

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120518\
 Data File : VW007274.D
 Acq On : 06 Dec 2018 11:44
 Operator : SY/AP
 Sample : J6214-09
 Misc : 4.52G/5ML/MSVOA W/SOIL
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 06 12:42:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 05 01:35:23 2018
 Response via : Initial Calibration

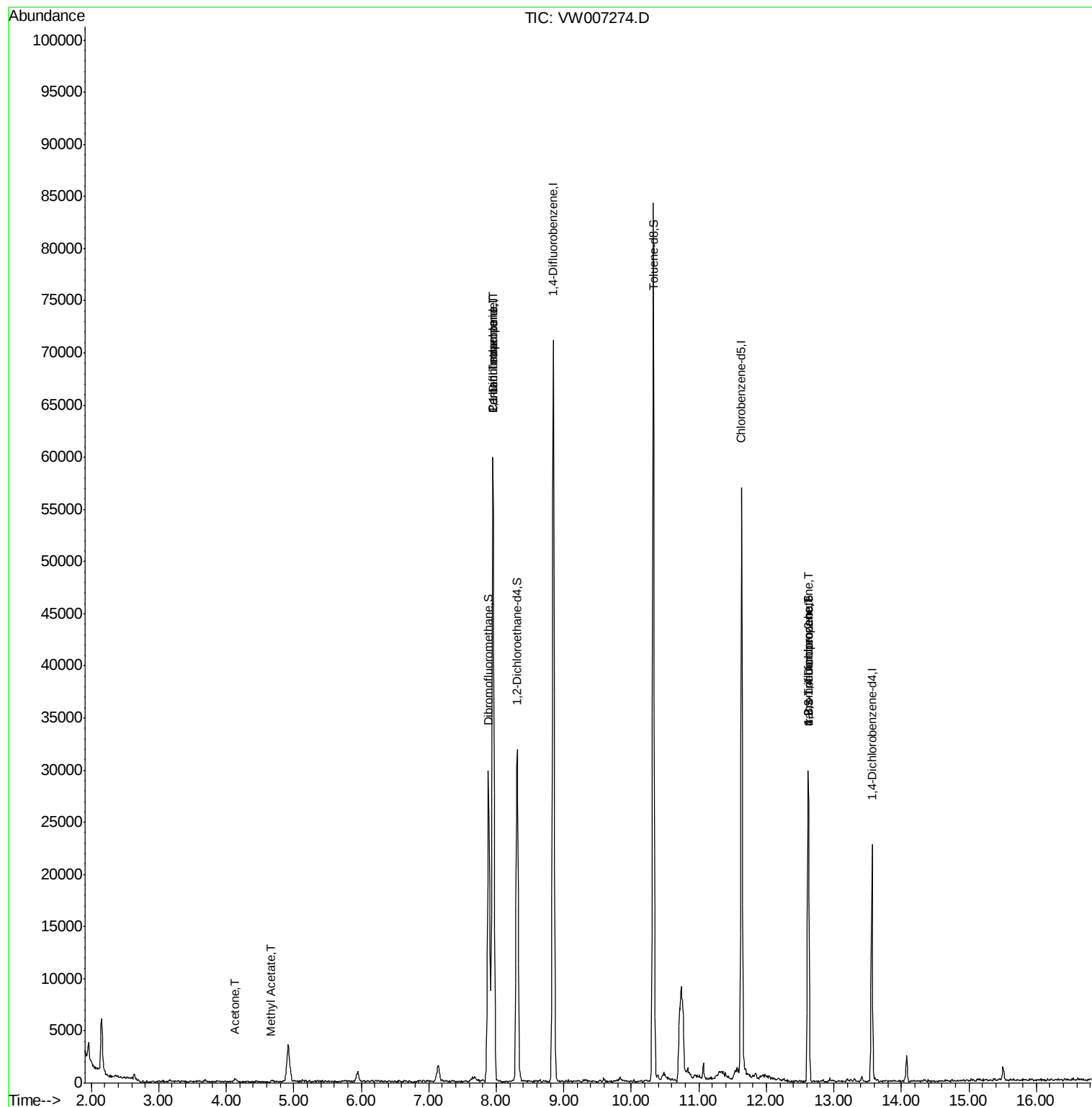
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	44662	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	62095	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	32489	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	5885	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	25812	62.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	124.14%	
35) Dibromofluoromethane	7.89	113	22092	62.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	124.26%	
50) Toluene-d8	10.32	98	57974	37.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.04%	
62) 4-Bromofluorobenzene	12.62	95	9364	15.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	31.68%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.15	59	23	Below Cal	#	75
16) Acetone	4.13	43	621	6.308	ug/l #	45
18) Methyl Acetate	4.67	43	375	1.669	ug/l #	50
36) 1,1-Dichloropropene	7.95	75	3155	5.222	ug/l #	50
38) Carbon Tetrachloride	7.95	117	4656	7.550	ug/l #	18
76) 1,2,3-Trichloropropane	12.62	75	4753	104.306	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	4753	224.815	ug/l #	13

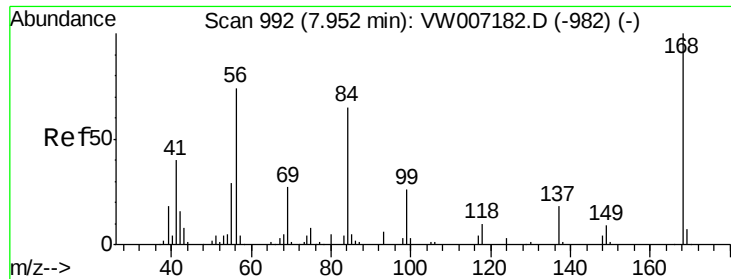
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Acq On : 06 Dec 2018 11:44
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Misc : 4.52G/5ML/MSVOA W/SOIL
ALS Vial : 52 Sample Multiplier: 1

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MSVOA_W
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Quant Time: Dec 06 12:42:03 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
Quant Title : SW846 8260
QLast Update : Wed Dec 05 01:35:23 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: VW007274.D

Acq: 06 Dec 2018 11:44

Instrument :

MSVOA_W

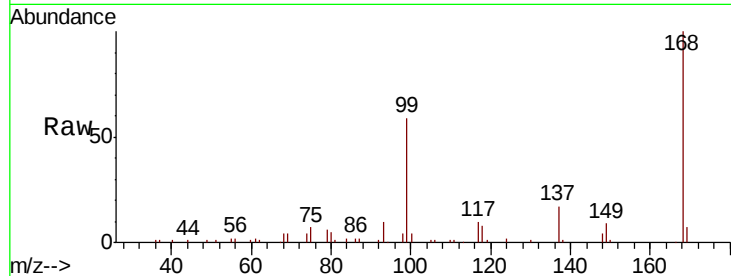
ClientSampled :

Tot Ion:168 Resp: 44662

Ion Ratio Lower Upper

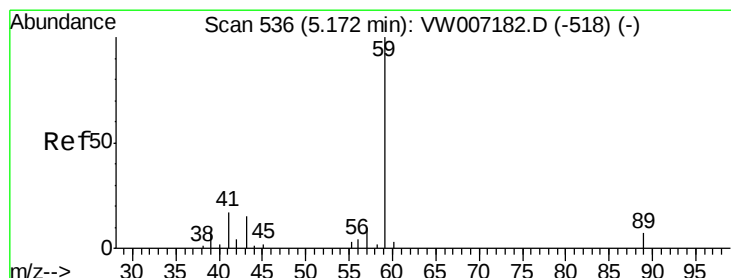
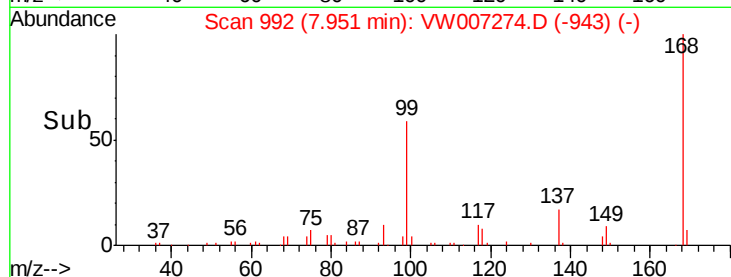
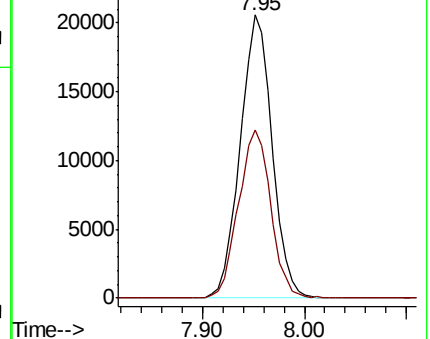
168 100

99 59.3 47.8 71.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.15 min Scan# 532

Delta R.T. -0.02 min

Lab File: VW007274.D

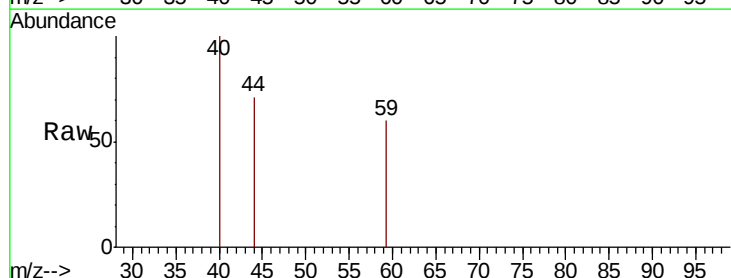
Acq: 06 Dec 2018 11:44

Tgt Ion: 59 Resp: 23

Ion Ratio Lower Upper

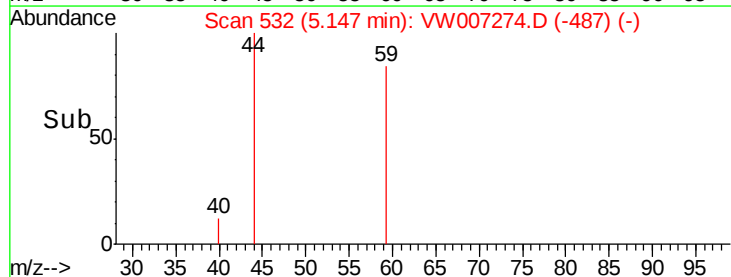
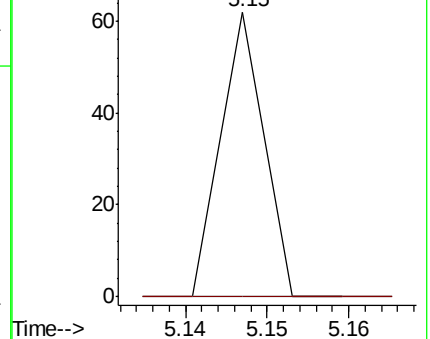
59 100

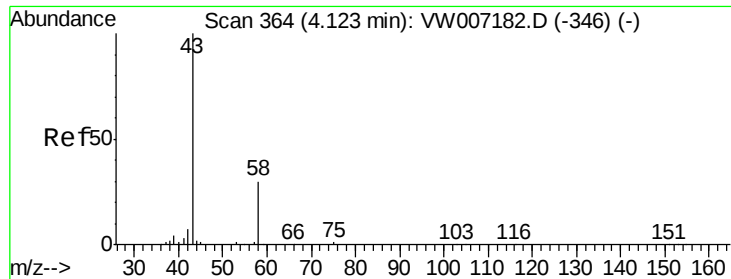
57 0.0 7.1 10.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

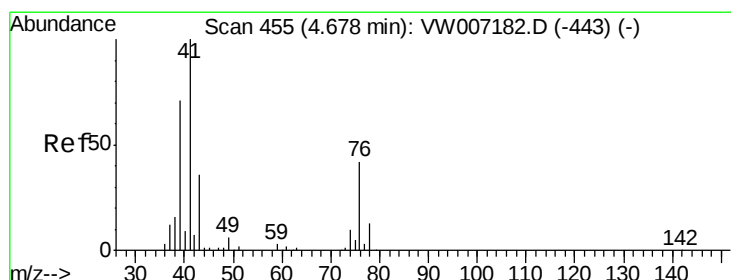
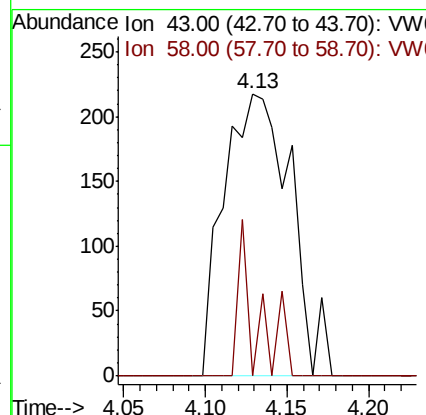
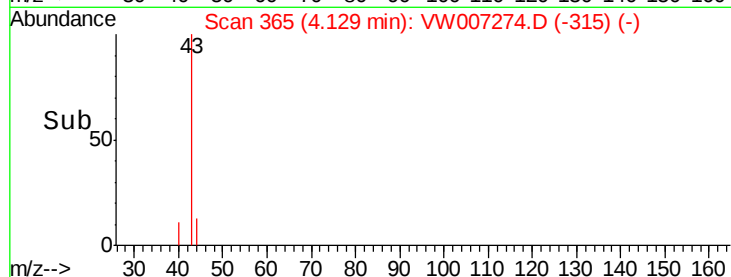
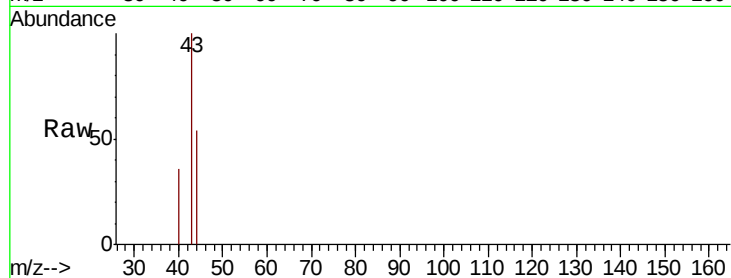




#16
Acetone
Concen: 6.308 ug/l
RT: 4.13 min Scan# 365
Delta R.T. 0.01 min
Lab File: VW007274.D
Acq: 06 Dec 2018 11:44

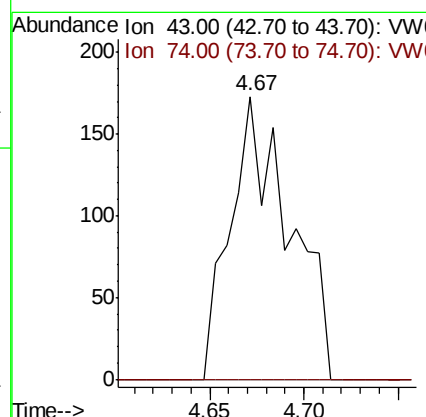
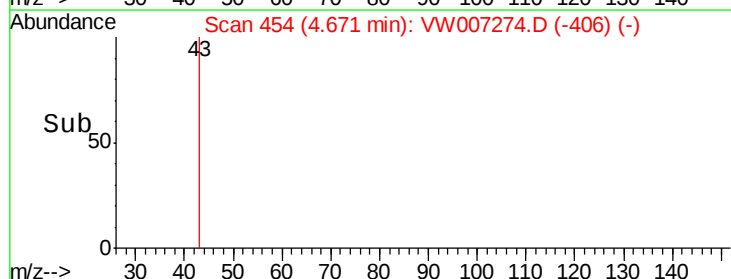
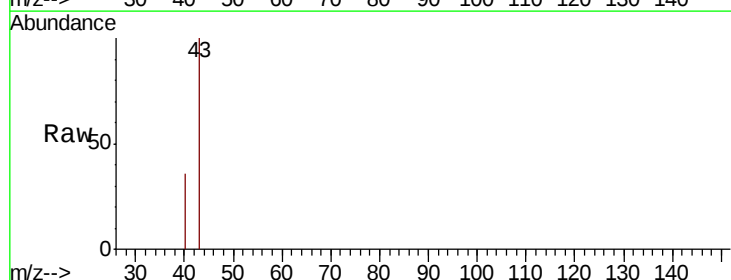
Instrument :
MSVOA_W
ClientSampled :

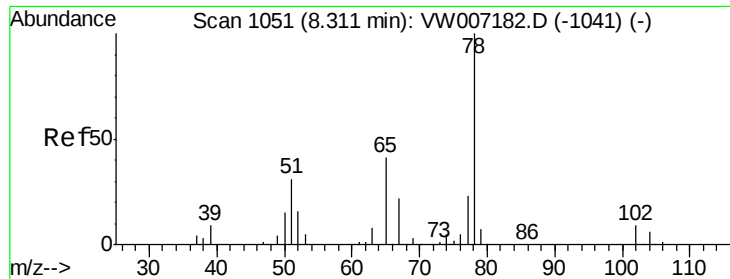
Tot Ion: 43 Resp: 621
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#



#18
Methyl Acetate
Concen: 1.669 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.01 min
Lab File: VW007274.D
Acq: 06 Dec 2018 11:44

Tgt Ion: 43 Resp: 375
Ion Ratio Lower Upper
43 100
74 0.0 20.1 30.1#

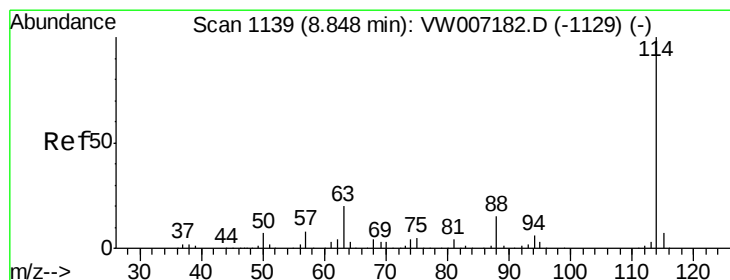
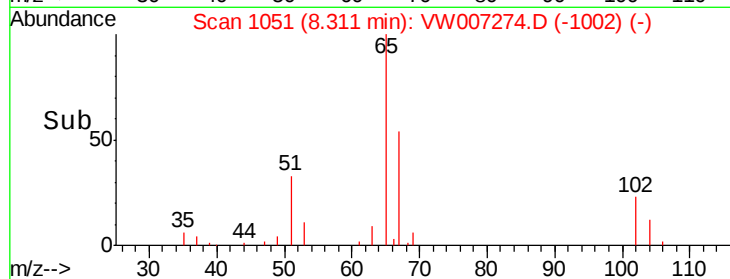
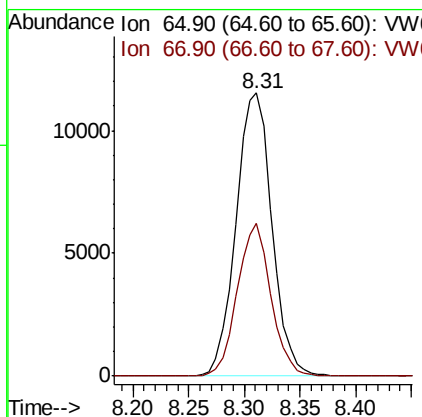
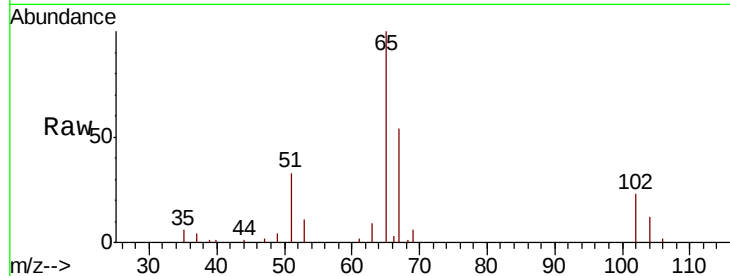




#33
 1,2-Dichloroethane-d4
 Concen: 62.075 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW007274.D
 Acq: 06 Dec 2018 11:44

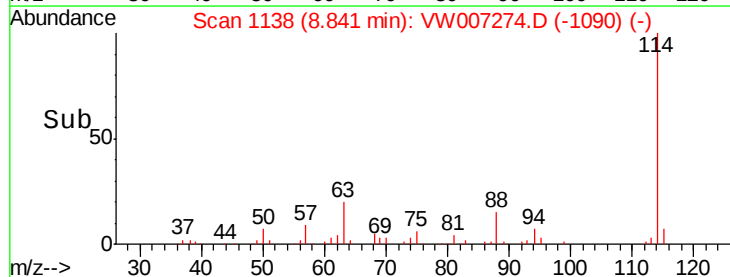
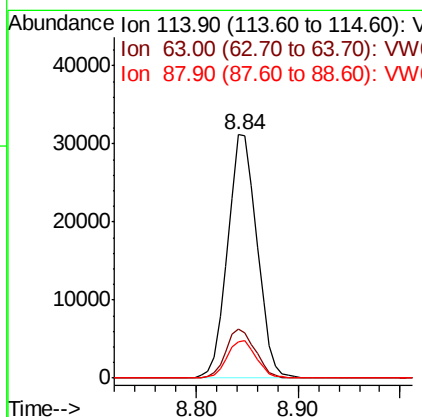
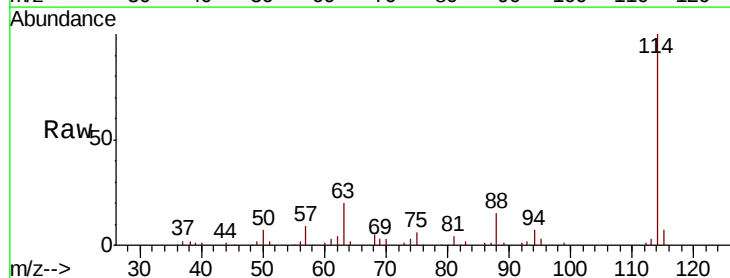
Instrument :
 MSVOA_W
 ClientSampled :

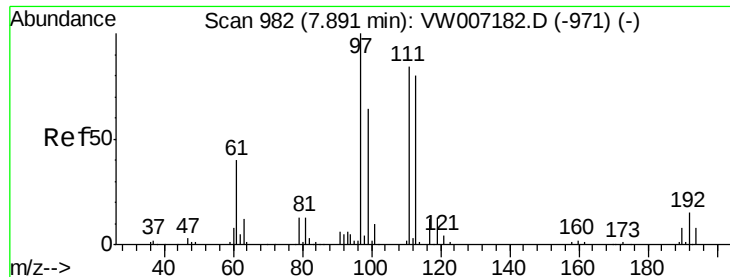
Tot Ion: 65 Resp: 25812
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW007274.D
 Acq: 06 Dec 2018 11:44

Tgt Ion: 114 Resp: 62095
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 40.2
 88 15.0 0.0 30.0





#35

Dibromofluoromethane

Concen: 62.134 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW007274.D

Acq: 06 Dec 2018 11:44

Instrument :
MSVOA_W
ClientSampleId :

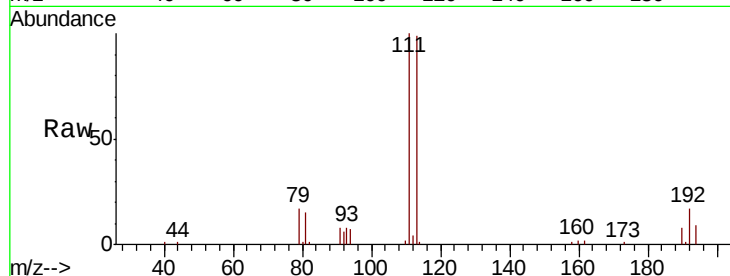
Tot Ion:113 Resp: 22092

Ion Ratio Lower Upper

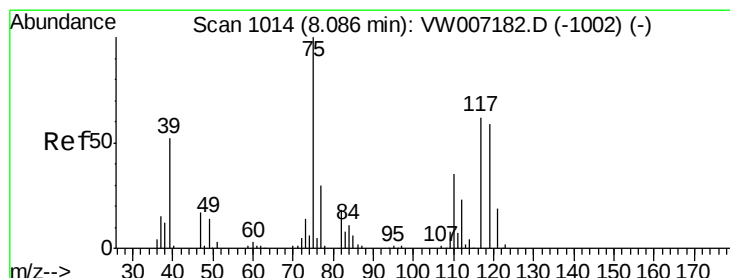
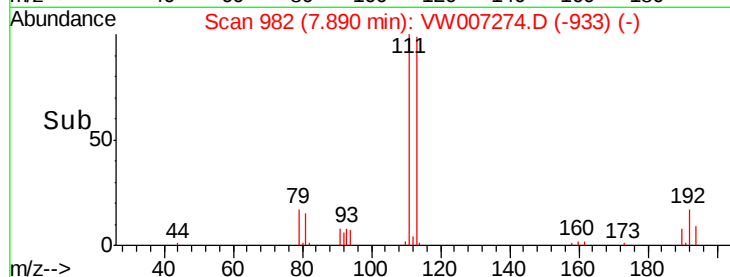
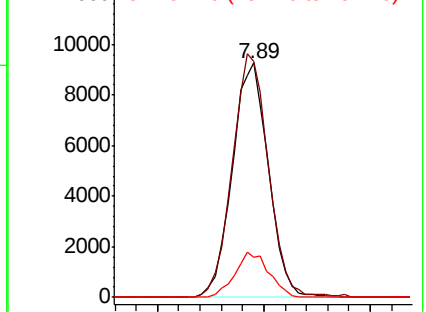
113 100

111 103.6 82.2 123.4

192 18.0 14.4 21.6



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: 5.222 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.14 min

Lab File: VW007274.D

Acq: 06 Dec 2018 11:44

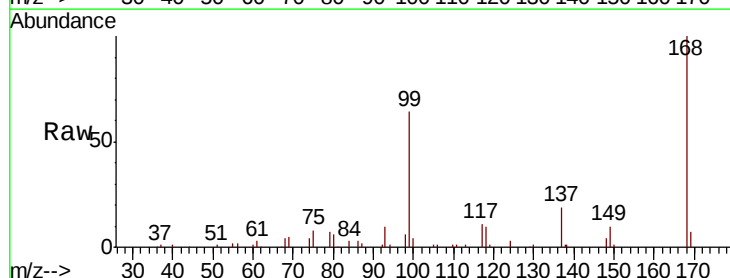
Tgt Ion: 75 Resp: 3155

Ion Ratio Lower Upper

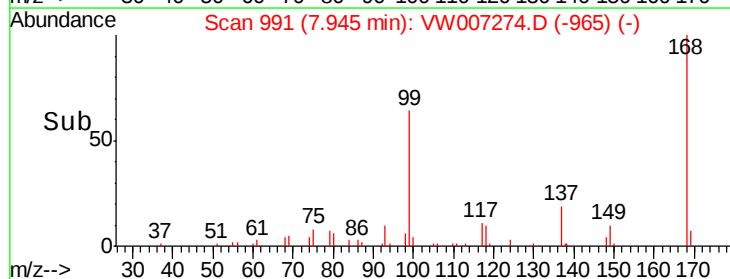
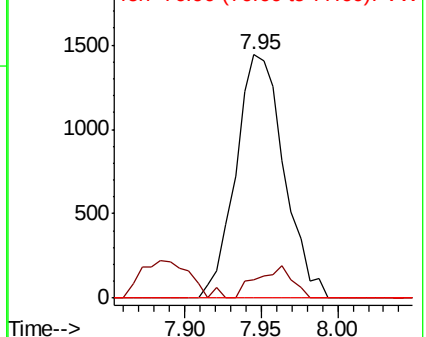
75 100

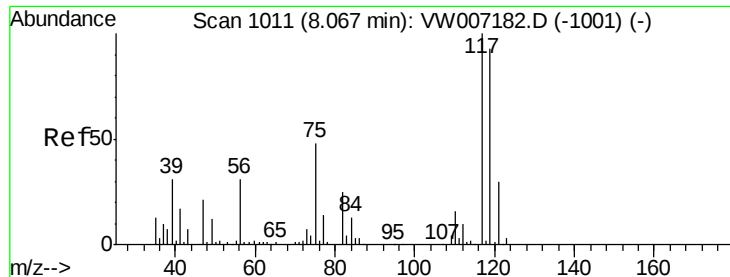
110 9.9 18.3 54.9#

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: 7.550 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW007274.D

Acq: 06 Dec 2018 11:44

Instrument :

MSVOA_W

ClientSampled :

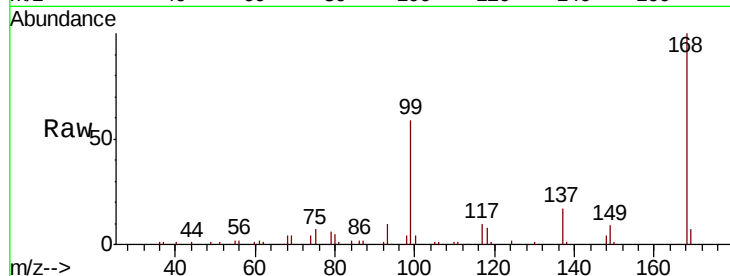
Tot Ion:117 Resp: 4656

Ion Ratio Lower Upper

117 100

119 5.8 74.1 111.1#

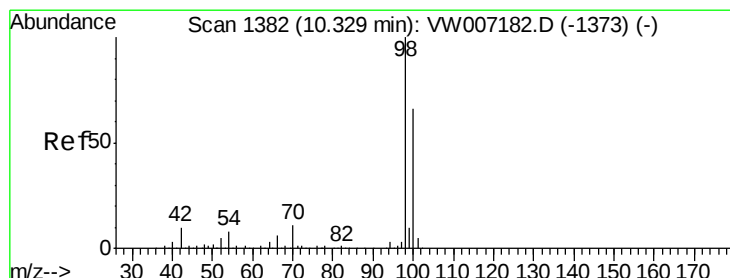
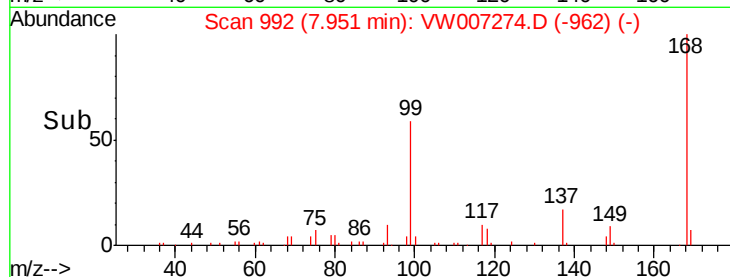
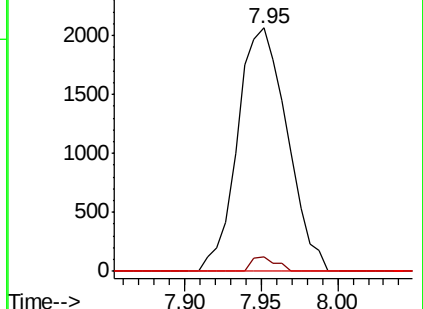
121 0.0 23.9 35.9#



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: 37.015 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW007274.D

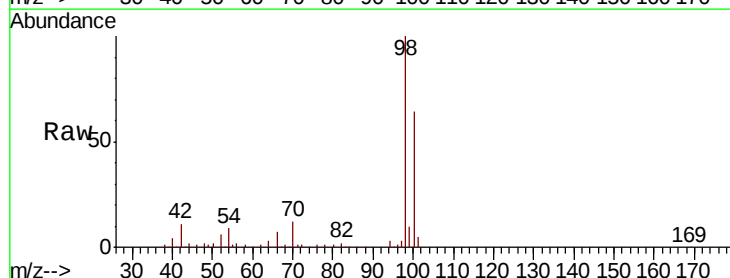
Acq: 06 Dec 2018 11:44

Tgt Ion: 98 Resp: 57974

Ion Ratio Lower Upper

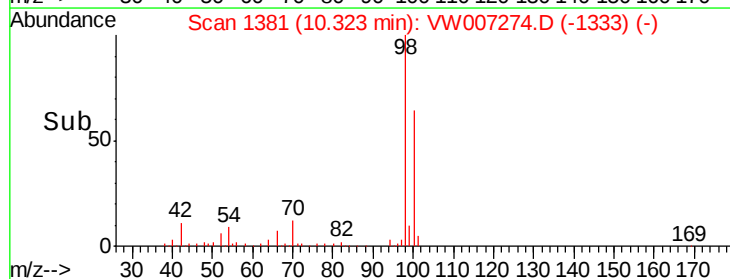
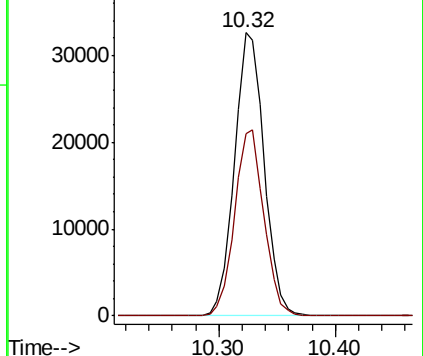
98 100

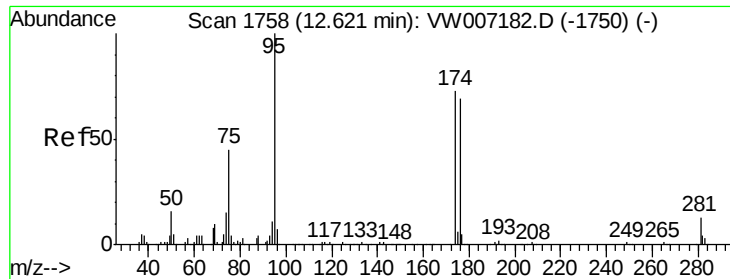
100 64.5 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

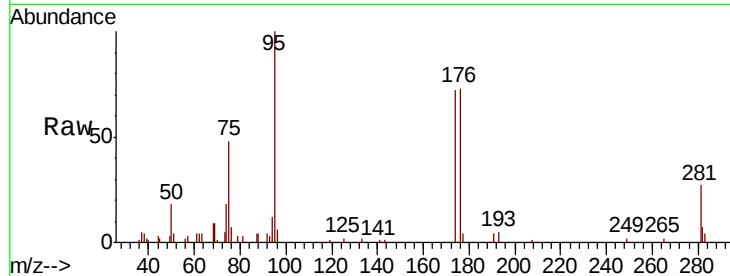




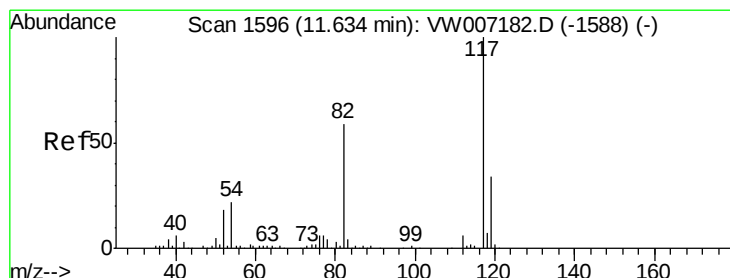
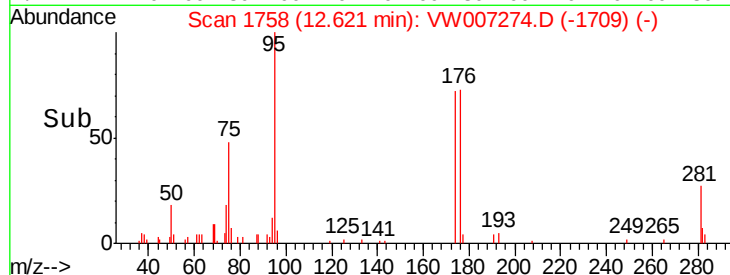
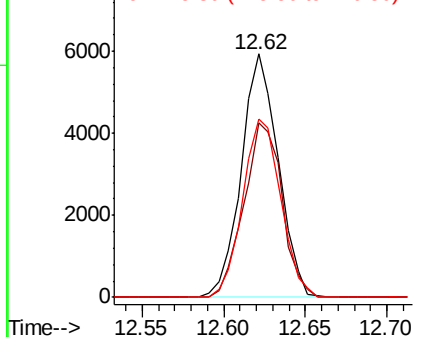
#62
4-Bromofluorobenzene
Concen: 15.840 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007274.D
Acq: 06 Dec 2018 11:44

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 95 Resp: 9364
Ion Ratio Lower Upper
95 100
174 73.8 0.0 148.0
176 75.5 0.0 139.4

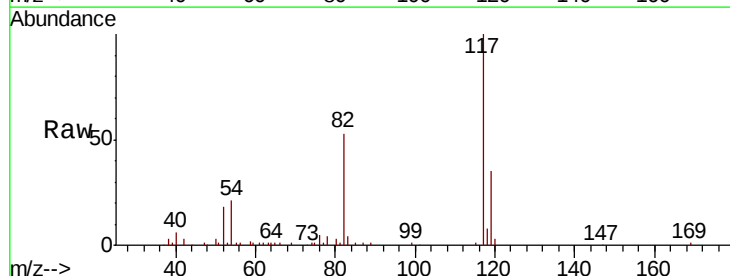


Abundance Ion 94.90 (94.60 to 95.60): VW
Ion 173.80 (173.50 to 174.50): VW
Ion 175.80 (175.50 to 176.50): VW

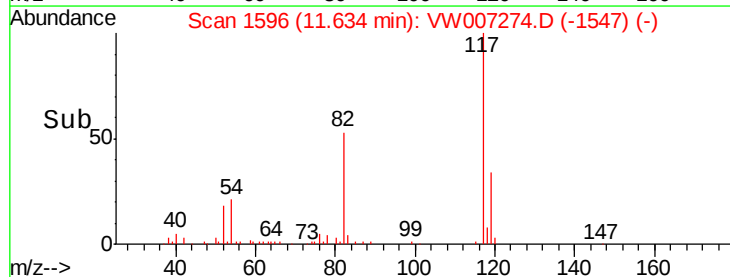
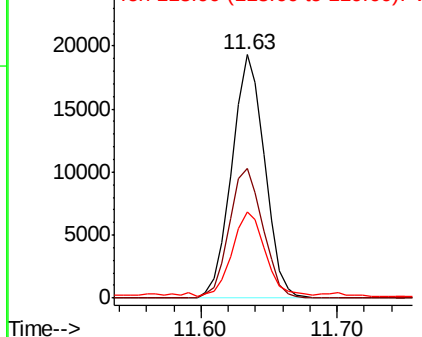


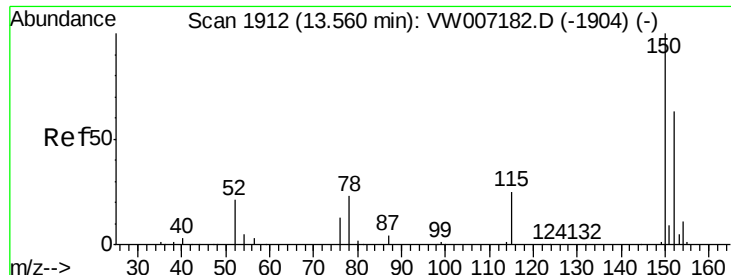
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007274.D
Acq: 06 Dec 2018 11:44

Tgt Ion: 117 Resp: 32489
Ion Ratio Lower Upper
117 100
82 53.2 47.4 71.2
119 33.3 26.8 40.2



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW007274.D

Acq: 06 Dec 2018 11:44

Instrument :

MSVOA_W

ClientSampleId :

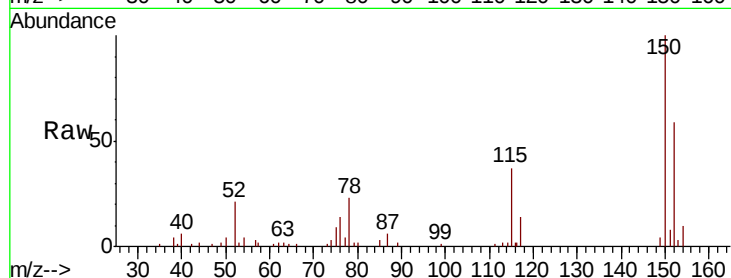
Tot Ion:152 Resp: 5885

Ion Ratio Lower Upper

152 100

115 62.2 31.3 93.8

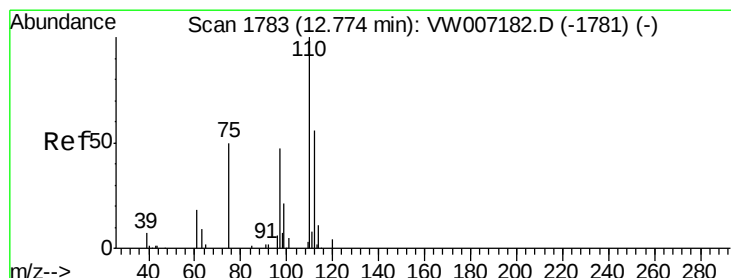
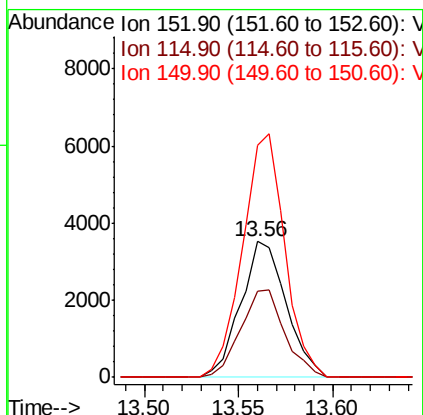
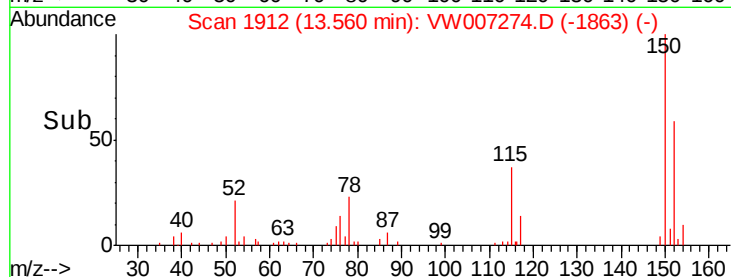
150 165.9 0.0 358.0



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: 104.306 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007274.D

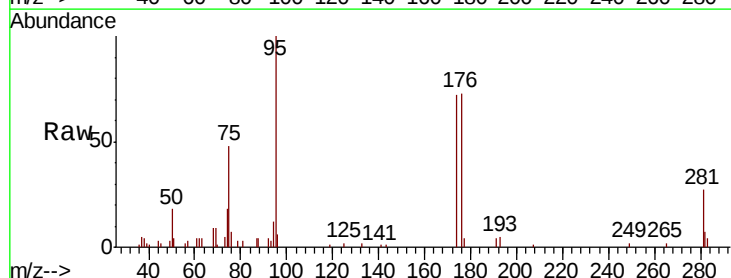
Acq: 06 Dec 2018 11:44

Tgt Ion: 75 Resp: 4753

Ion Ratio Lower Upper

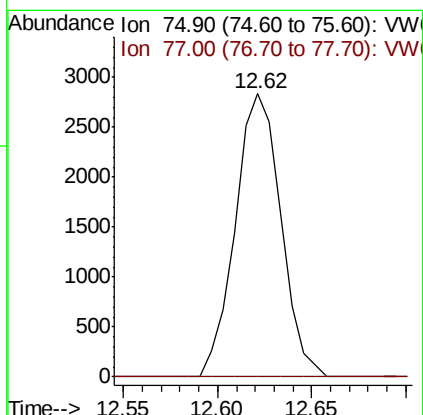
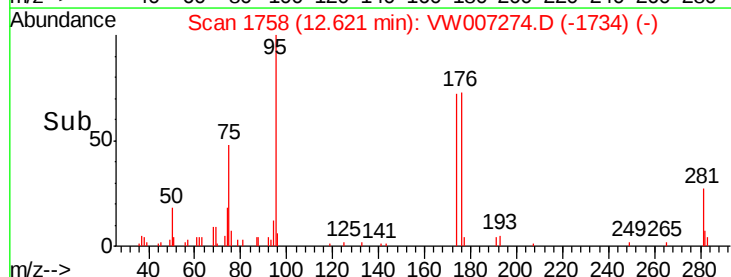
75 100

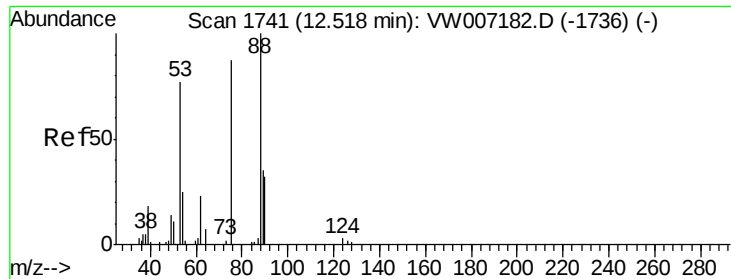
77 0.0 0.0 0.0



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: 224.815 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW007274.D
 Acq: 06 Dec 2018 11:44

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 75 Resp: 4753
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.8 109.2#
 89 0.0 36.4 54.6#

