

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112618\
 Data File : VW007064.D
 Acq On : 27 Nov 2018 00:29
 Operator : VAY/AP
 Sample : VW1126SBL02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 27 05:30:16 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

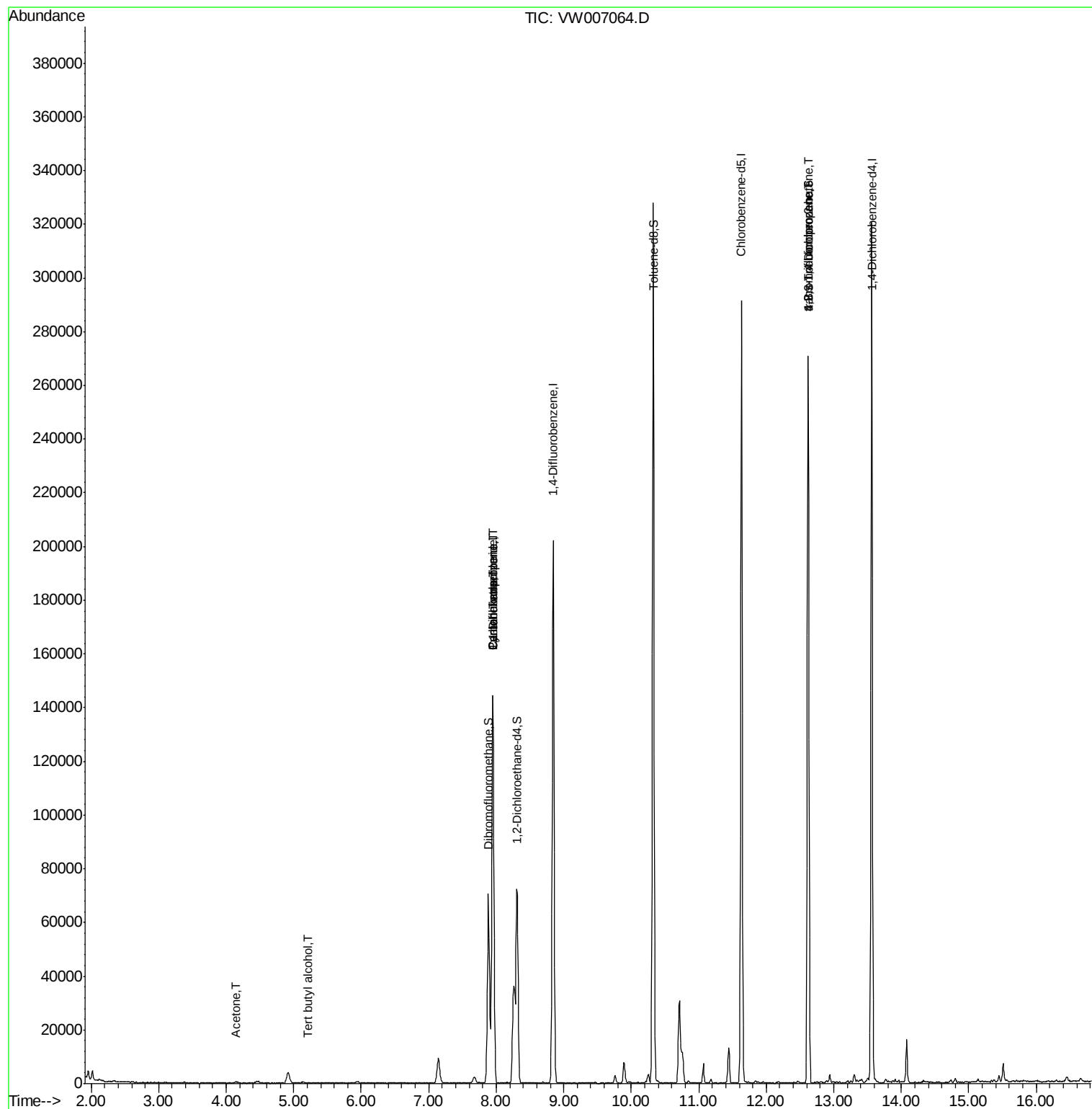
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	110762	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	173214	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	165712	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	84893	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	58756	54.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.36%	
35) Dibromofluoromethane	7.88	113	50339	51.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.92%	
50) Toluene-d8	10.32	98	223230	51.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.36%	
62) 4-Bromofluorobenzene	12.62	95	88507	52.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.14%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.20	59	183	2.592	ug/l #	71
16) Acetone	4.14	43	633	4.021	ug/l #	44
20) Methylene Chloride	4.92	84	3181	Below Cal		89
31) Cyclohexane	7.95	56	2247	1.076	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	8119	4.797	ug/l #	50
38) Carbon Tetrachloride	7.95	117	10758	6.637	ug/l #	18
76) 1,2,3-Trichloropropane	12.62	75	42371	63.517	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	42371	159.465	ug/l #	10

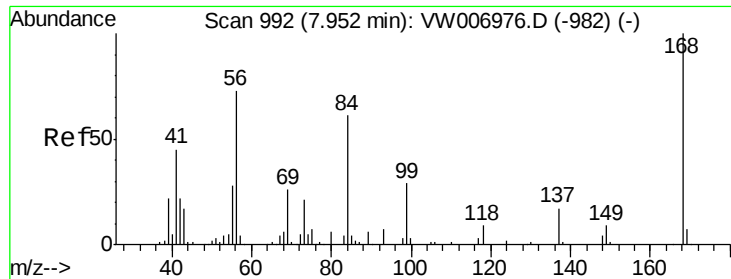
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Nov 21 03:23:02 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW007064.D

Acq: 27 Nov 2018 00:29

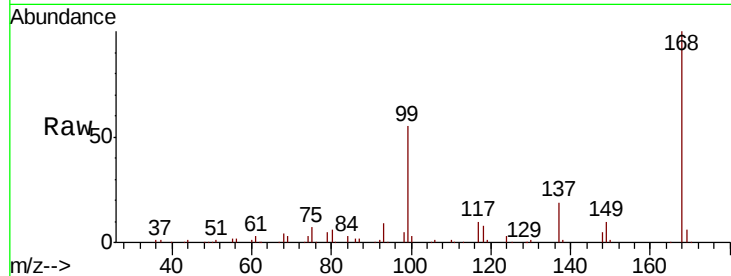
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 110762

Ion Ratio Lower Upper

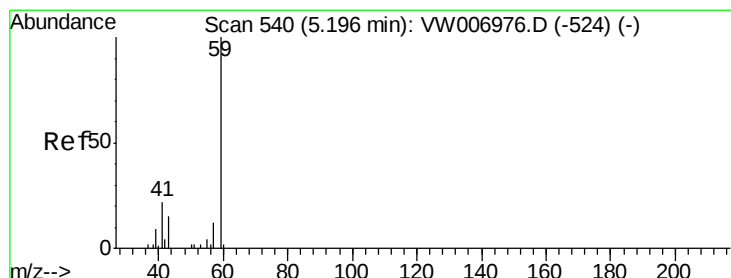
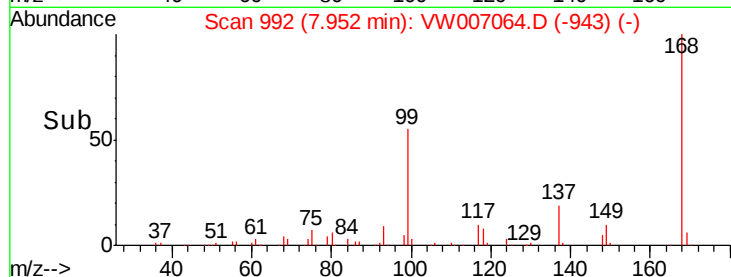
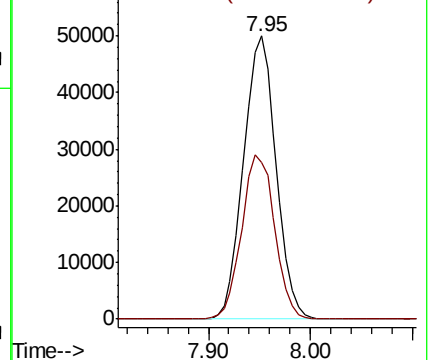
168 100

99 55.3 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: 2.592 ug/l

RT: 5.20 min Scan# 540

Delta R.T. 0.00 min

Lab File: VW007064.D

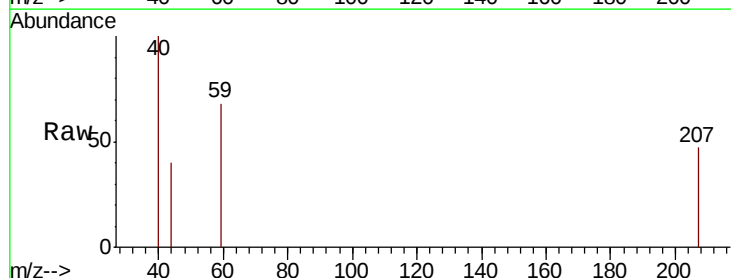
Acq: 27 Nov 2018 00:29

Tgt Ion: 59 Resp: 183

Ion Ratio Lower Upper

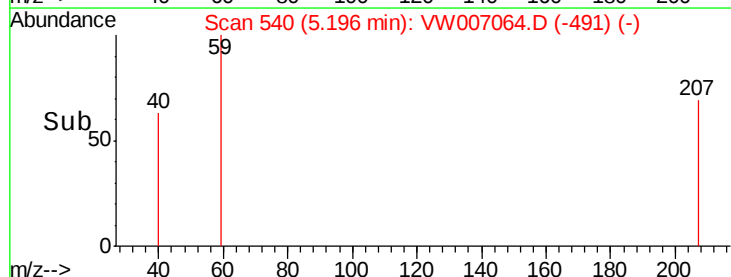
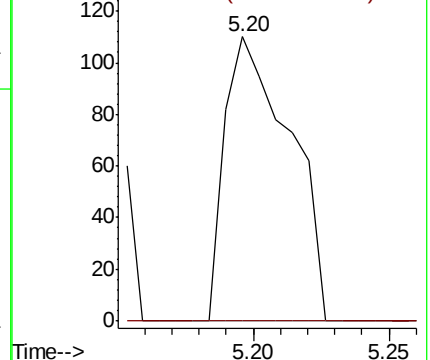
59 100

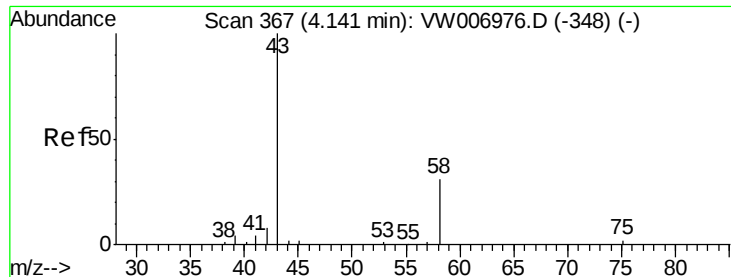
57 0.0 8.6 13.0#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 4.021 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.00 min

Lab File: VW007064.D

Acq: 27 Nov 2018 00:29

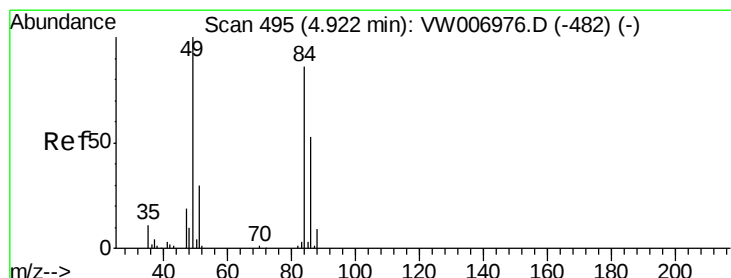
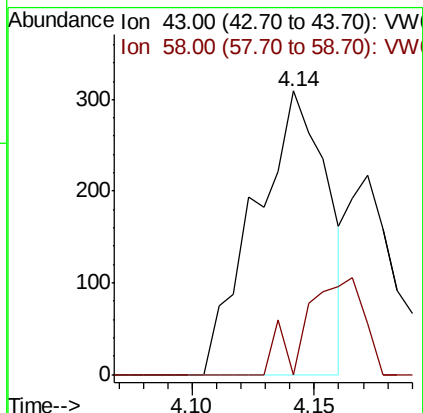
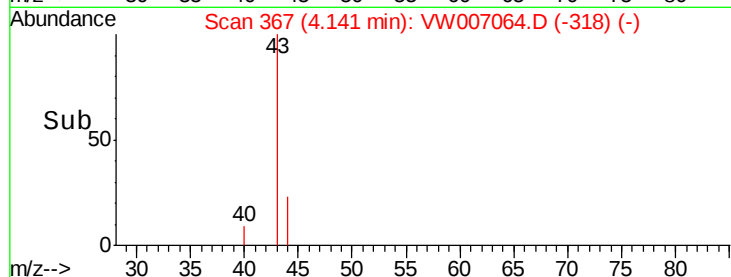
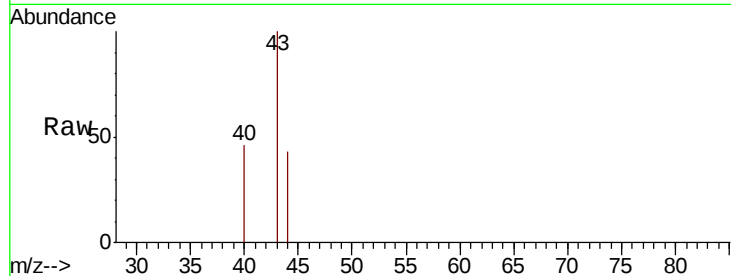
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 633

Ion Ratio Lower Upper

43 100

58 0.0 24.8 37.2#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW007064.D

Acq: 27 Nov 2018 00:29

Tgt Ion: 84 Resp: 3181

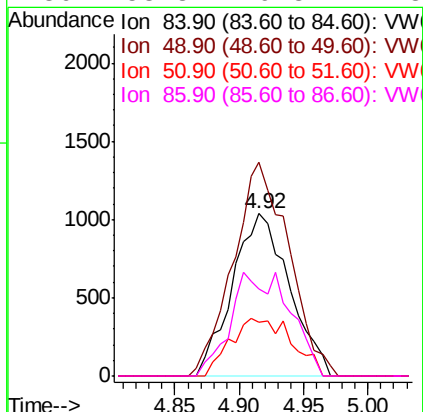
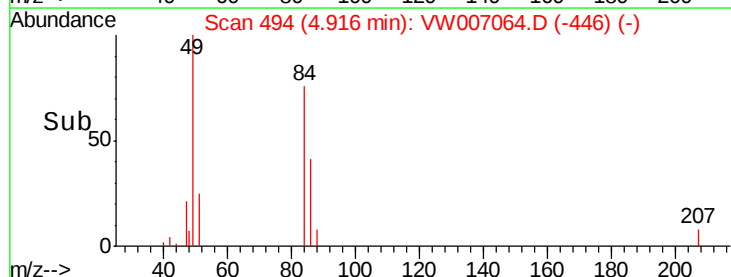
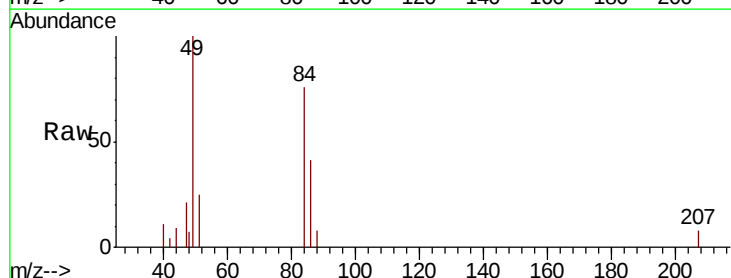
Ion Ratio Lower Upper

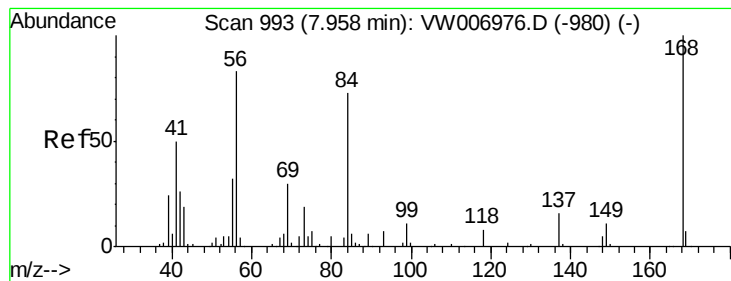
84 100

49 131.6 93.4 140.0

51 33.5 28.4 42.6

86 53.3 49.8 74.8





#31

Cyclohexane

Concen: 1.076 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

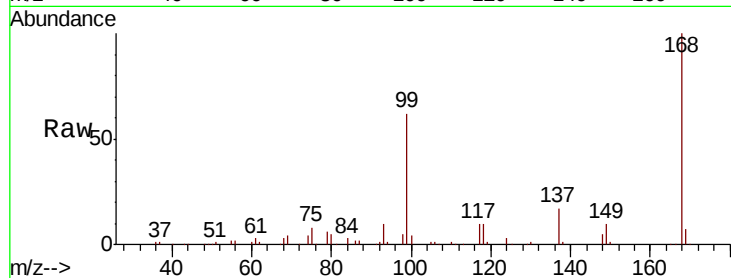
Lab File: VW007064.D

Acq: 27 Nov 2018 00:29

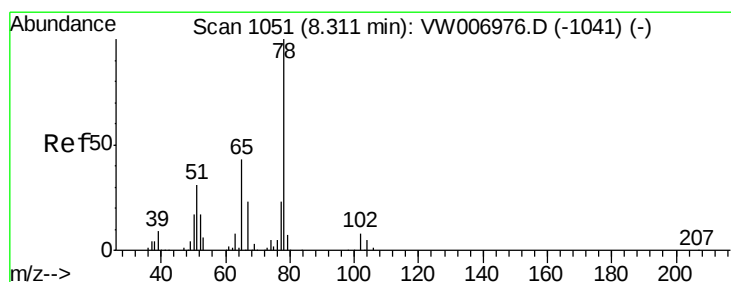
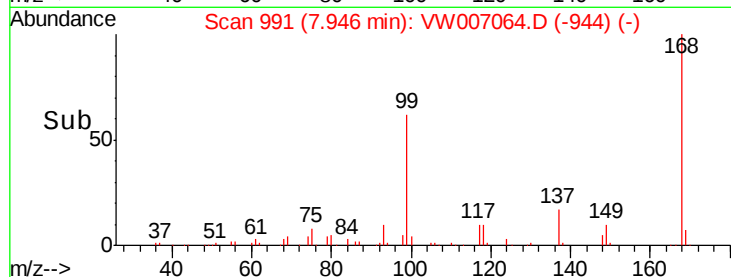
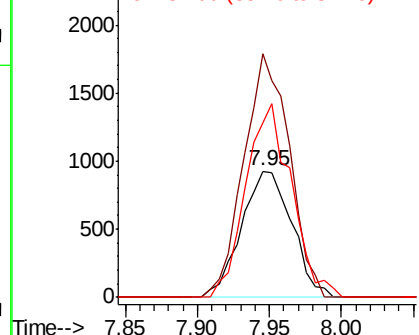
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 2247

Ion	Ratio	Lower	Upper
56	100		
69	193.1	29.1	43.7#
84	138.2	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: 54.184 ug/l

RT: 8.31 min Scan# 1050

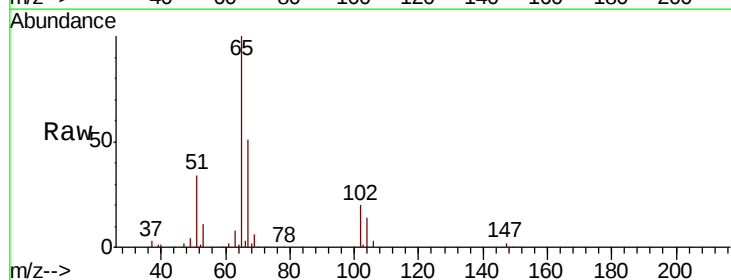
Delta R.T. -0.01 min

Lab File: VW007064.D

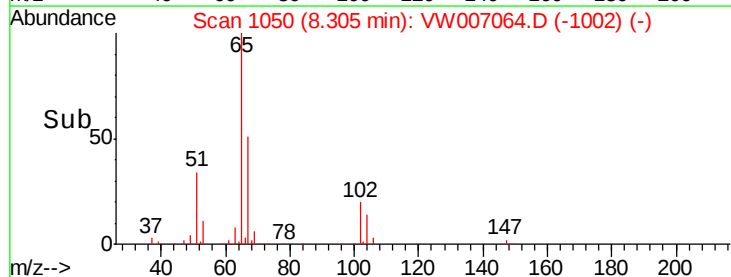
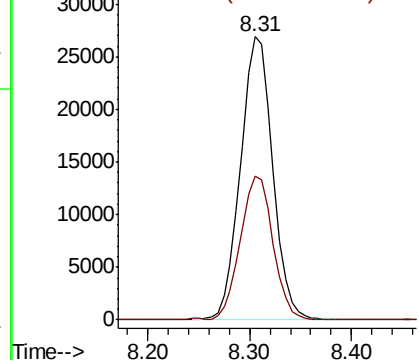
Acq: 27 Nov 2018 00:29

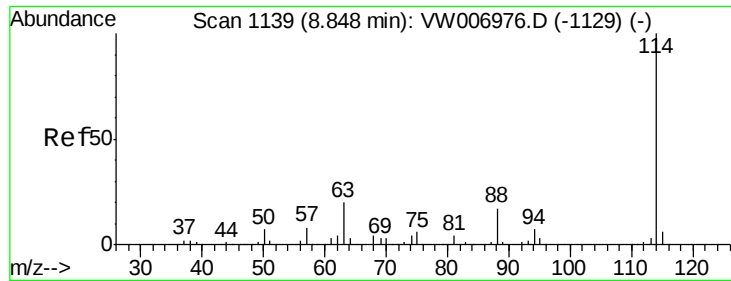
Tgt Ion: 65 Resp: 58756

Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	106.2



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

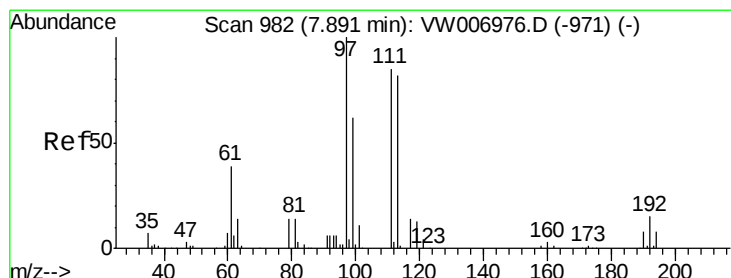
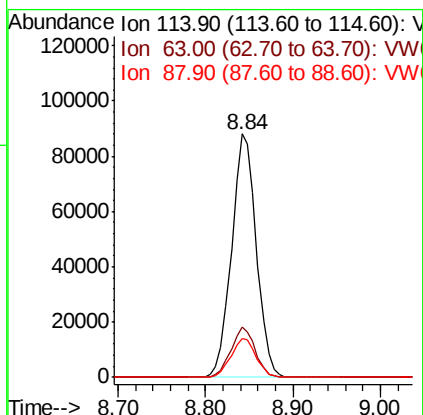
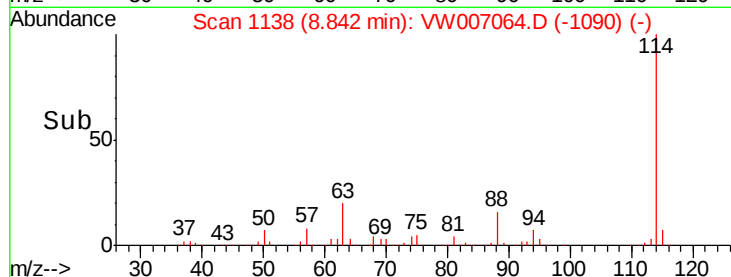
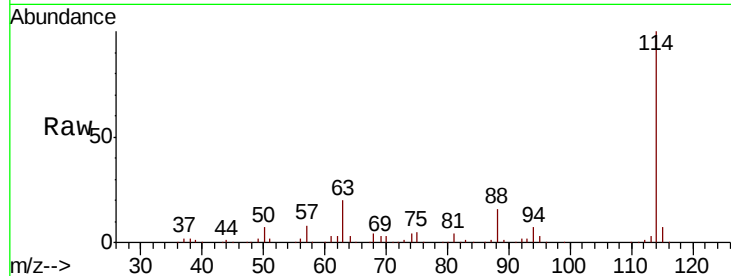




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW007064.D
 Acq: 27 Nov 2018 00:29

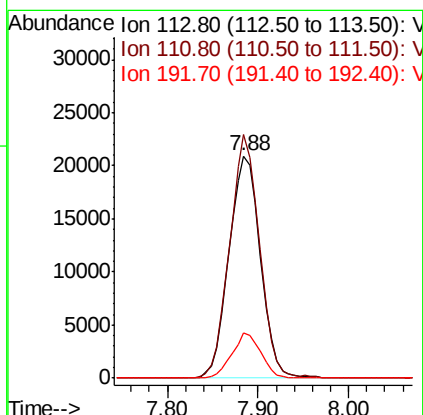
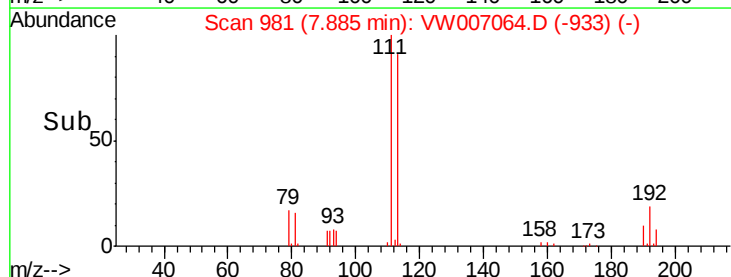
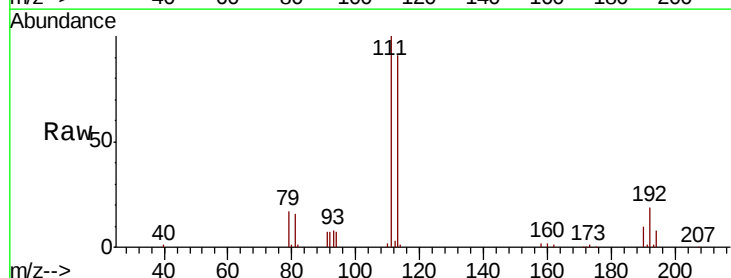
Instrument :
 MSVOA_W
 ClientSampleId :

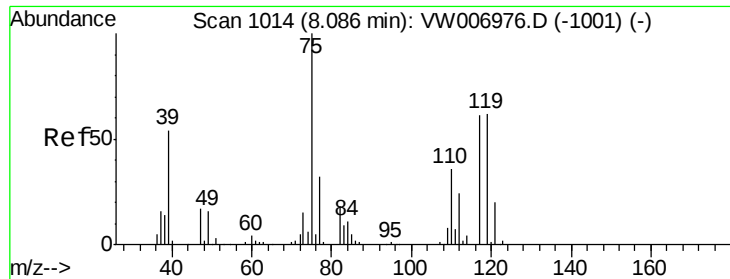
Tot Ion:114 Resp: 173214
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 39.4
 88 16.1 0.0 34.2



#35
 Dibromofluoromethane
 Concen: 51.462 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW007064.D
 Acq: 27 Nov 2018 00:29

Tgt Ion:113 Resp: 50339
 Ion Ratio Lower Upper
 113 100
 111 104.0 81.0 121.6
 192 18.5 15.0 22.6

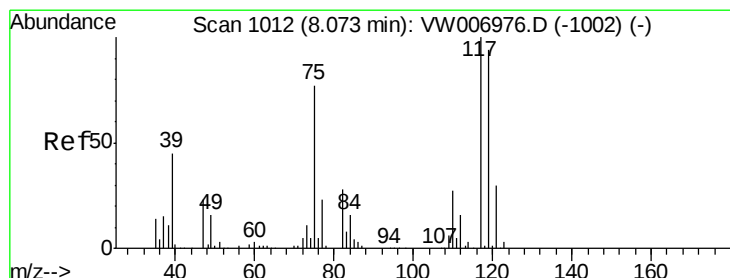
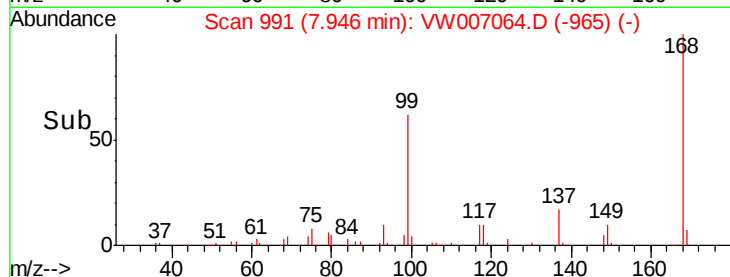
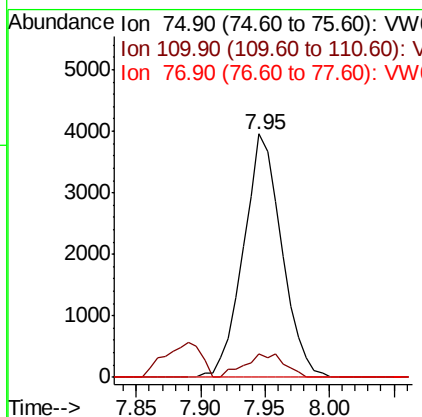
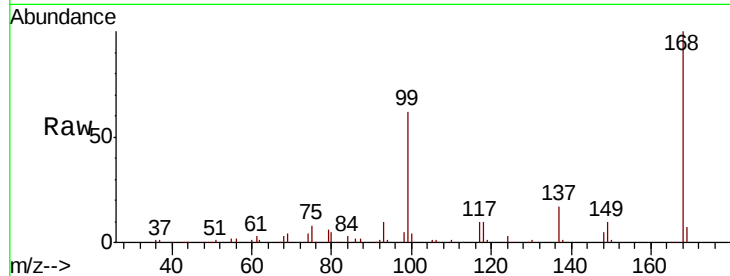




#36
 1,1-Dichloropropene
 Concen: 4.797 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW007064.D
 Acq: 27 Nov 2018 00:29

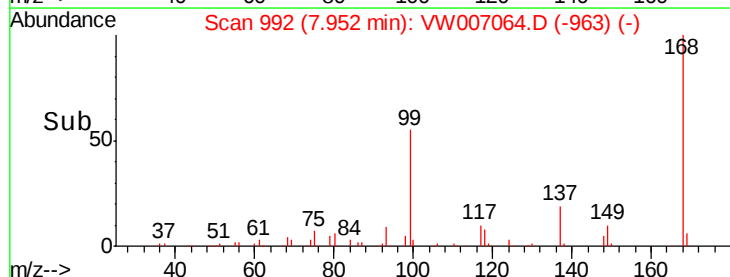
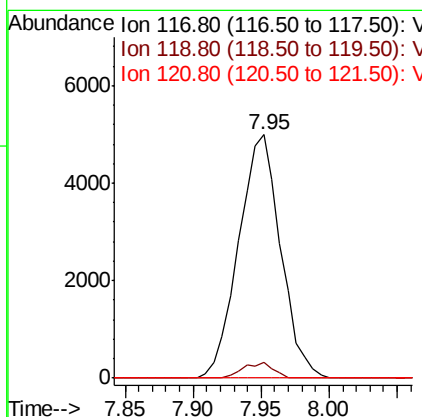
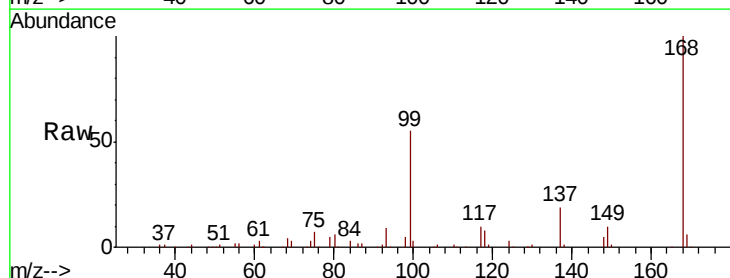
Instrument :
 MSVOA_W
 ClientSampled :

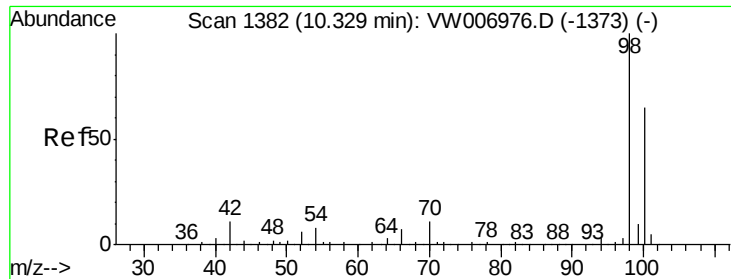
Tot Ion	75	Resp	8119
Ion Ratio	Lower	Upper	
75	100		
110	10.1	18.0	54.0#
77	0.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 6.637 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW007064.D
 Acq: 27 Nov 2018 00:29

Tgt Ion	117	Resp	10758
Ion Ratio	Lower	Upper	
117	100		
119	6.4	74.9	112.3#
121	0.0	23.6	35.4#





#50

Toluene-d8

Concen: 51.679 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW007064.D

Acq: 27 Nov 2018 00:29

Instrument :

MSVOA_W

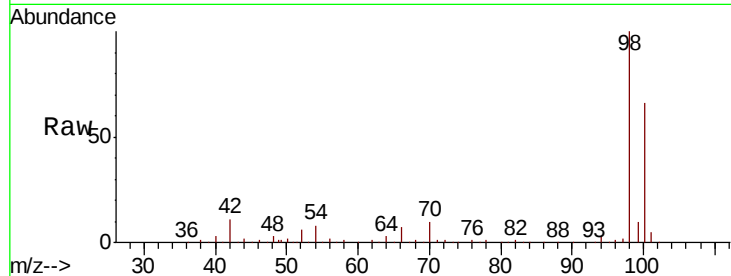
ClientSampled :

Tot Ion: 98 Resp: 223230

Ion Ratio Lower Upper

98 100

100 65.7 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.32

150000

100000

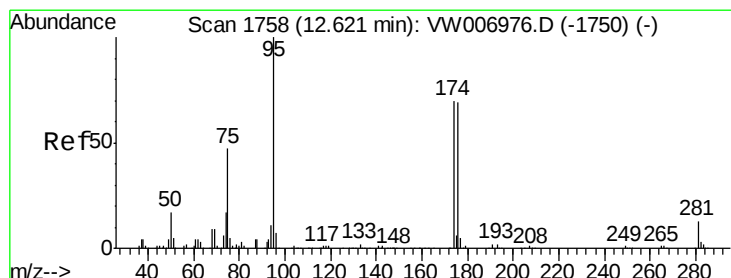
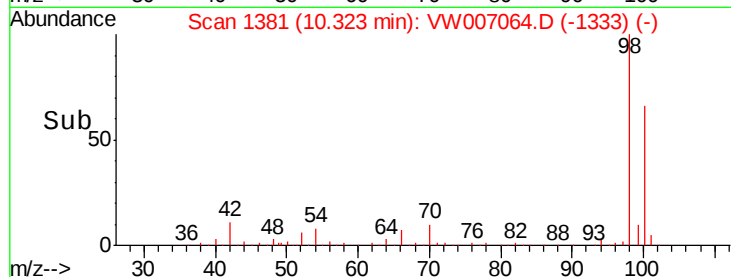
50000

0

Time-->

10.30

10.40



#62

4-Bromofluorobenzene

Concen: 52.069 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW007064.D

Acq: 27 Nov 2018 00:29

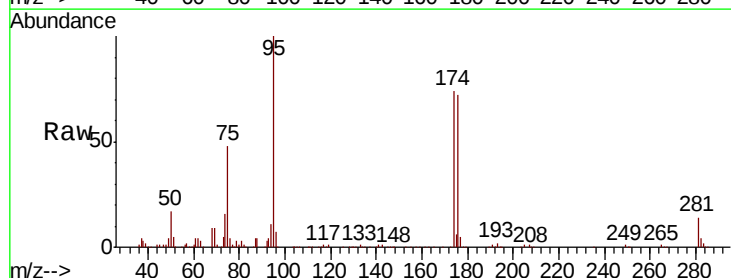
Tgt Ion: 95 Resp: 88507

Ion Ratio Lower Upper

95 100

174 74.5 0.0 143.6

176 71.6 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

60000

40000

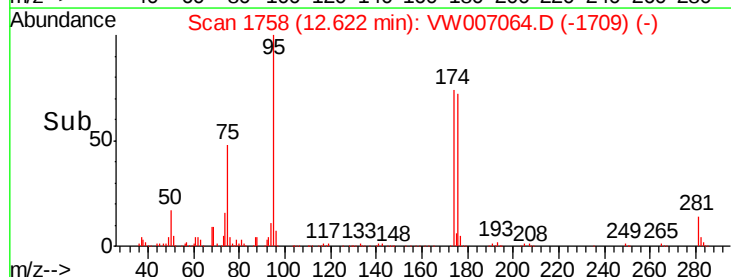
20000

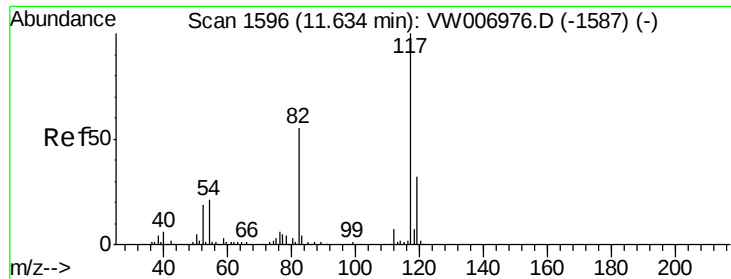
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Time-->

12.60

12.70

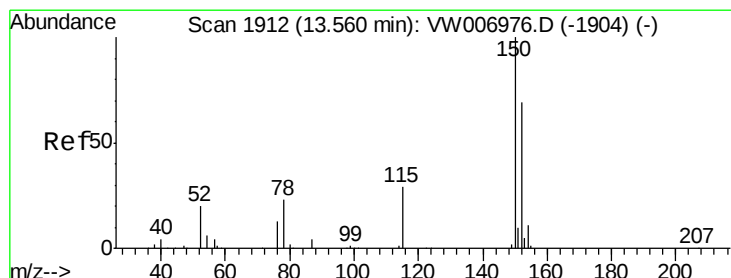
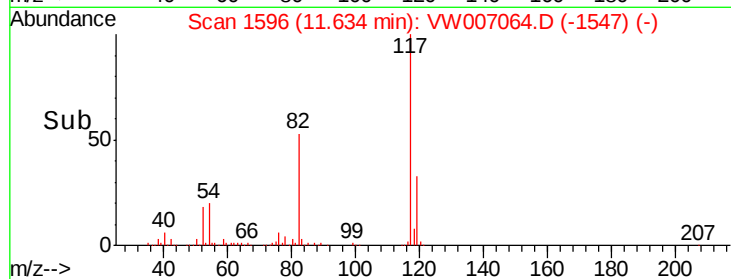
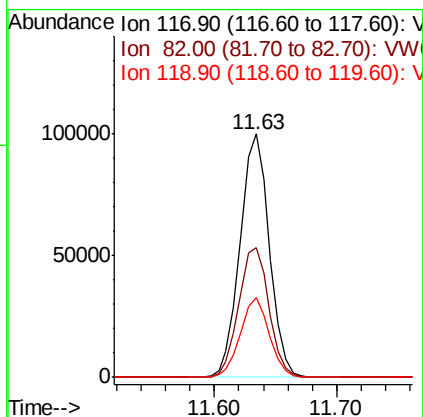
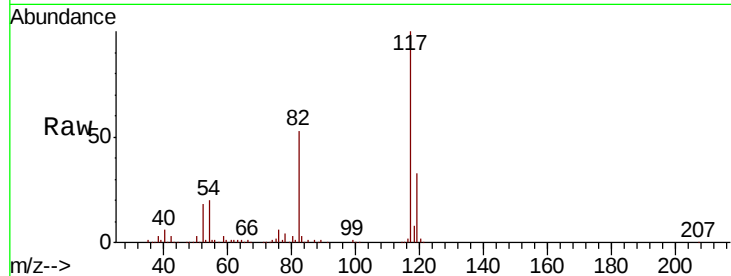




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007064.D
Acq: 27 Nov 2018 00:29

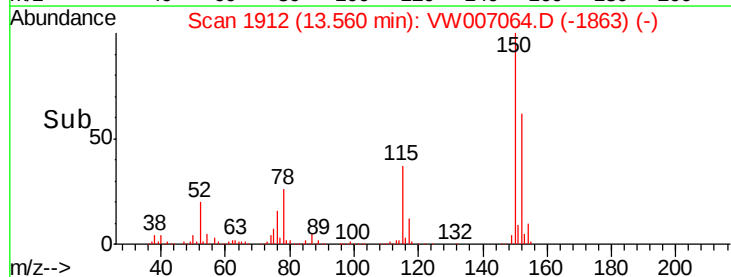
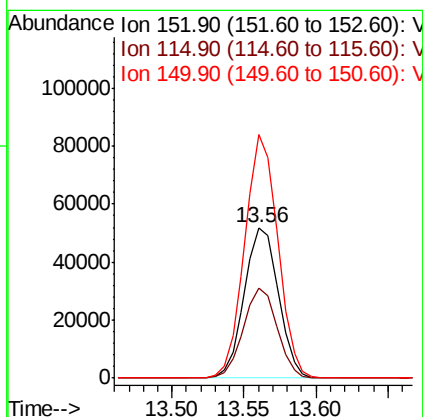
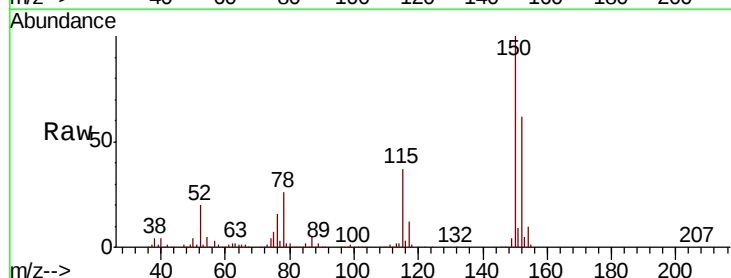
Instrument :
MSVOA_W
ClientSampled :

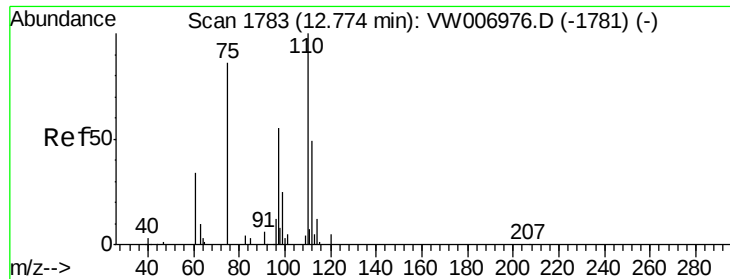
Tot Ion:117 Resp: 165712
Ion Ratio Lower Upper
117 100
82 53.2 44.2 66.2
119 32.5 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW007064.D
Acq: 27 Nov 2018 00:29

Tgt Ion:152 Resp: 84893
Ion Ratio Lower Upper
152 100
115 59.5 31.4 94.2
150 157.0 0.0 353.4





#76

1,2,3-Trichloropropane

Concen: 63.517 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007064.D

Acq: 27 Nov 2018 00:29

Instrument :

MSVOA_W

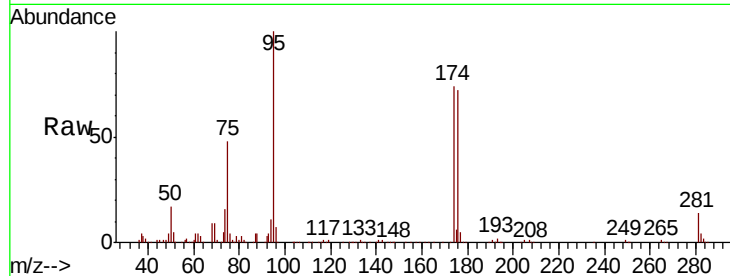
ClientSampleId :

Tot Ion: 75 Resp: 42371

Ion Ratio Lower Upper

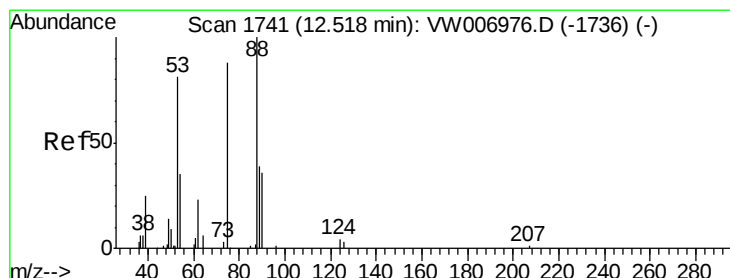
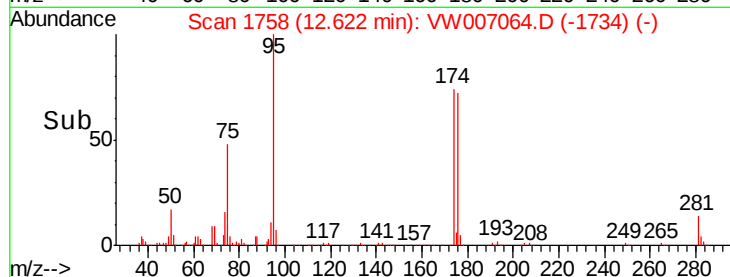
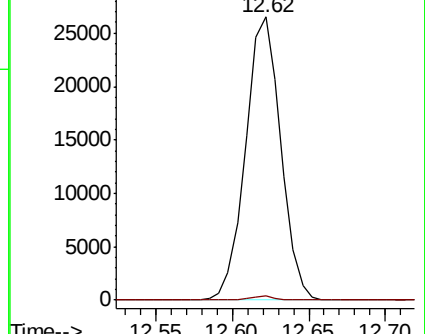
75 100

77 1.2 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: 159.465 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007064.D

Acq: 27 Nov 2018 00:29

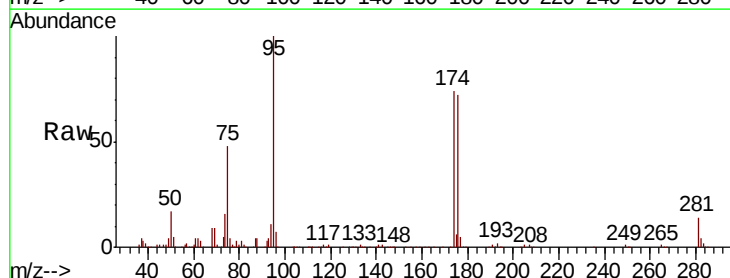
Tgt Ion: 75 Resp: 42371

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

