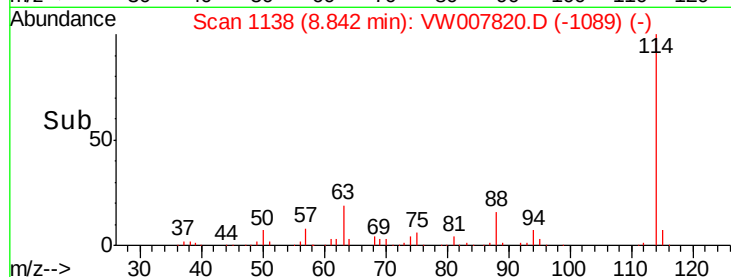
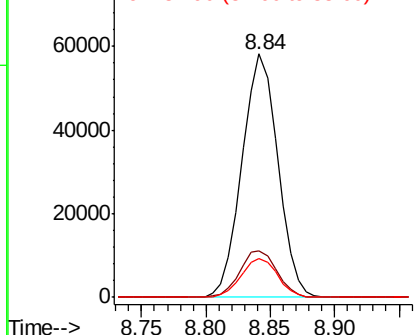
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007820.D
 Acq: 22 Dec 2018 02:20

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:114 Resp: 112269
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 40.0
 88 16.0 0.0 32.6

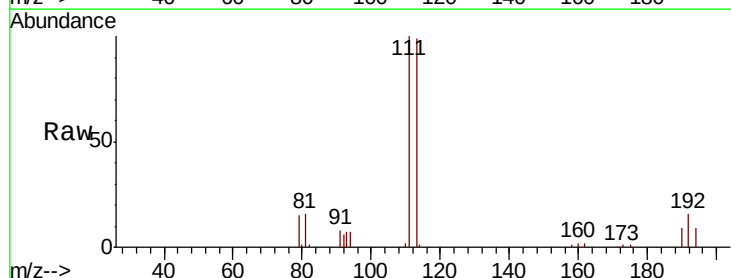


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

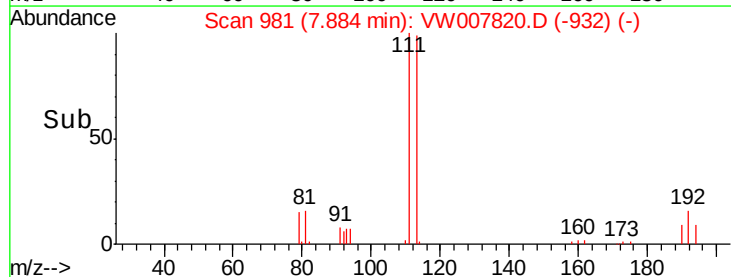
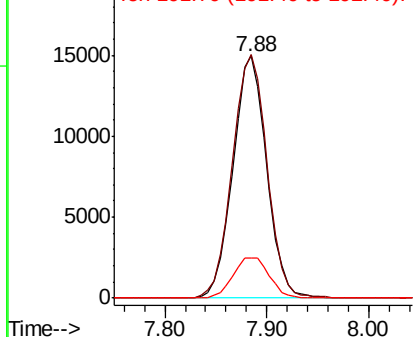


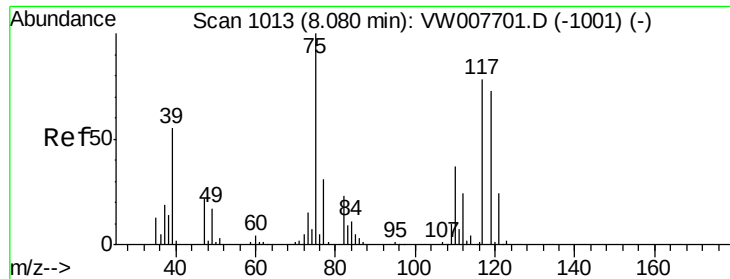
#35
 Dibromofluoromethane
 Concen: 49.918 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007820.D
 Acq: 22 Dec 2018 02:20

Tgt Ion:113 Resp: 34189
 Ion Ratio Lower Upper
 113 100
 111 103.5 82.6 124.0
 192 17.9 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

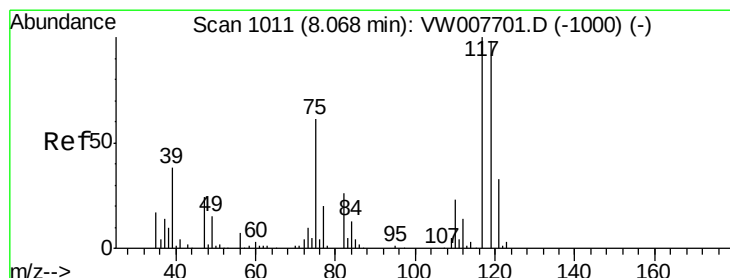
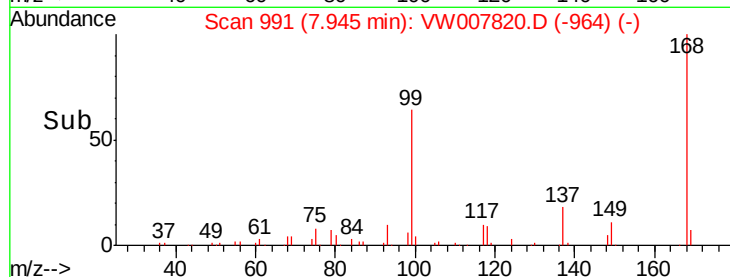
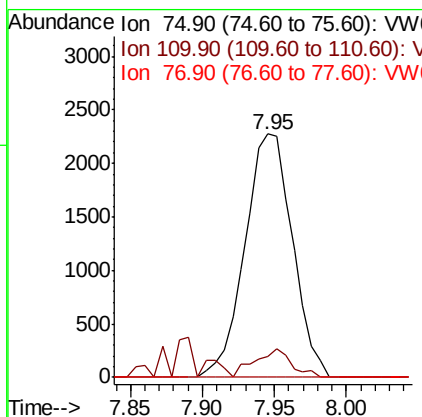
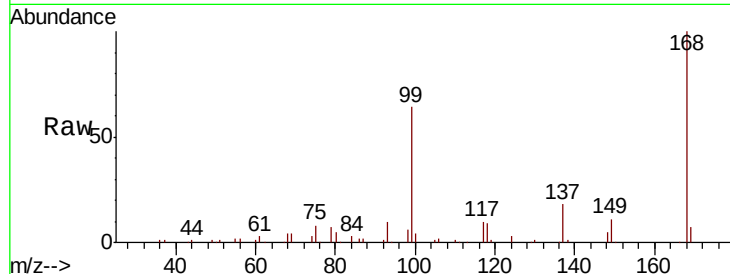




#36
 1,1-Dichloropropene
 Concen: 4.809 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW007820.D
 Acq: 22 Dec 2018 02:20

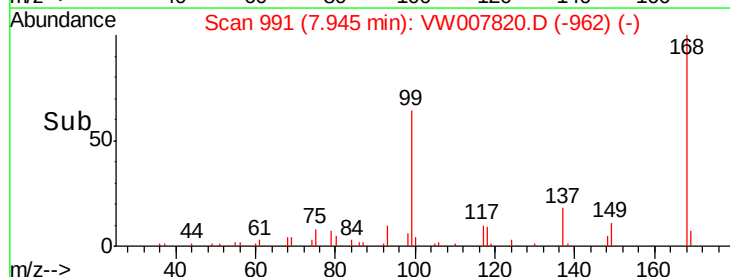
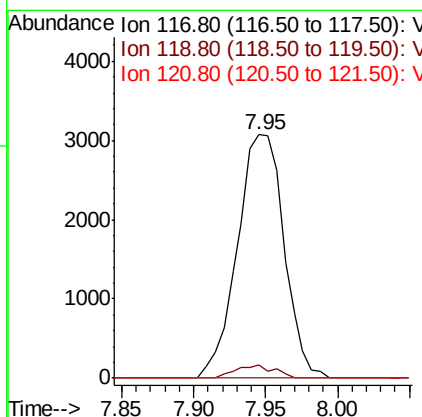
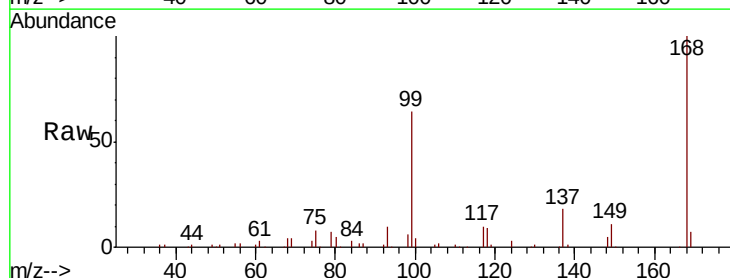
Instrument :
 MSVOA_W
 ClientSampleId :

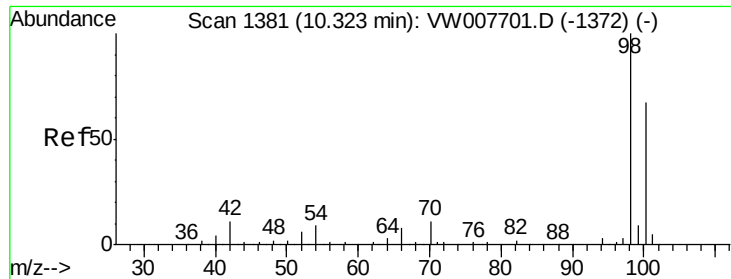
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.0	18.6	55.8#
77	0.0	25.0	37.4#



#38
 Carbon Tetrachloride
 Concen: 5.402 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW007820.D
 Acq: 22 Dec 2018 02:20

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.2	78.2	117.2#
121	0.0	26.1	39.1#





#50

Toluene-d8

Concen: 39.669 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007820.D

Acq: 22 Dec 2018 02:20

Instrument :

MSVOA_W

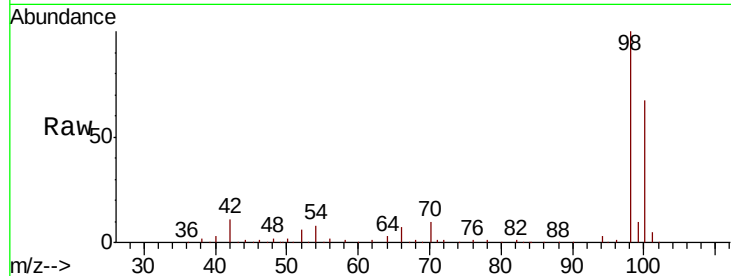
ClientSampleId :

Tot Ion: 98 Resp: 102424

Ion Ratio Lower Upper

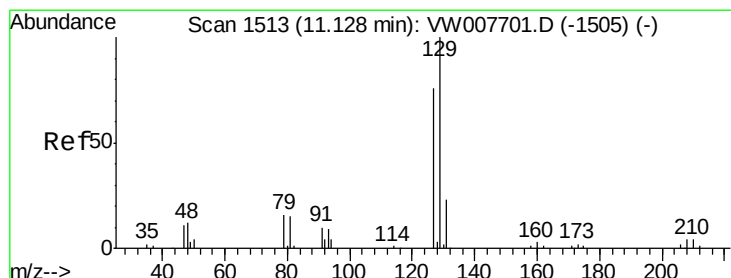
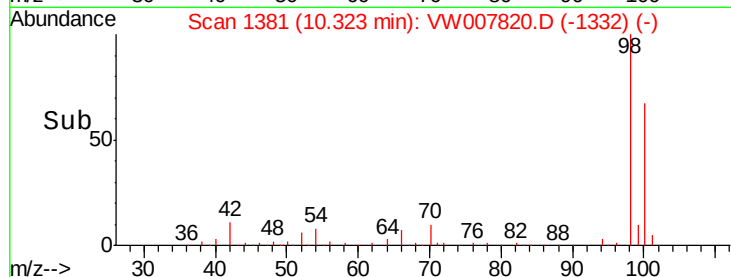
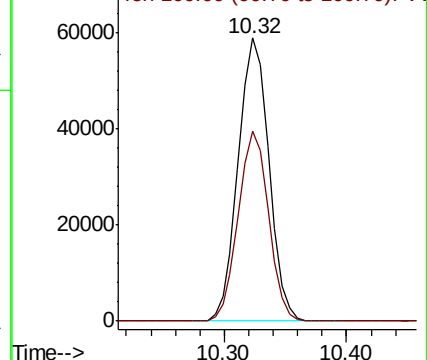
98 100

100 66.4 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#60

Dibromochloromethane

Concen: 1.071 ug/l

RT: 10.85 min Scan# 1468

Delta R.T. -0.27 min

Lab File: VW007820.D

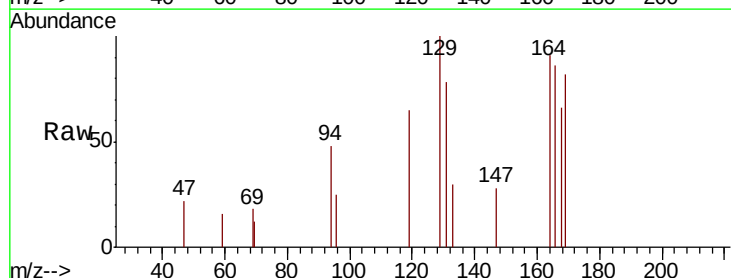
Acq: 22 Dec 2018 02:20

Tgt Ion: 129 Resp: 772

Ion Ratio Lower Upper

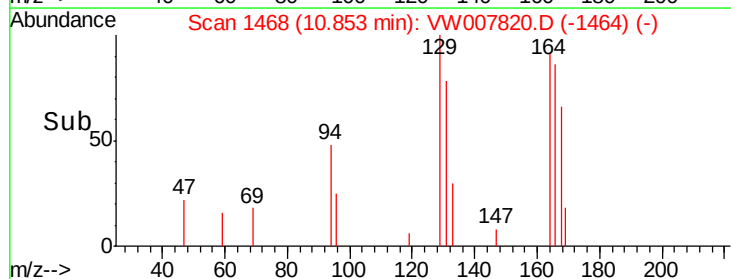
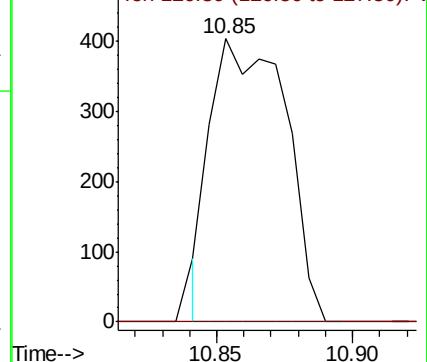
129 100

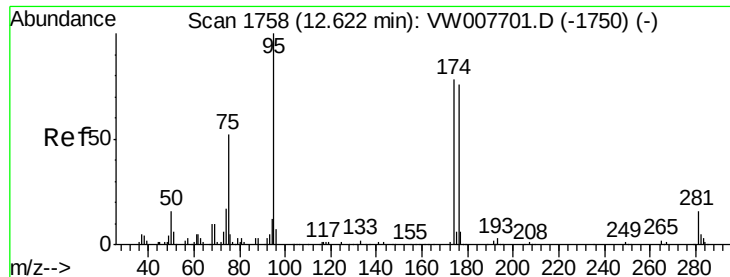
127 0.0 38.3 114.9#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

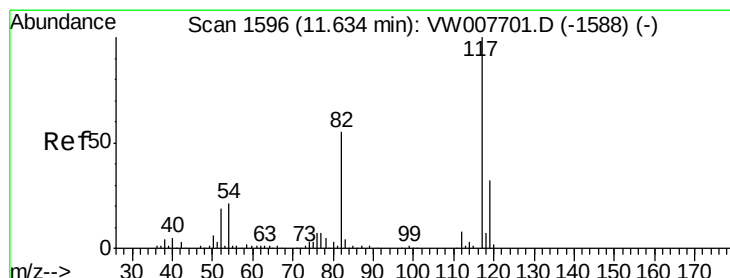
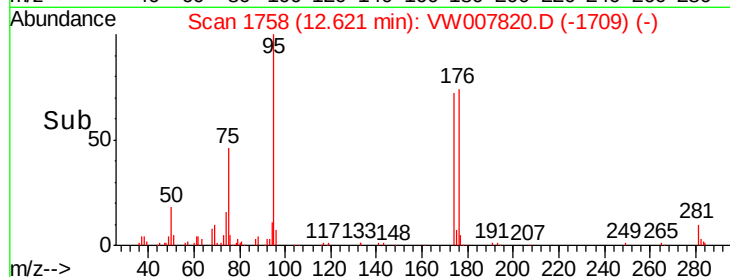
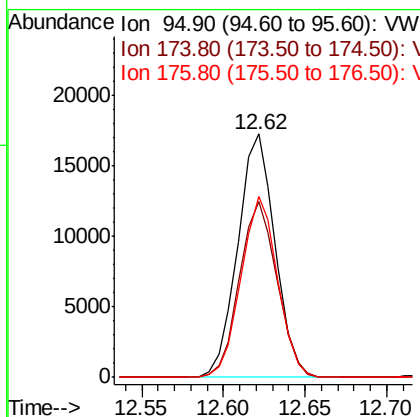
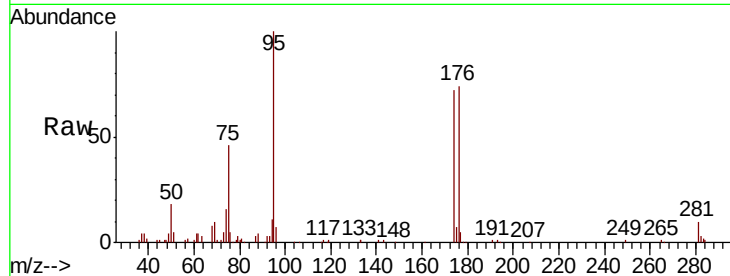




#62
4-Bromofluorobenzene
Concen: 27.459 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007820.D
Acq: 22 Dec 2018 02:20

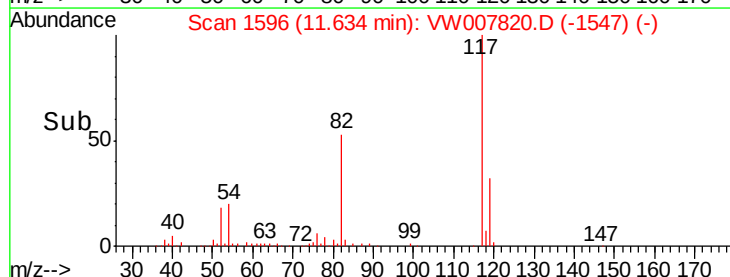
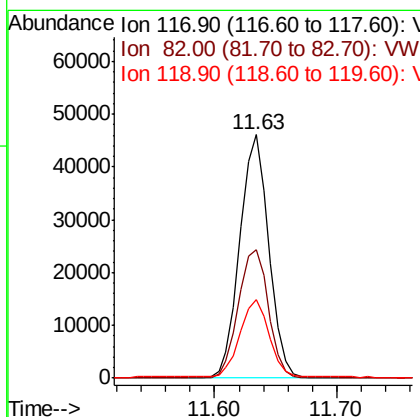
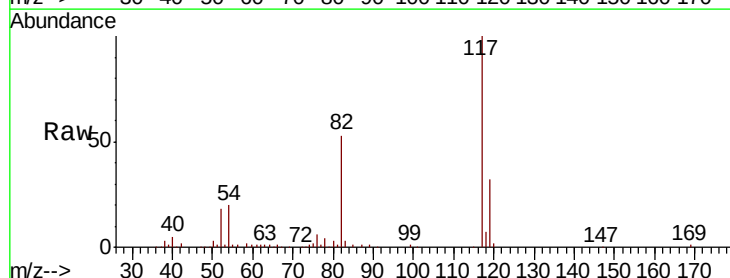
Instrument :
MSVOA_W
ClientSampleId :

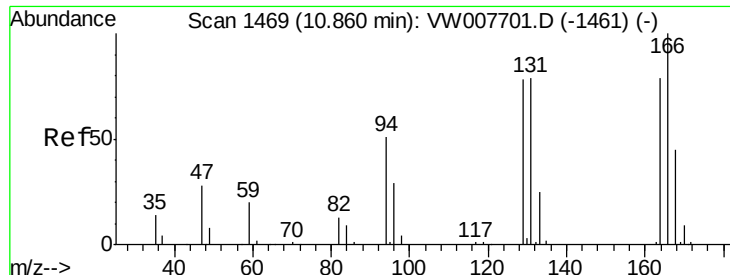
Tot Ion: 95 Resp: 27390
Ion Ratio Lower Upper
95 100
174 72.8 0.0 152.2
176 72.8 0.0 146.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007820.D
Acq: 22 Dec 2018 02:20

Tgt Ion: 117 Resp: 75635
Ion Ratio Lower Upper
117 100
82 52.9 44.3 66.5
119 32.0 25.7 38.5





#64

Tetrachloroethene

Concen: 1.406 ug/l

RT: 10.87 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VW007820.D

Acq: 22 Dec 2018 02:20

Instrument :

MSVOA_W

ClientSampled :

Tot Ion:164 Resp: 753

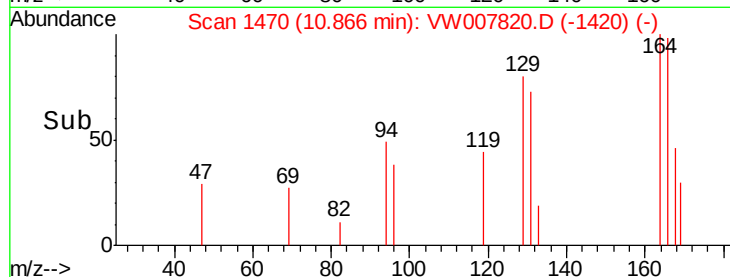
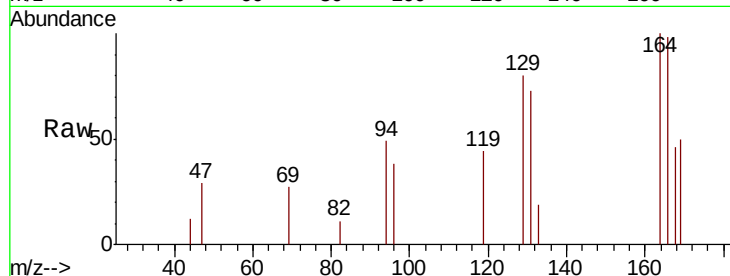
Ion Ratio Lower Upper

164 100

166 98.5 101.0 151.6#

129 80.5 78.7 118.1

131 73.2 79.4 119.0#

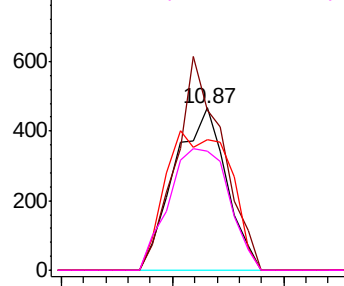


Abundance Ion 163.80 (163.50 to 164.50): V

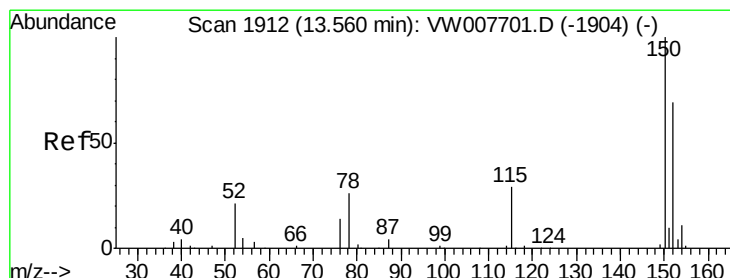
Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW007820.D

Acq: 22 Dec 2018 02:20

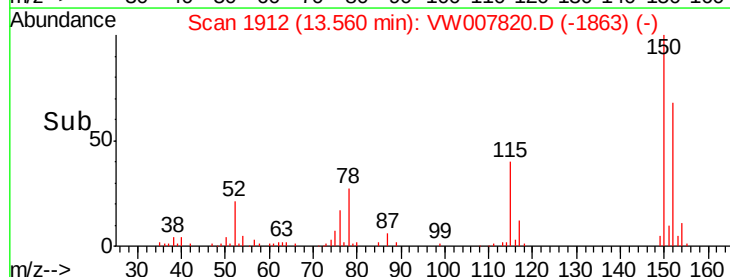
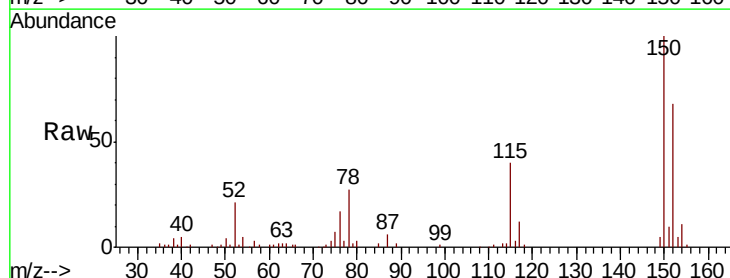
Tgt Ion:152 Resp: 21543

Ion Ratio Lower Upper

152 100

115 60.9 31.8 95.4

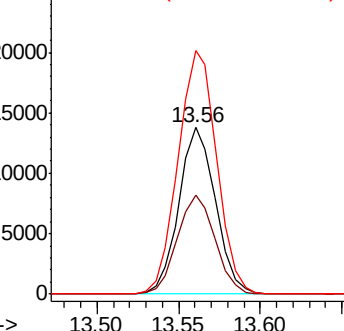
150 153.9 0.0 350.8



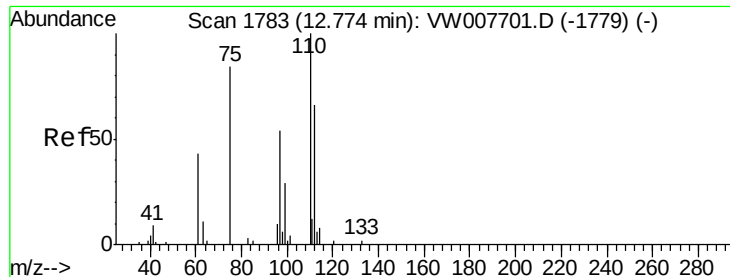
Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



Time-->



#76

1,2,3-Trichloropropane

Concen: 81.600 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007820.D

Acq: 22 Dec 2018 02:20

Instrument :

MSVOA_W

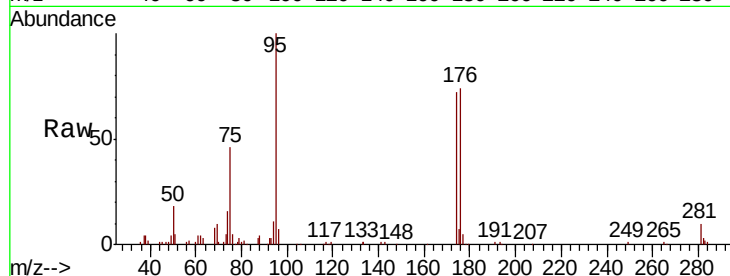
ClientSampleId :

Tot Ion: 75 Resp: 13587

Ion Ratio Lower Upper

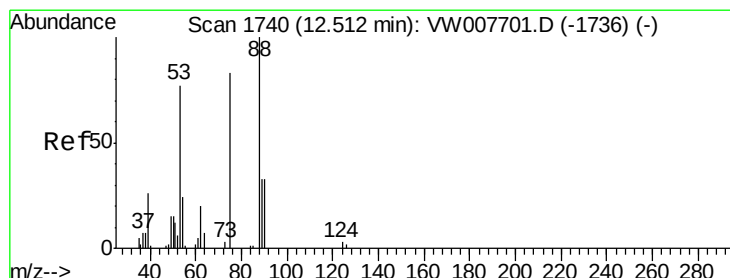
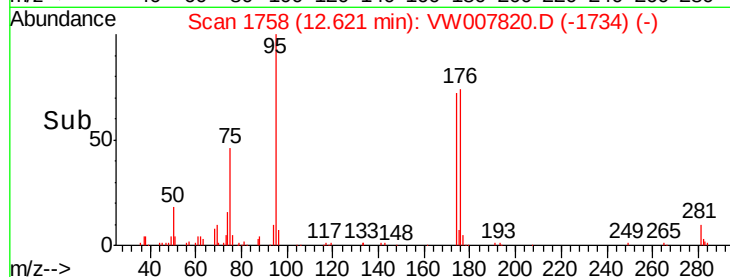
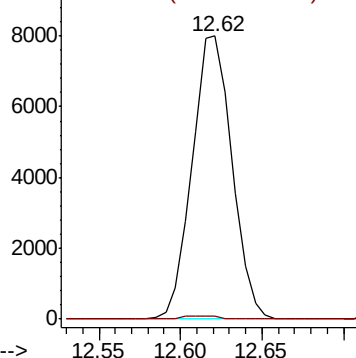
75 100

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: 171.284 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW007820.D

Acq: 22 Dec 2018 02:20

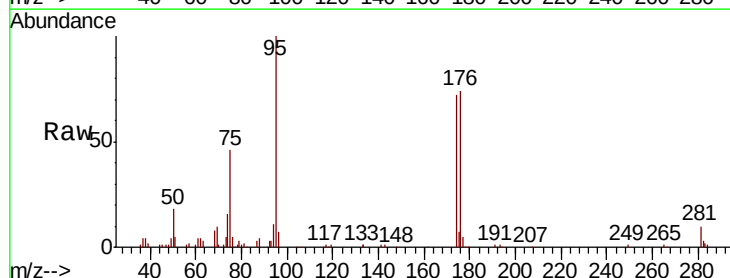
Tgt Ion: 75 Resp: 13587

Ion Ratio Lower Upper

75 100

53 0.0 80.2 120.2#

89 0.0 39.2 58.8#



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

