

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112218\
 Data File : VW007034.D
 Acq On : 22 Nov 2018 07:59
 Operator : VAY/AP
 Sample : J6028-02
 Misc : 5.39G/5ML/MSVOA W/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 22 23:46:22 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

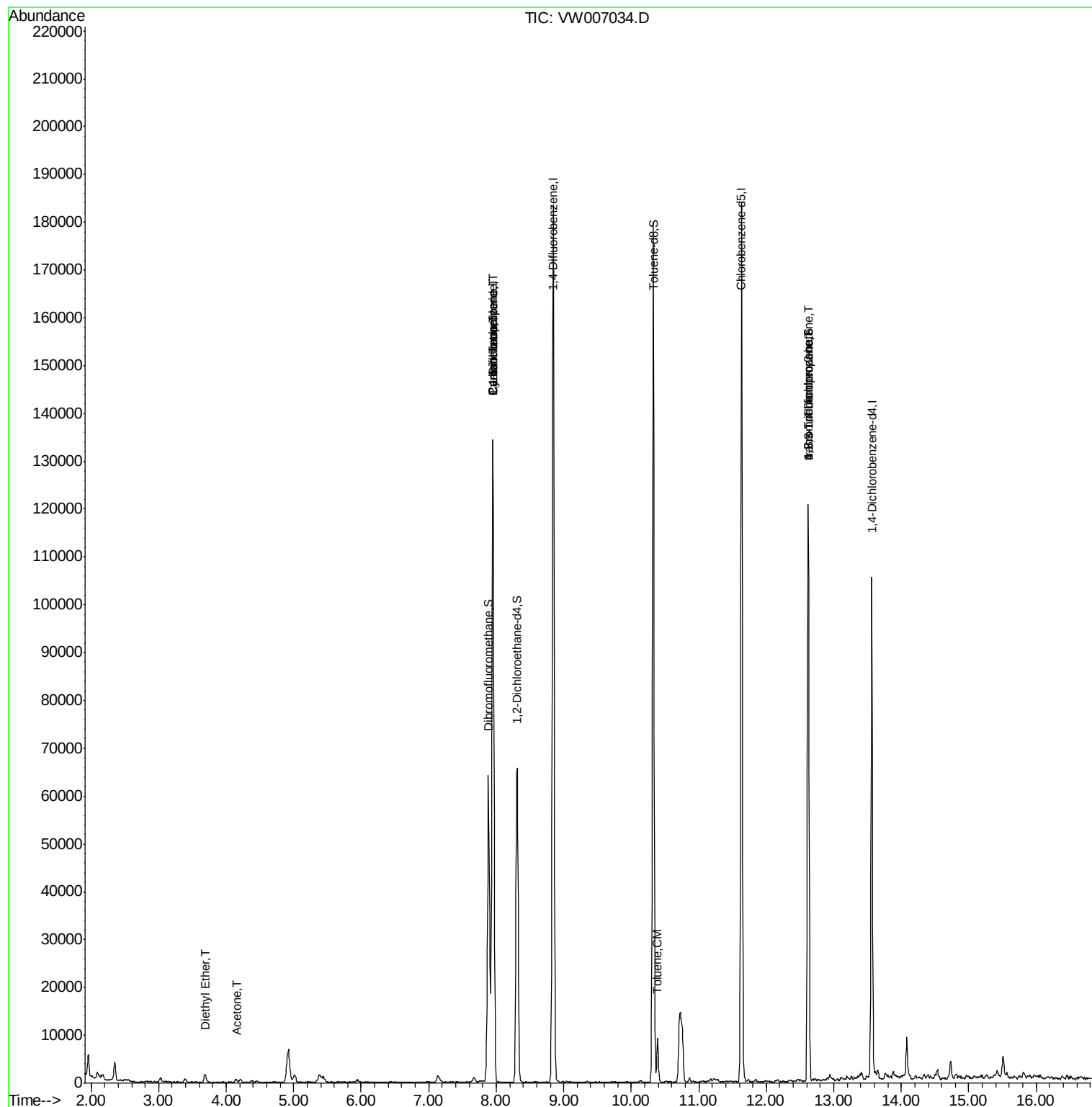
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	100221	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	158212	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	104182	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	27131	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	53440	54.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.92%	
35) Dibromofluoromethane	7.88	113	46204	51.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.42%	
50) Toluene-d8	10.33	98	123574	31.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	62.64%	
62) 4-Bromofluorobenzene	12.62	95	40160	25.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	51.74%	
Target Compounds						
8) Diethyl Ether	3.68	74	903	1.757	ug/l	95
16) Acetone	4.15	43	620	4.352	ug/l #	44
20) Methylene Chloride	4.92	84	5665	Below Cal	#	89
31) Cyclohexane	7.95	56	2179	1.153	ug/l #	6
36) 1,1-Dichloropropene	7.95	75	7401	4.787	ug/l #	49
38) Carbon Tetrachloride	7.95	117	10328	6.976	ug/l #	17
52) Toluene	10.39	92	4385	1.544	ug/l	98
76) 1,2,3-Trichloropropane	12.62	75	19542	91.663	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	19542	230.129	ug/l #	10

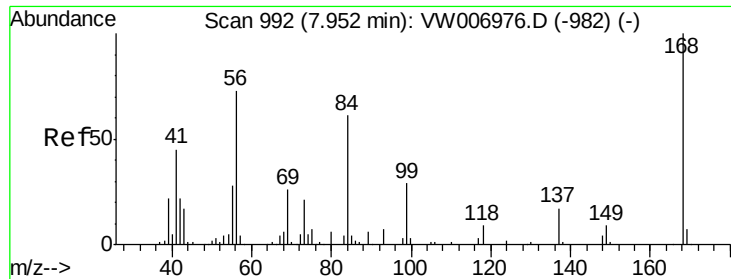
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
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: VW007034.D

Acq: 22 Nov 2018 07:59

Instrument :

MSVOA_W

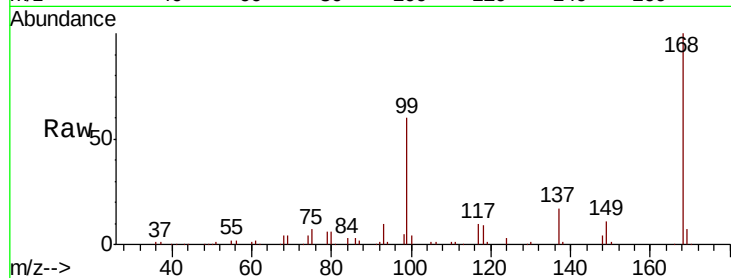
ClientSampleId :

Tot Ion:168 Resp: 100221

Ion Ratio Lower Upper

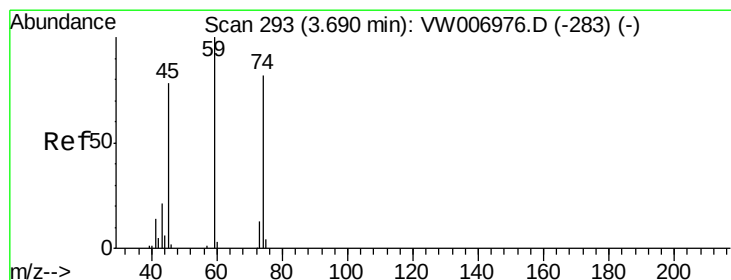
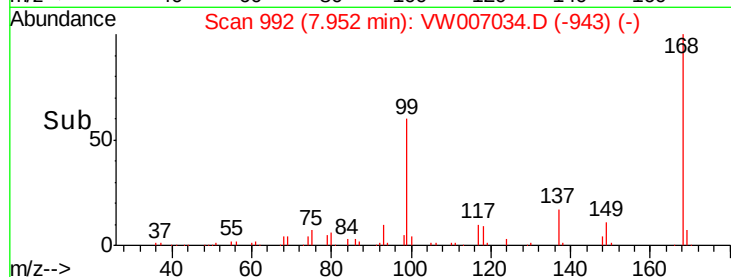
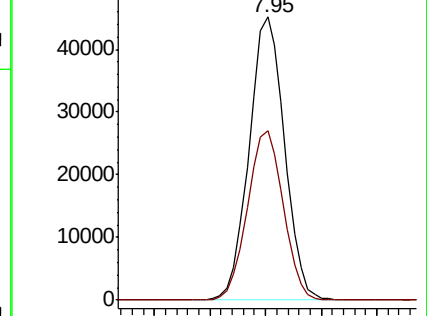
168 100

99 60.0 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 1.757 ug/l

RT: 3.68 min Scan# 292

Delta R.T. -0.01 min

Lab File: VW007034.D

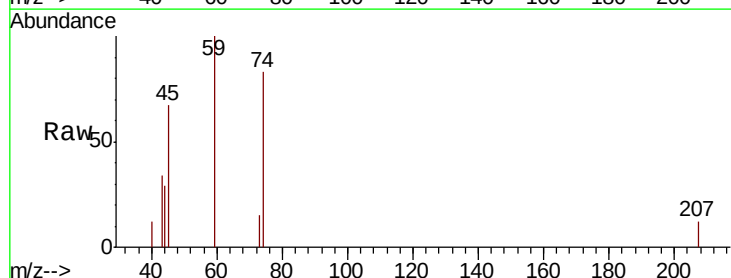
Acq: 22 Nov 2018 07:59

Tgt Ion: 74 Resp: 903

Ion Ratio Lower Upper

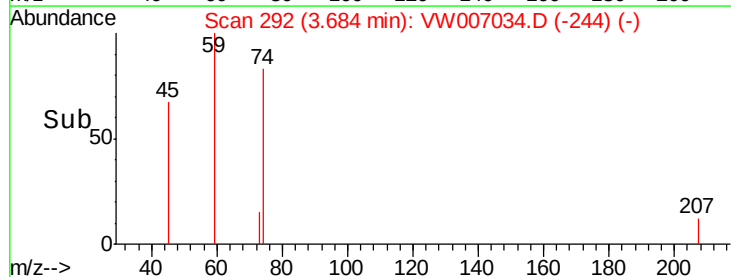
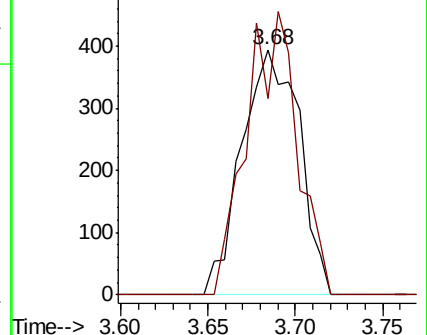
74 100

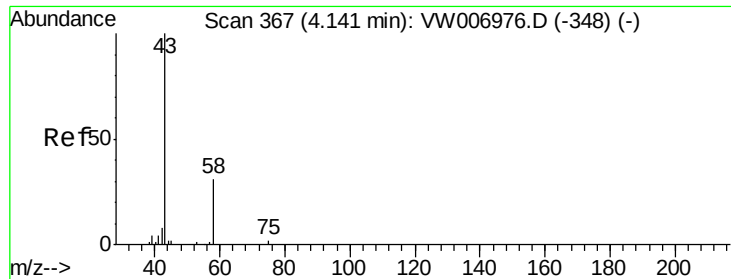
45 101.6 48.4 145.2



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

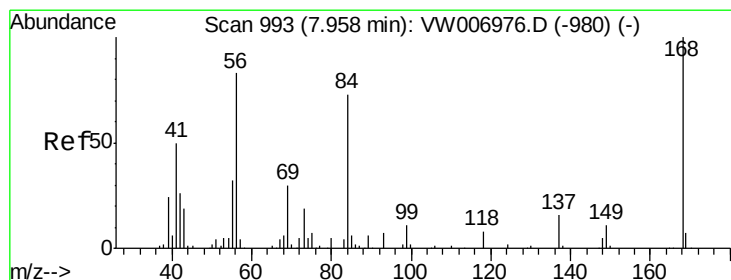
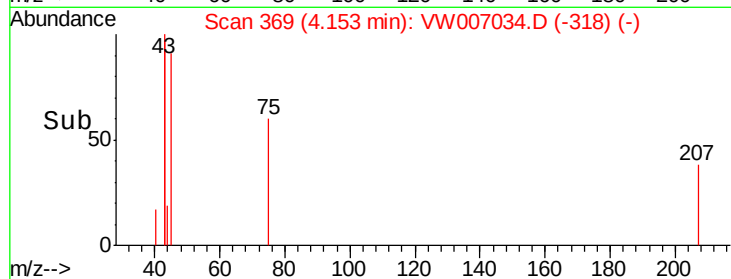
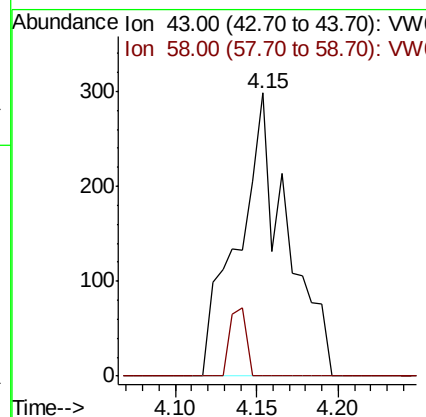
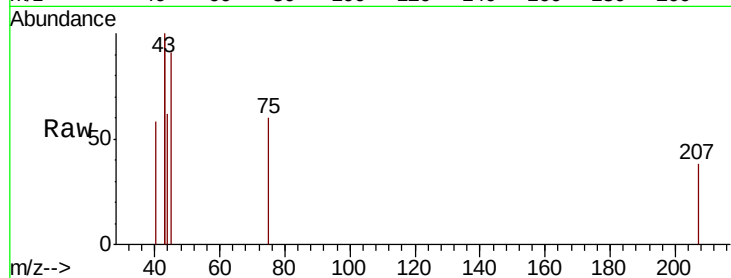




#16
Acetone
Concen: 4.352 ug/l
RT: 4.15 min Scan# 369
Delta R.T. 0.01 min
Lab File: VW007034.D
Acq: 22 Nov 2018 07:59

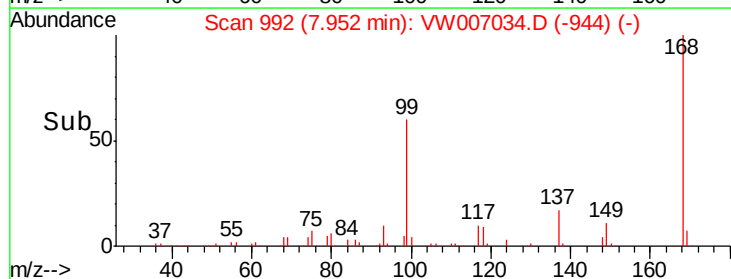
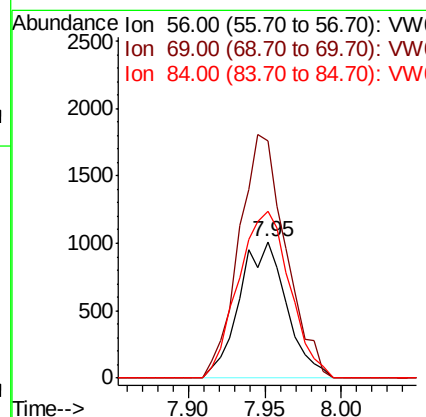
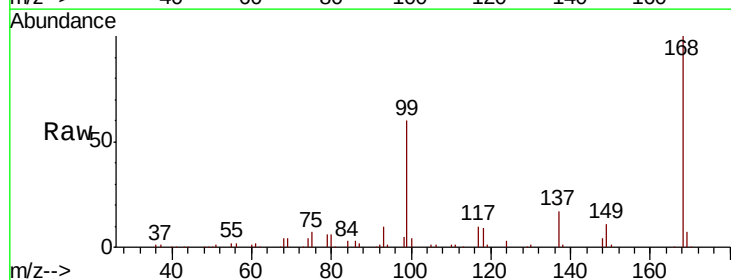
Instrument :
MSVOA_W
ClientSampled :

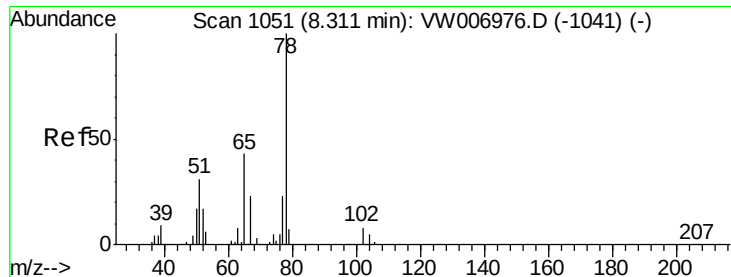
Tot Ion: 43 Resp: 620
Ion Ratio Lower Upper
43 100
58 0.0 24.8 37.2#



#31
Cyclohexane
Concen: 1.153 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW007034.D
Acq: 22 Nov 2018 07:59

Tgt Ion: 56 Resp: 2179
Ion Ratio Lower Upper
56 100
69 173.3 29.1 43.7#
84 122.5 70.6 105.8#

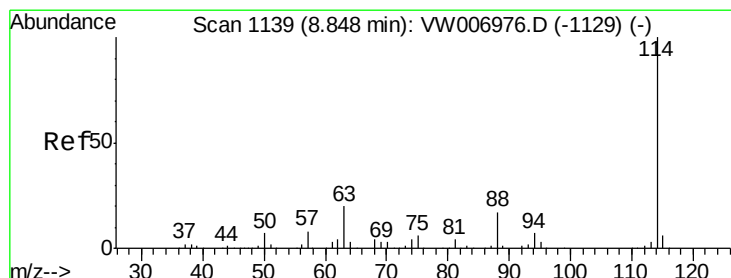
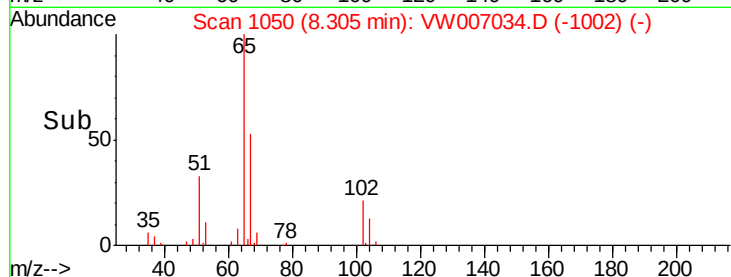
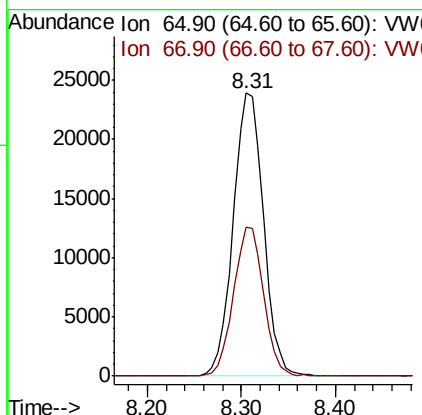
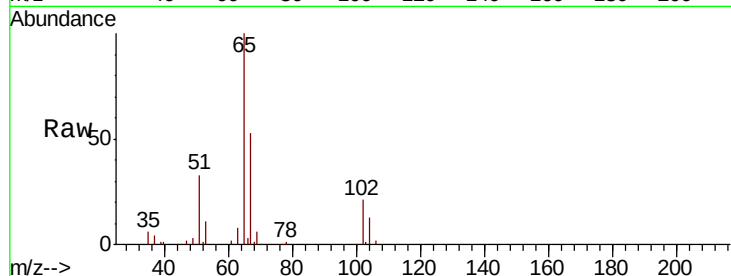




#33
 1,2-Dichloroethane-d4
 Concen: 54.465 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW007034.D
 Acq: 22 Nov 2018 07:59

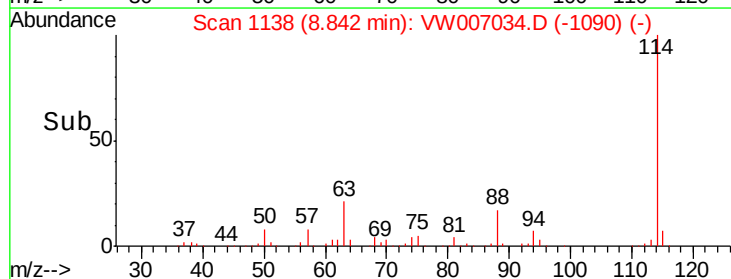
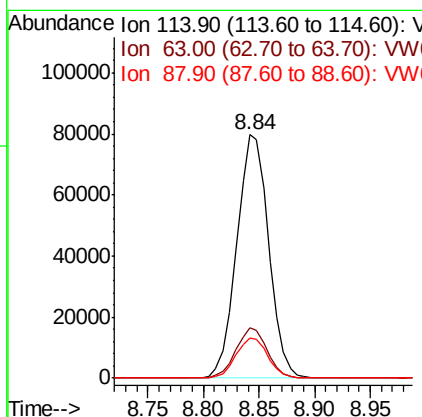
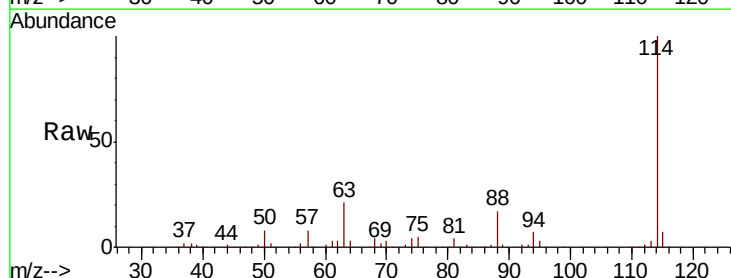
Instrument :
 MSVOA_W
 ClientSampled :

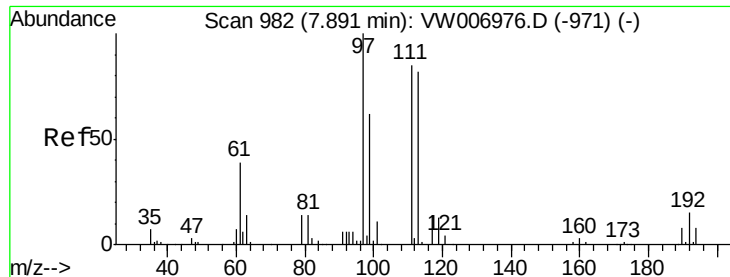
Tot Ion: 65 Resp: 53440
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW007034.D
 Acq: 22 Nov 2018 07:59

Tgt Ion: 114 Resp: 158212
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 39.4
 88 16.6 0.0 34.2

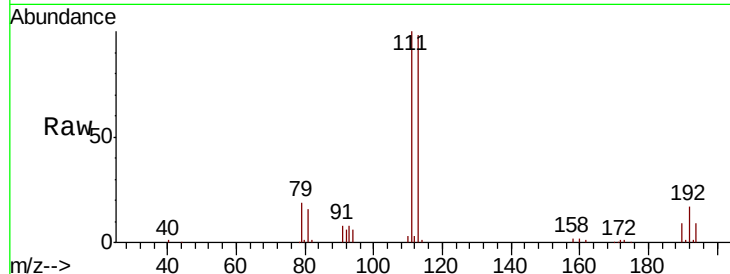




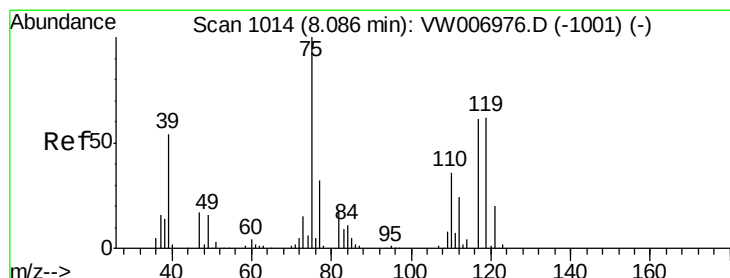
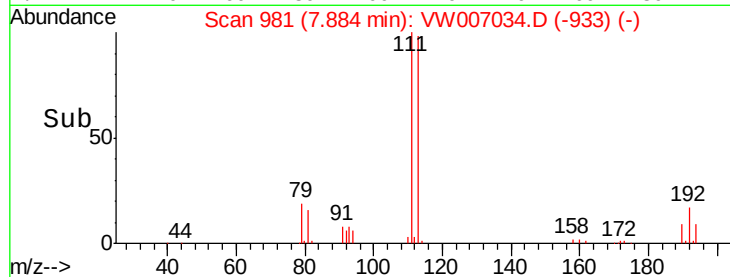
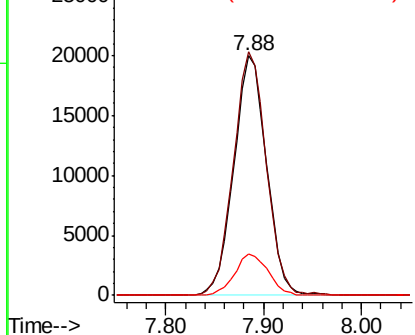
#35
 Dibromofluoromethane
 Concen: 51.713 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW007034.D
 Acq: 22 Nov 2018 07:59

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:113 Resp: 46204
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.0 121.6
 192 17.9 15.0 22.6

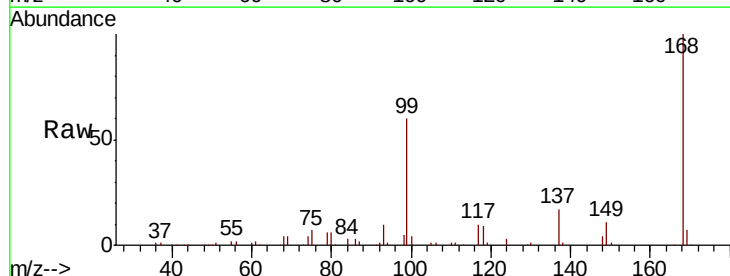


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

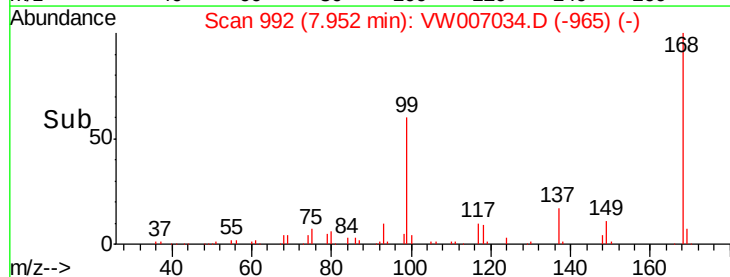
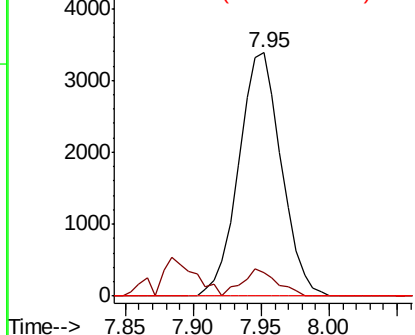


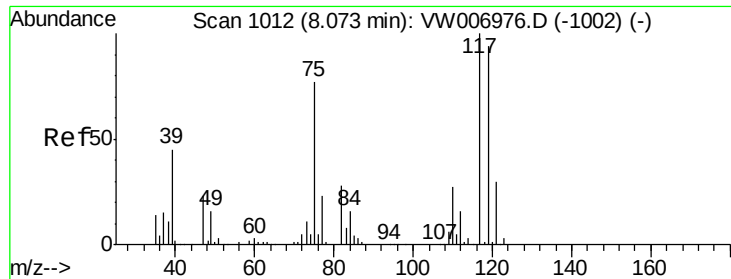
#36
 1,1-Dichloropropene
 Concen: 4.787 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW007034.D
 Acq: 22 Nov 2018 07:59

Tgt Ion: 75 Resp: 7401
 Ion Ratio Lower Upper
 75 100
 110 9.0 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

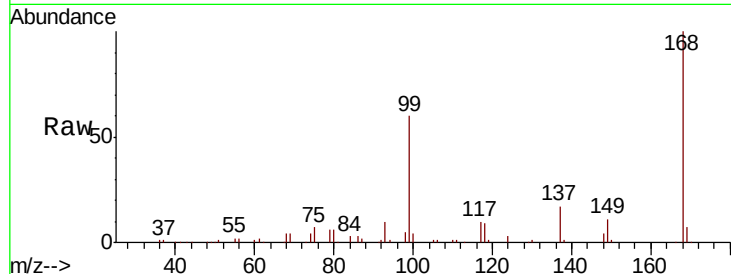




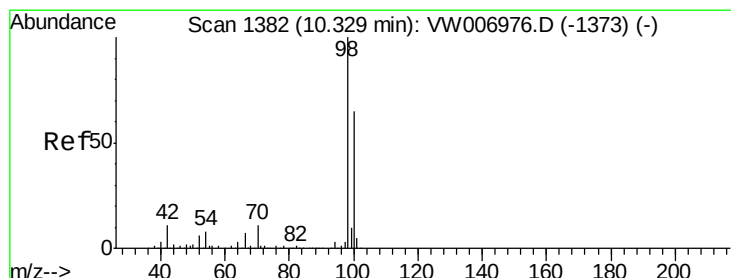
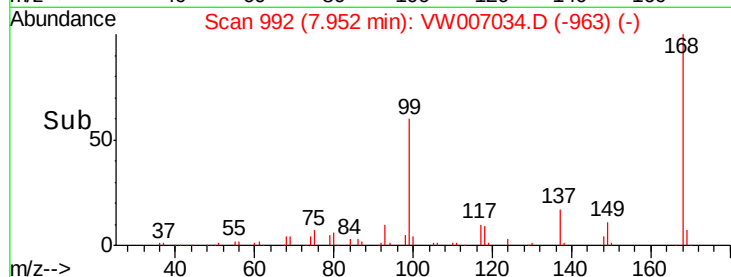
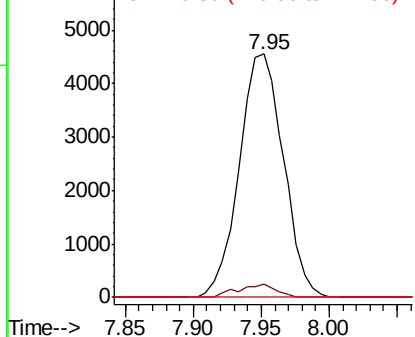
#38
Carbon Tetrachloride
Concen: 6.976 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW007034.D
Acq: 22 Nov 2018 07:59

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 10328
Ion Ratio Lower Upper
117 100
119 5.5 74.9 112.3#
121 0.0 23.6 35.4#

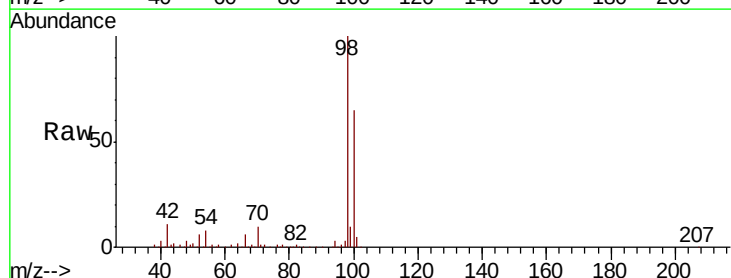


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

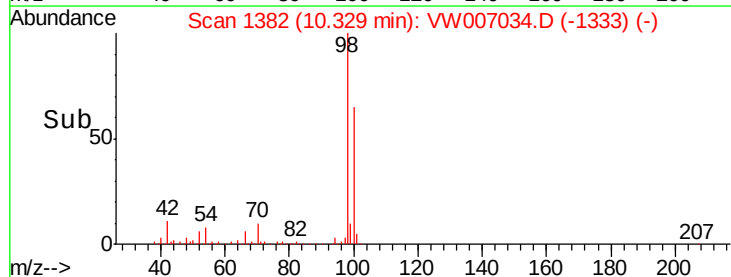
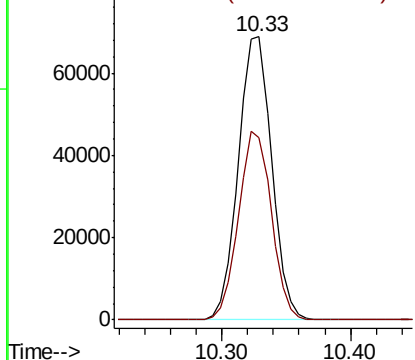


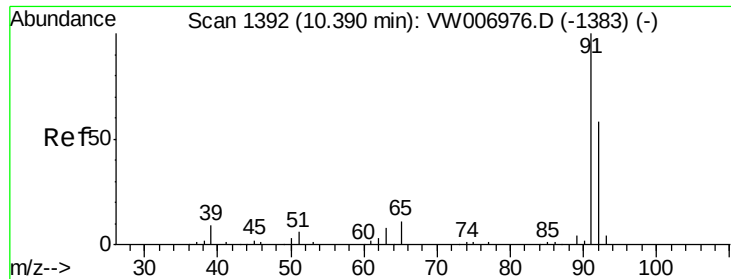
#50
Toluene-d8
Concen: 31.321 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW007034.D
Acq: 22 Nov 2018 07:59

Tgt Ion: 98 Resp: 123574
Ion Ratio Lower Upper
98 100
100 65.8 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): V





#52

Toluene

Concen: 1.544 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW007034.D

Acq: 22 Nov 2018 07:59

Instrument :

MSVOA_W

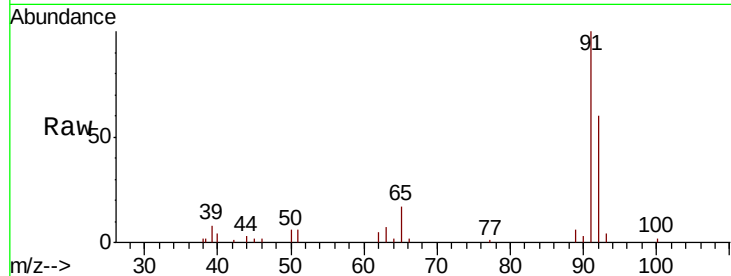
ClientSampleId :

Tot Ion: 92 Resp: 4385

Ion Ratio Lower Upper

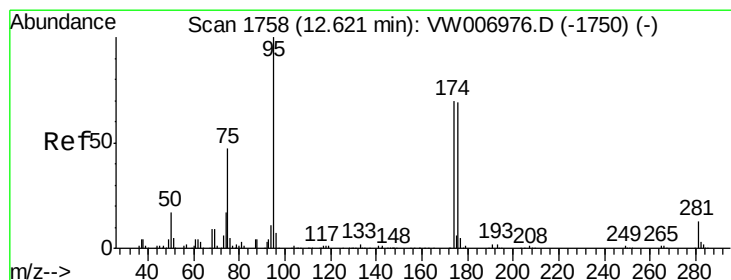
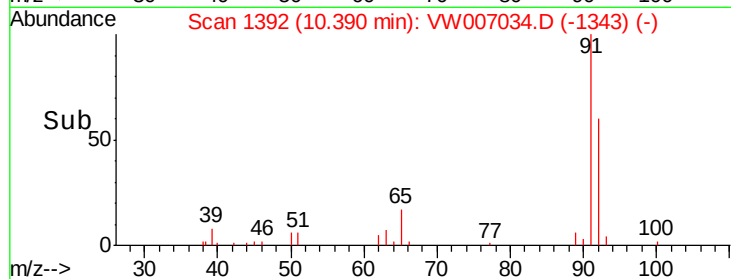
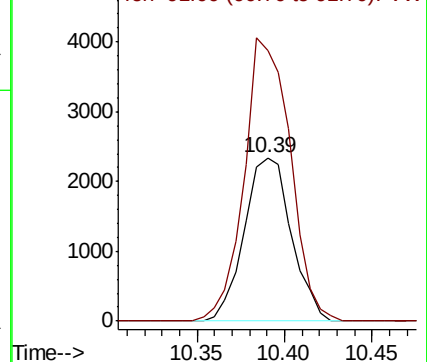
92 100

91 169.5 137.3 205.9



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW



#62

4-Bromofluorobenzene

Concen: 25.867 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW007034.D

Acq: 22 Nov 2018 07:59

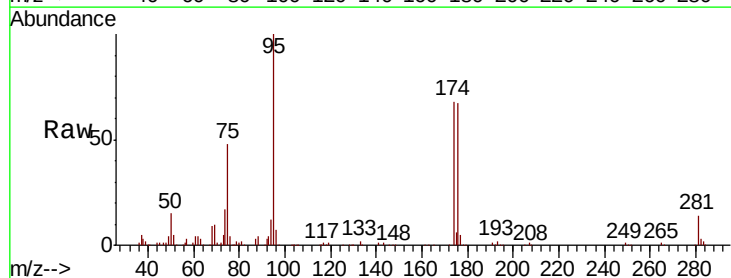
Tgt Ion: 95 Resp: 40160

Ion Ratio Lower Upper

95 100

174 72.9 0.0 143.6

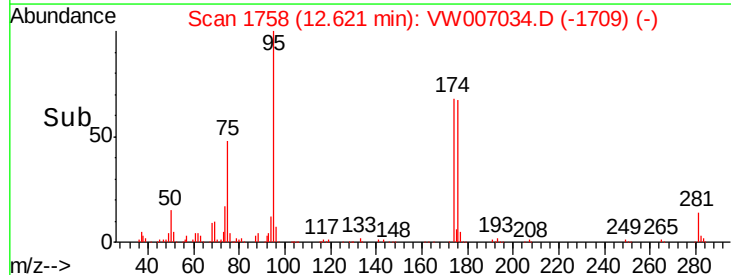
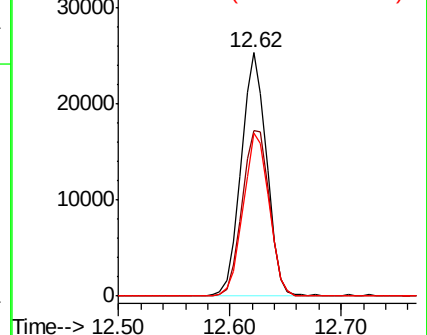
176 68.1 0.0 140.4

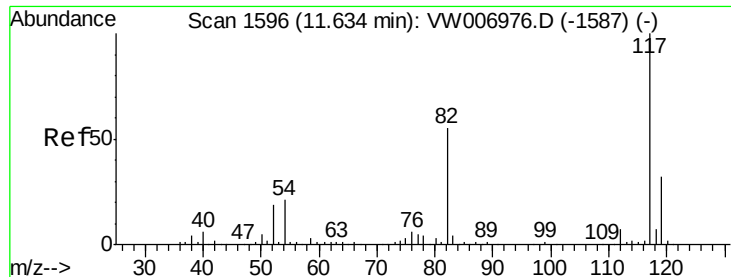


Abundance Ion 94.90 (94.60 to 95.60): VW

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: VW007034.D

Acq: 22 Nov 2018 07:59

Instrument :

MSVOA_W

ClientSampleId :

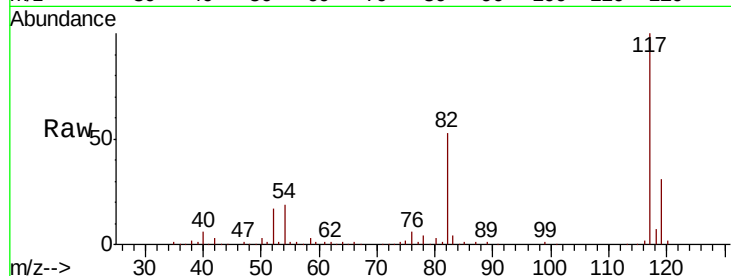
Tot Ion:117 Resp: 104182

Ion Ratio Lower Upper

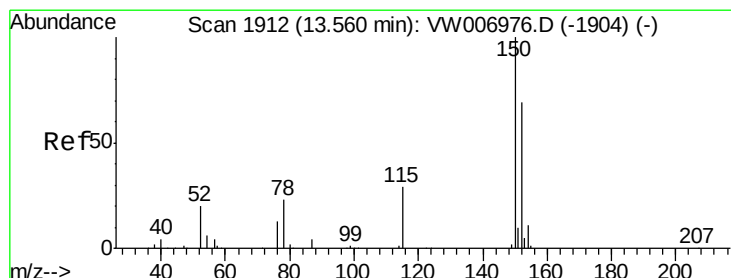
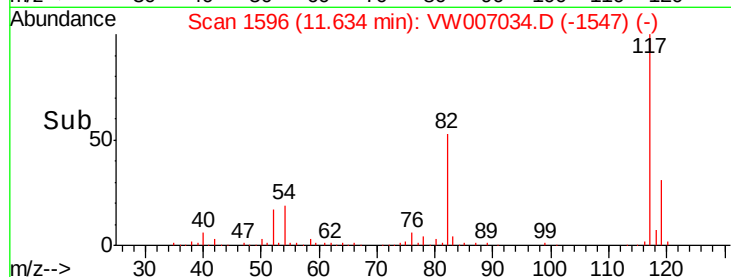
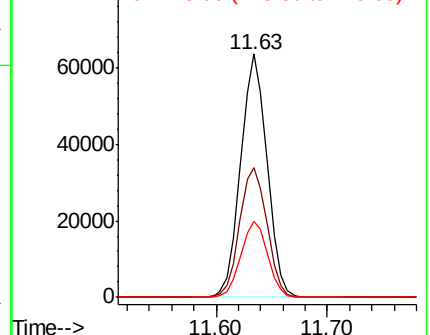
117 100

82 53.4 44.2 66.2

119 31.1 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: VW007034.D

Acq: 22 Nov 2018 07:59

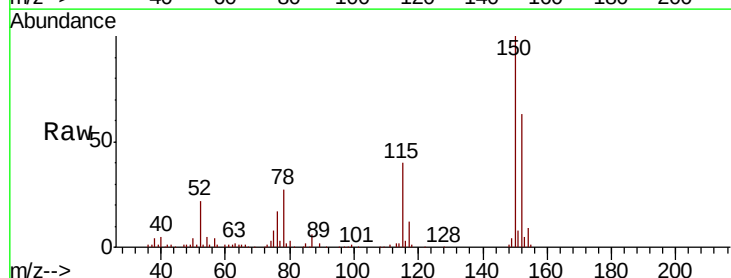
Tgt Ion:152 Resp: 27131

Ion Ratio Lower Upper

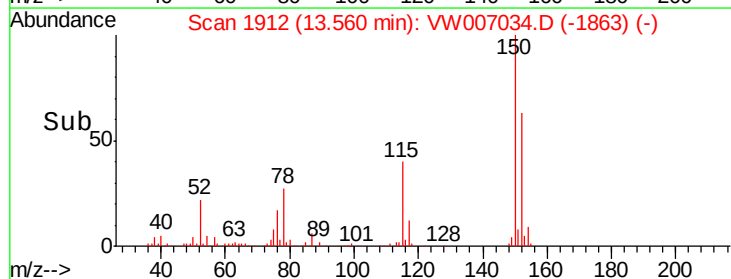
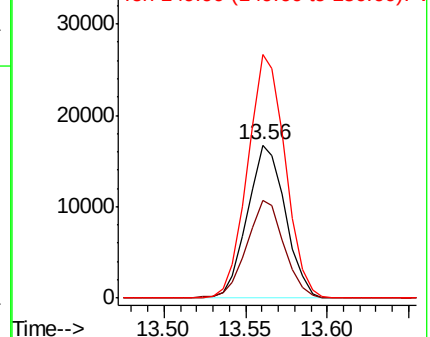
152 100

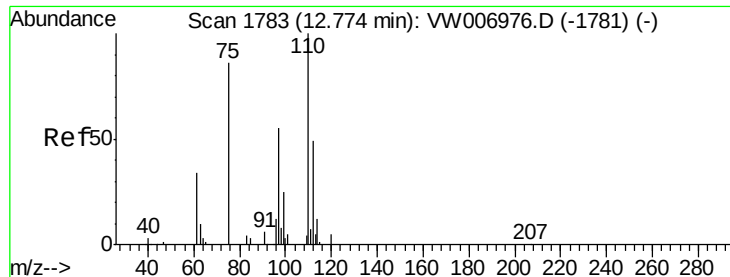
115 63.0 31.4 94.2

150 157.2 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: 91.663 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007034.D

Acq: 22 Nov 2018 07:59

Instrument :

MSVOA_W

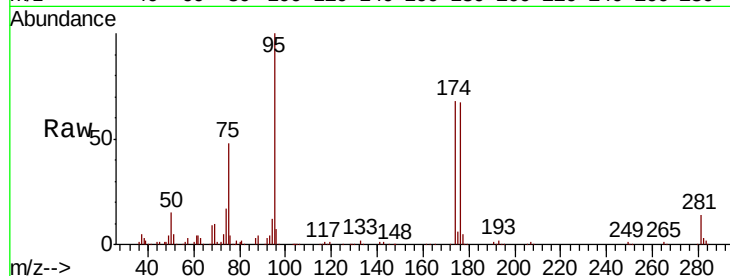
ClientSampled :

Tot Ion: 75 Resp: 19542

Ion Ratio Lower Upper

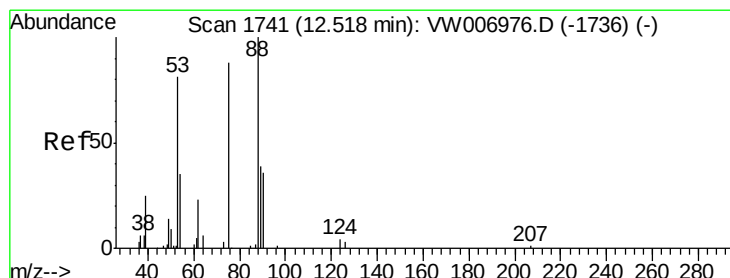
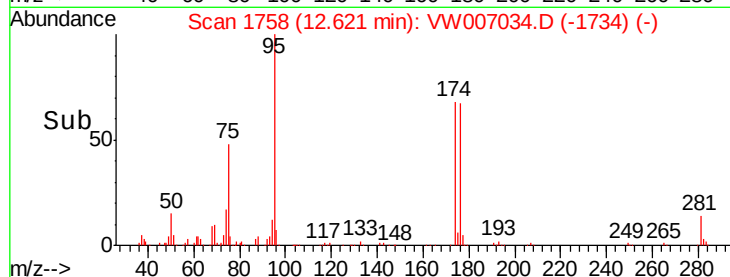
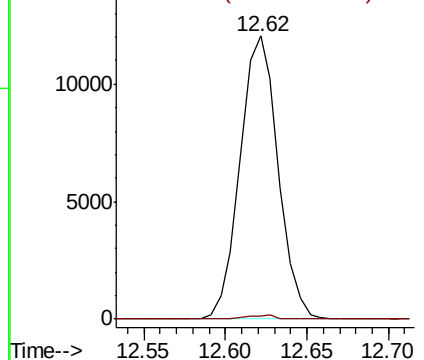
75 100

77 1.0 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: 230.129 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007034.D

Acq: 22 Nov 2018 07:59

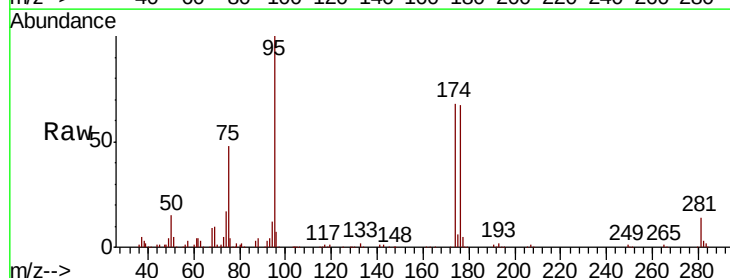
Tgt Ion: 75 Resp: 19542

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

