

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121318\
 Data File : VW007424.D
 Acq On : 12 Dec 2018 05:39
 Operator : SY/AP
 Sample : J6303-02
 Misc : 4.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 NR38-G2-110718

Quant Time: Dec 12 06:24:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	66832	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	112195	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	83982	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	22903	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	35867	48.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.74%	
35) Dibromofluoromethane	7.88	113	29173	42.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.90%	
50) Toluene-d8	10.32	98	99758	39.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.34%	
62) 4-Bromofluorobenzene	12.62	95	27465	29.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	58.66%	

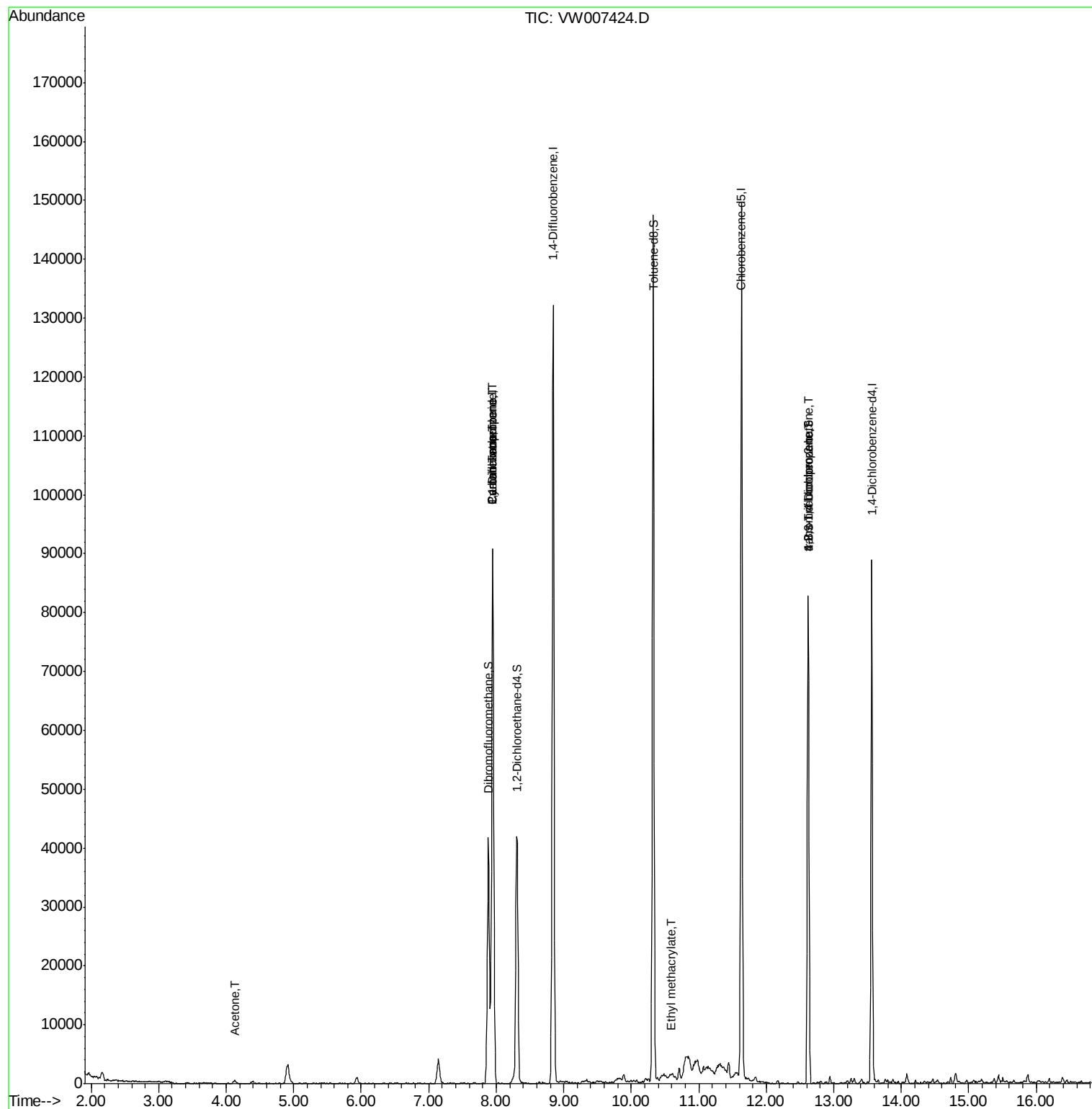
Target Compounds					Qvalue	
16) Acetone	4.12	43	1223	9.443	ug/l	95
31) Cyclohexane	7.95	56	1358	1.179	ug/l #	1
36) 1,1-Dichloropropene	7.94	75	4959	4.845	ug/l #	51
38) Carbon Tetrachloride	7.95	117	7227	6.490	ug/l #	19
56) Ethyl methacrylate	10.59	69	634	1.038	ug/l #	25
76) 1,2,3-Trichloropropane	12.62	75	13765	72.892	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	13765	161.018	ug/l #	7

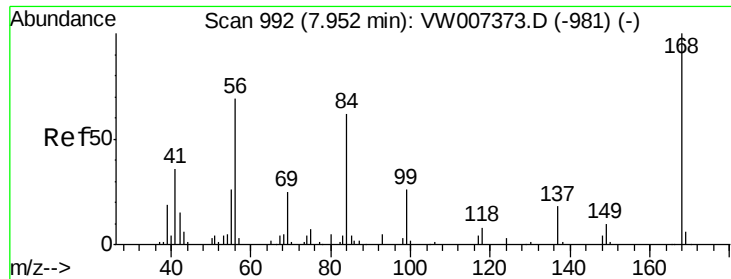
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Dec 11 02:58:16 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: VW007424.D

Acq: 12 Dec 2018 05:39

Instrument :

MSVOA_W

ClientSampleId :

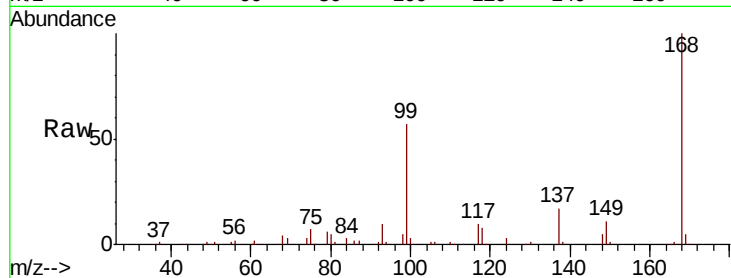
NR38-G2-110718

Tgt Ion: 168 Resp: 66832

Ion Ratio Lower Upper

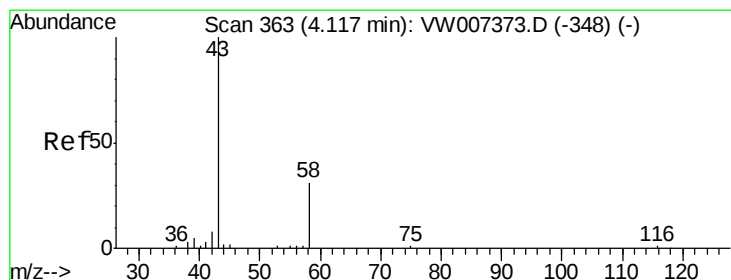
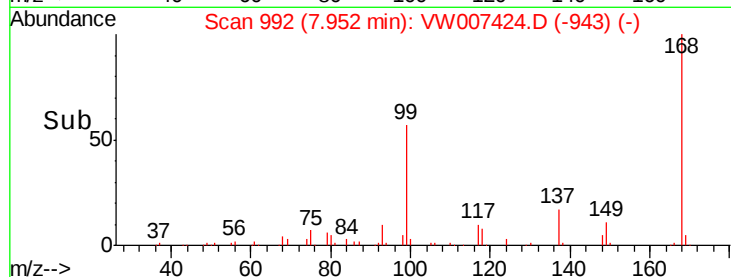
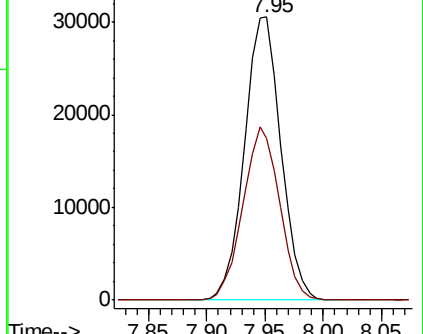
168 100

99 57.3 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 9.443 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007424.D

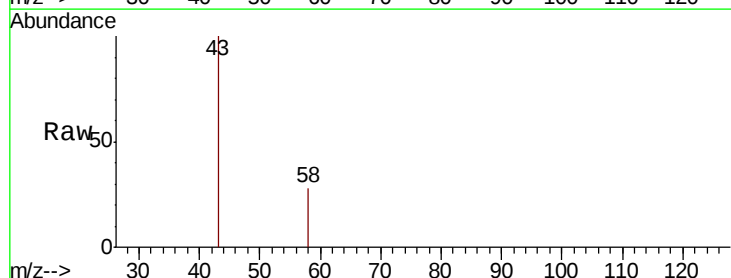
Acq: 12 Dec 2018 05:39

Tgt Ion: 43 Resp: 1223

Ion Ratio Lower Upper

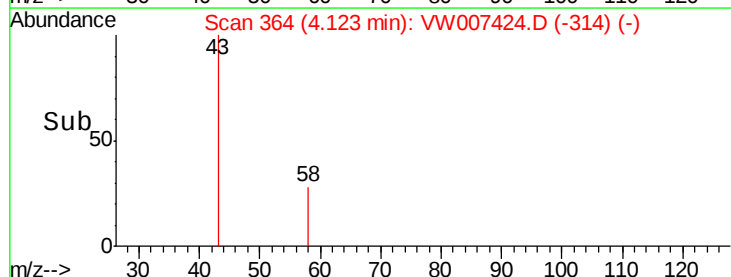
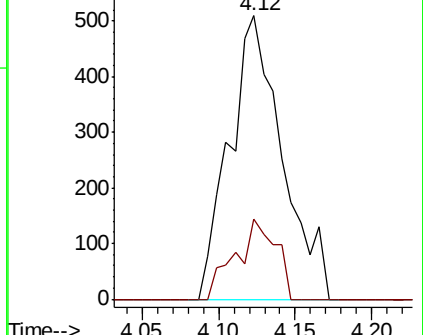
43 100

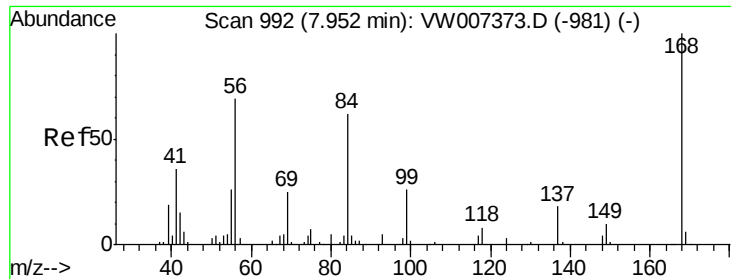
58 28.1 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

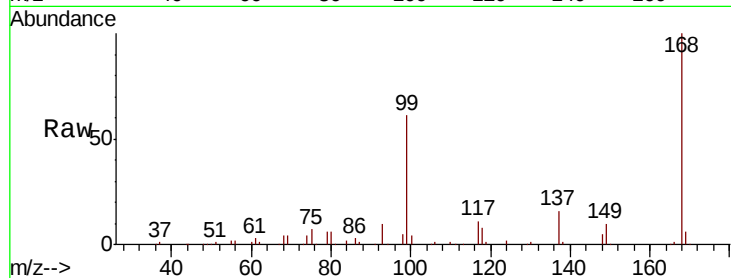




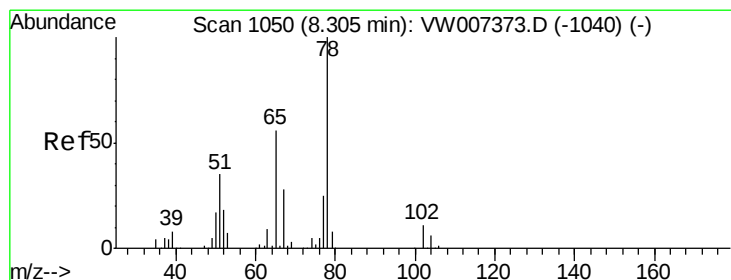
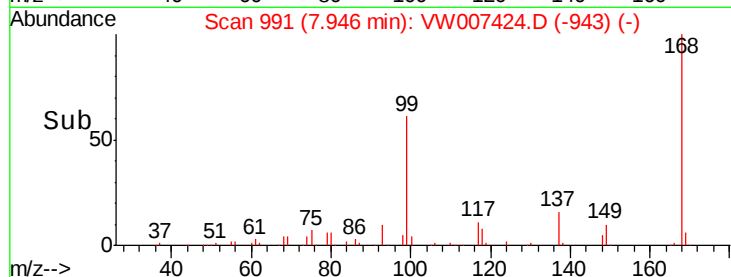
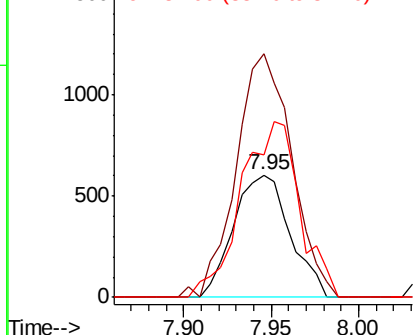
#31
Cyclohexane
Concen: 1.179 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW007424.D
Acq: 12 Dec 2018 05:39

Instrument :
MSVOA_W
ClientSampleId :
NR38-G2-110718

Tgt Ion: 56 Resp: 1358
Ion Ratio Lower Upper
56 100
69 199.0 28.9 43.3#
84 116.2 71.8 107.6#

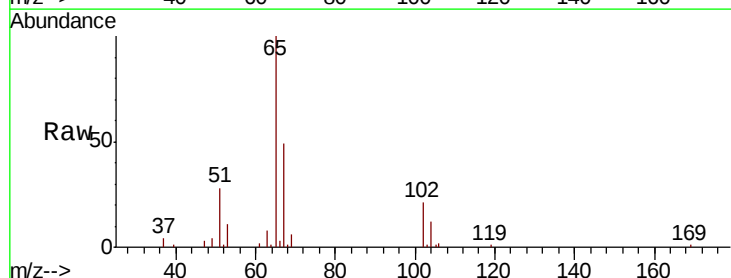


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

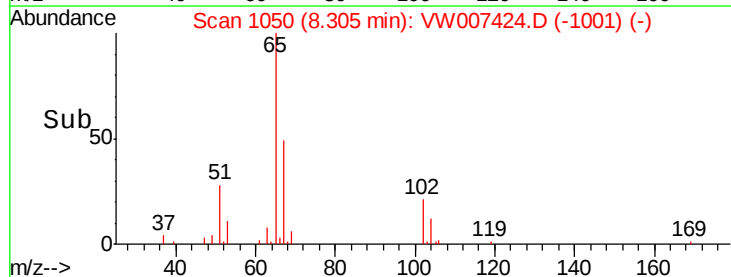
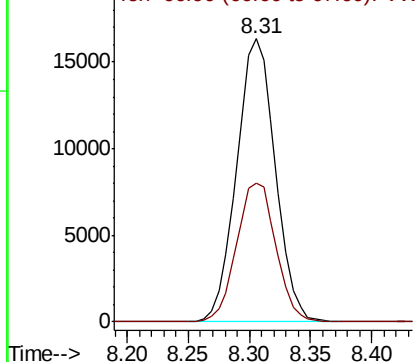


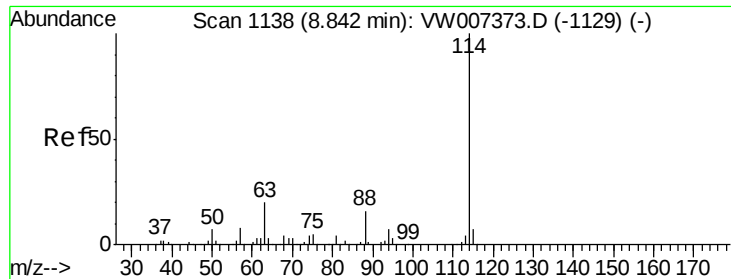
#33
1,2-Dichloroethane-d4
Concen: 48.374 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW007424.D
Acq: 12 Dec 2018 05:39

Tgt Ion: 65 Resp: 35867
Ion Ratio Lower Upper
65 100
67 49.8 0.0 101.6



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

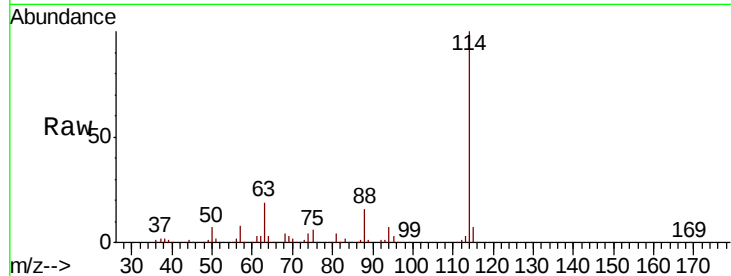




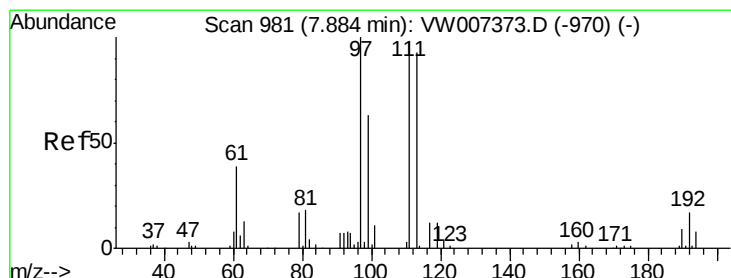
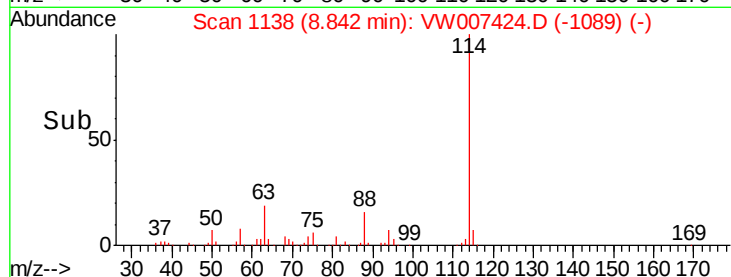
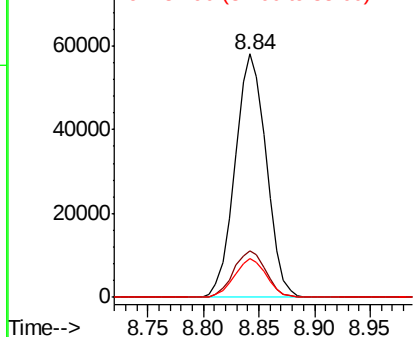
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW007424.D
 Acq: 12 Dec 2018 05:39

Instrument :
 MSVOA_W
 ClientSampleId :
 NR38-G2-110718

Tgt Ion:	114	Resp:	112195
Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	39.6
88	15.8	0.0	31.4

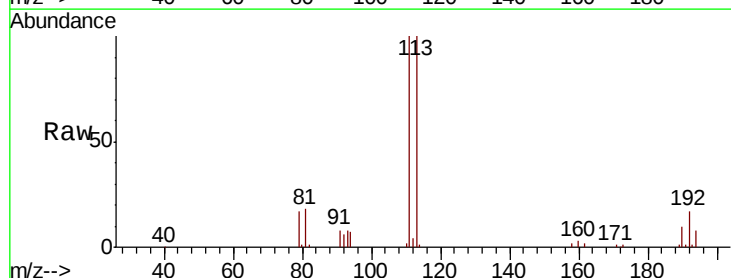


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

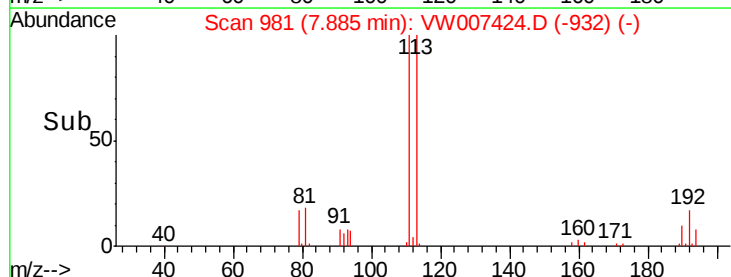
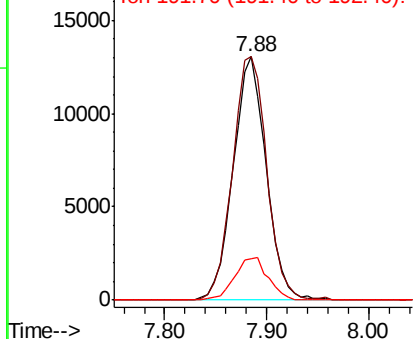


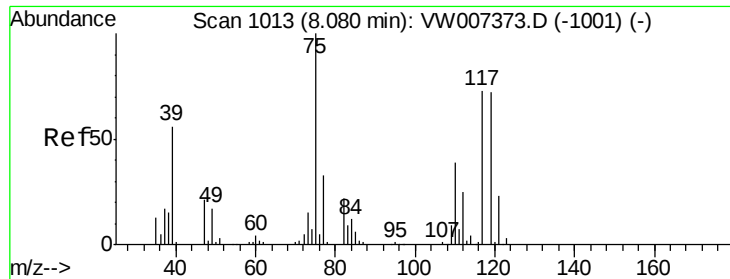
#35
 Dibromofluoromethane
 Concen: 42.954 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW007424.D
 Acq: 12 Dec 2018 05:39

Tgt Ion:	113	Resp:	29173
Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.1	121.7
192	17.7	14.6	21.8



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

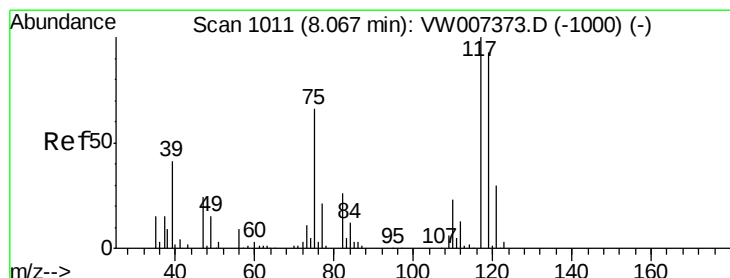
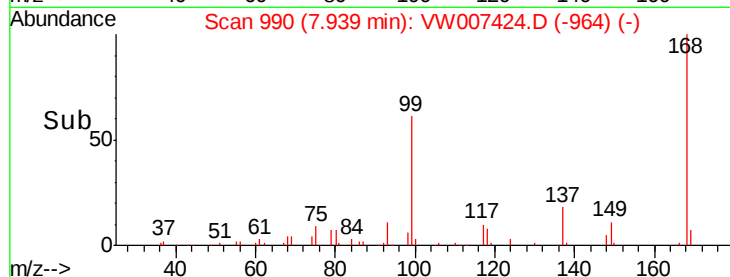
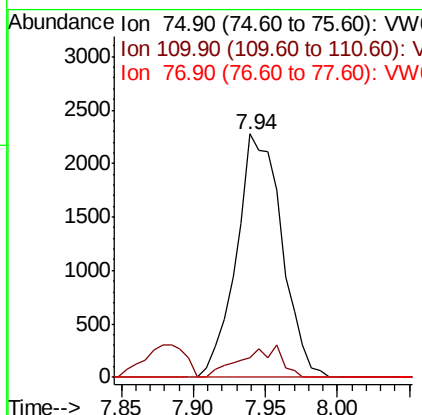
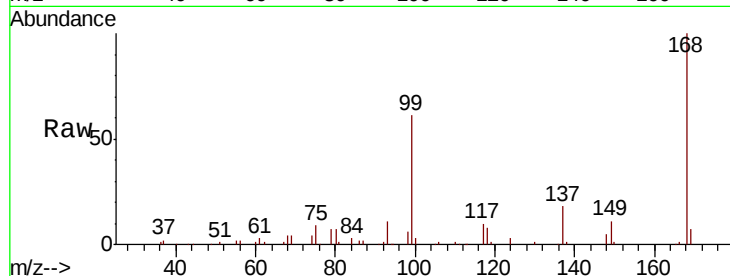




#36
 1,1-Dichloropropene
 Concen: 4.845 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW007424.D
 Acq: 12 Dec 2018 05:39

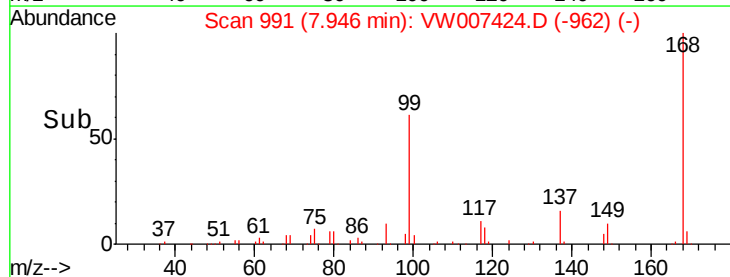
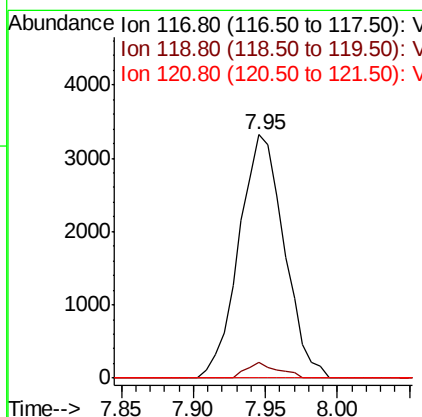
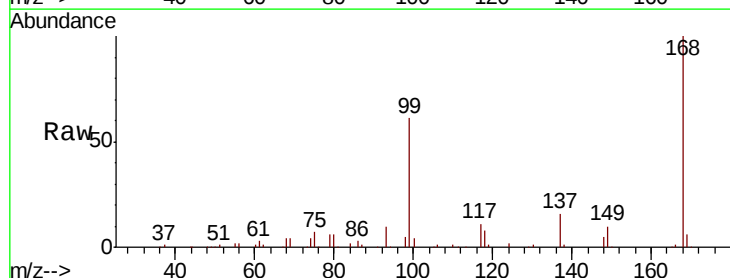
Instrument :
 MSVOA_W
 ClientSampleId :
 NR38-G2-110718

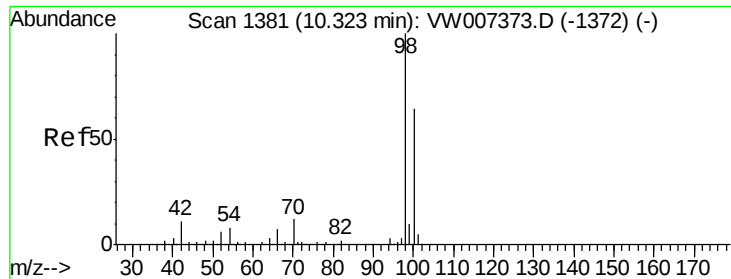
Tgt Ion: 75 Resp: 4959
 Ion Ratio Lower Upper
 75 100
 110 11.7 18.5 55.5#
 77 0.0 25.6 38.4#



#38
 Carbon Tetrachloride
 Concen: 6.490 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW007424.D
 Acq: 12 Dec 2018 05:39

Tgt Ion: 117 Resp: 7227
 Ion Ratio Lower Upper
 117 100
 119 6.7 74.3 111.5#
 121 0.0 24.3 36.5#





#50

Toluene-d8

Concen: 39.175 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW007424.D

Acq: 12 Dec 2018 05:39

Instrument :

MSVOA_W

ClientSampleId :

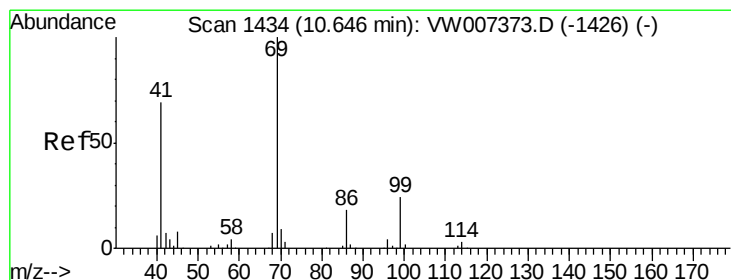
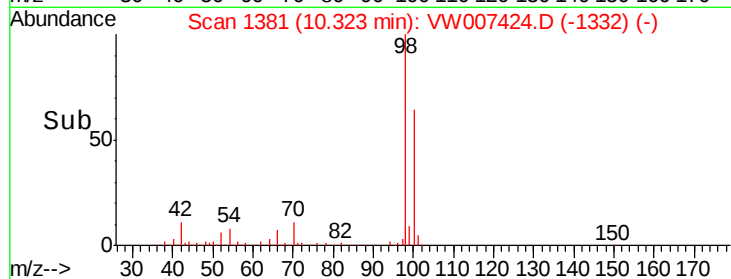
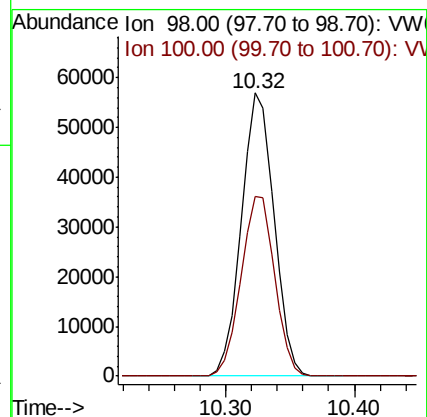
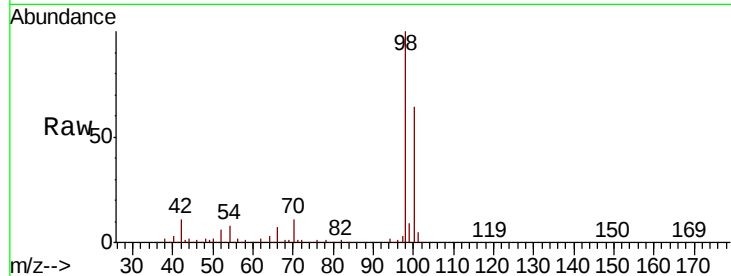
NR38-G2-110718

Tgt Ion: 98 Resp: 99758

Ion Ratio Lower Upper

98 100

100 65.3 51.8 77.8



#56

Ethyl methacrylate

Concen: 1.038 ug/l

RT: 10.59 min Scan# 1424

Delta R.T. -0.06 min

Lab File: VW007424.D

Acq: 12 Dec 2018 05:39

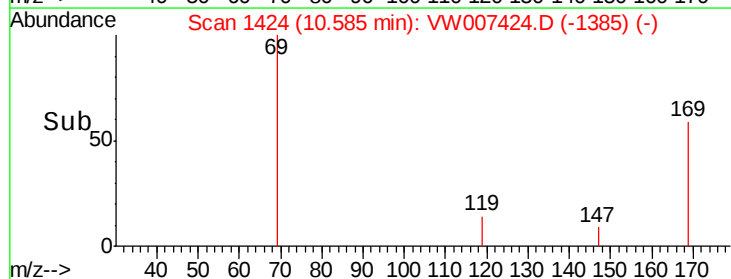
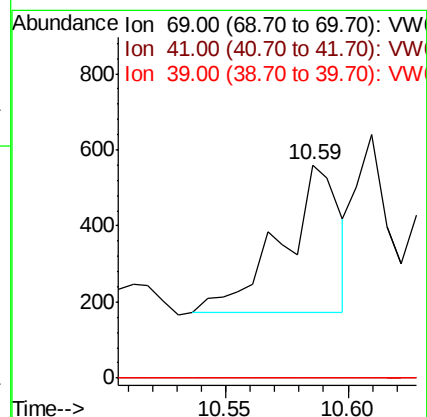
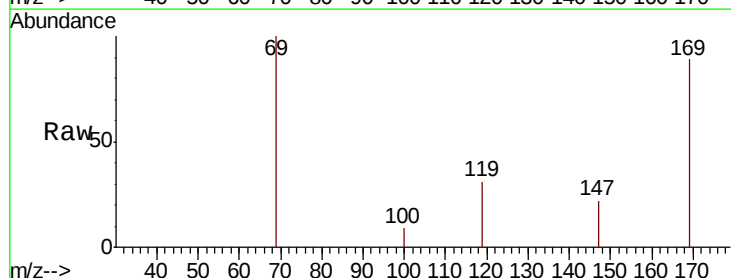
Tgt Ion: 69 Resp: 634

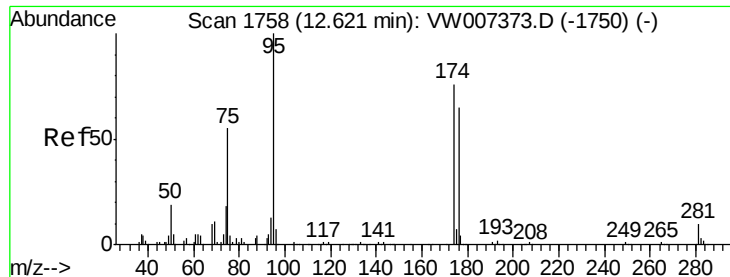
Ion Ratio Lower Upper

69 100

41 0.0 51.0 76.6#

39 0.0 30.8 46.2#

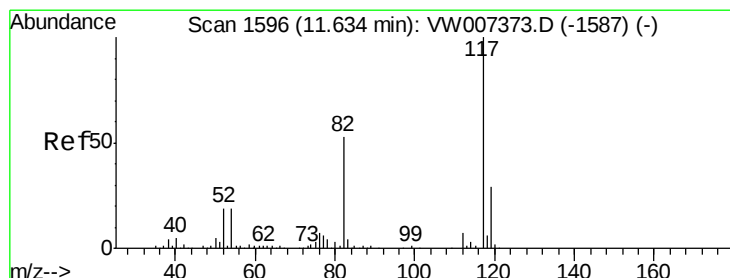
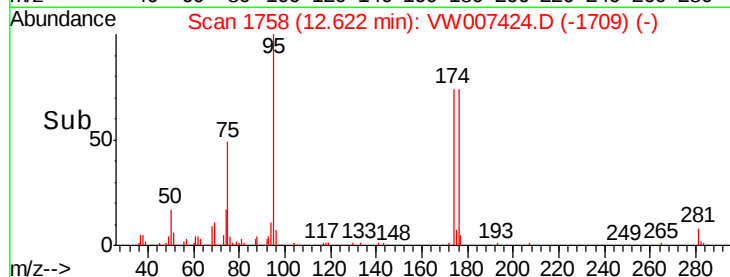
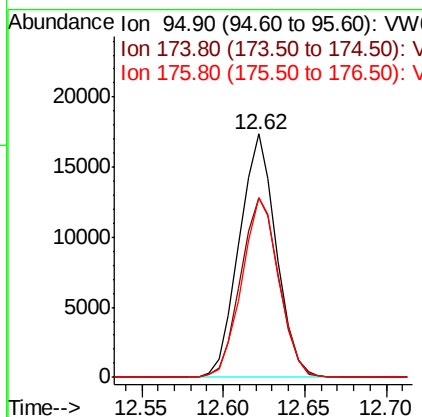
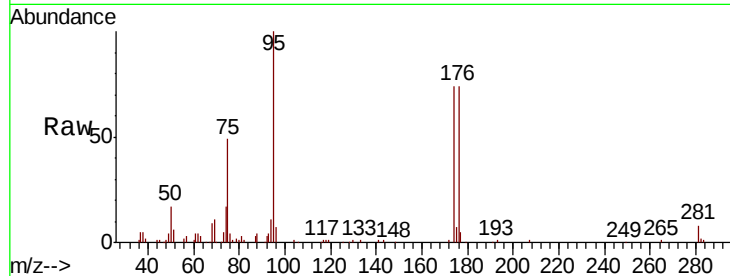




#62
4-Bromofluorobenzene
Concen: 29.334 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW007424.D
Acq: 12 Dec 2018 05:39

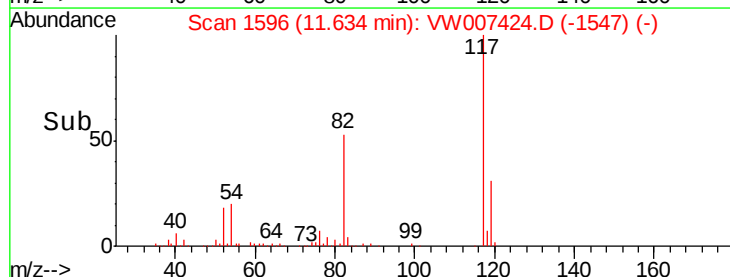
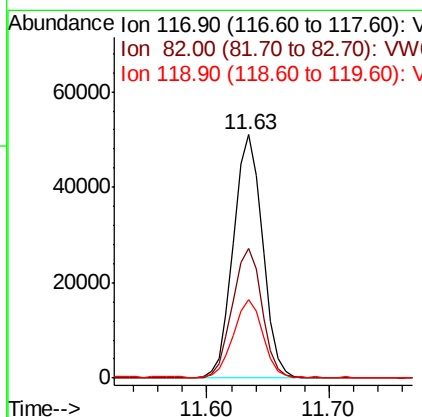
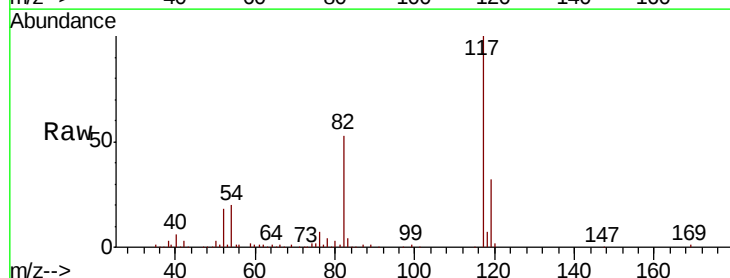
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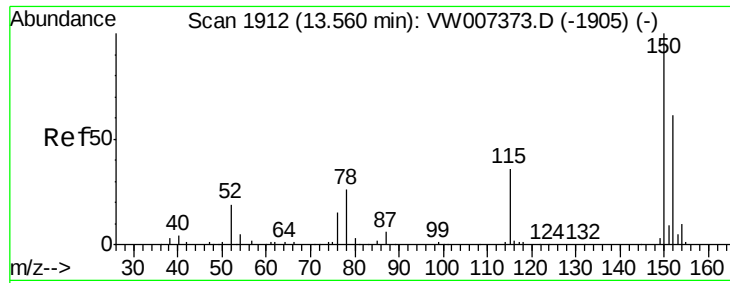
Tgt Ion: 95 Resp: 27465
Ion Ratio Lower Upper
95 100
174 75.8 0.0 147.2
176 73.7 0.0 138.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007424.D
Acq: 12 Dec 2018 05:39

Tgt Ion: 117 Resp: 83982
Ion Ratio Lower Upper
117 100
82 53.3 42.3 63.5
119 32.0 23.0 34.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW007424.D

Acq: 12 Dec 2018 05:39

Instrument :

MSVOA_W

ClientSampleId :

NR38-G2-110718

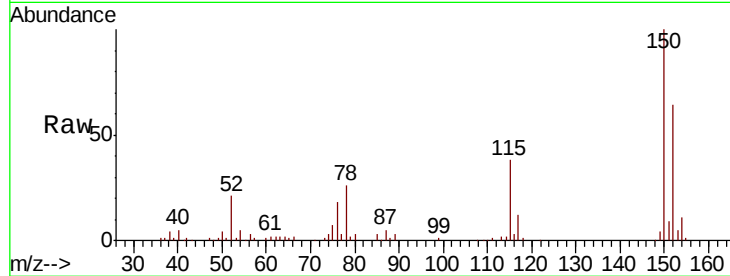
Tgt Ion: 152 Resp: 22903

Ion Ratio Lower Upper

152 100

115 62.2 31.4 94.2

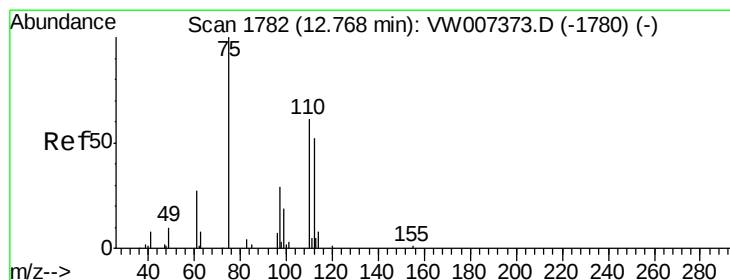
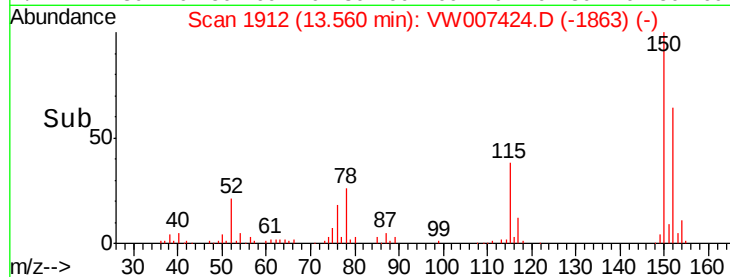
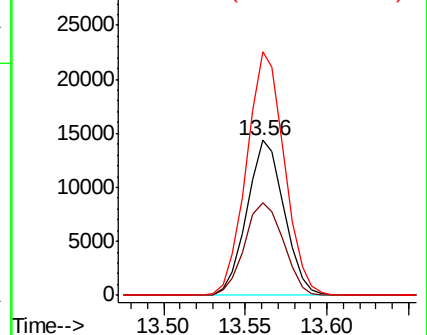
150 158.8 0.0 358.4



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: 72.892 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007424.D

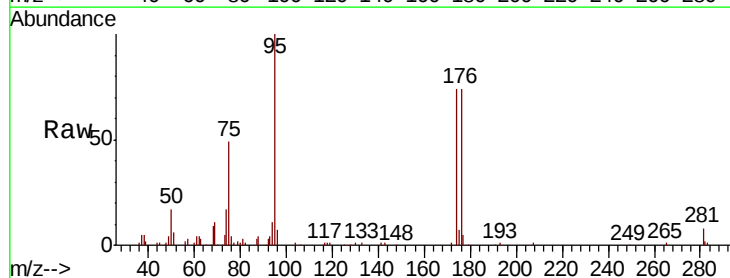
Acq: 12 Dec 2018 05:39

Tgt Ion: 75 Resp: 13765

Ion Ratio Lower Upper

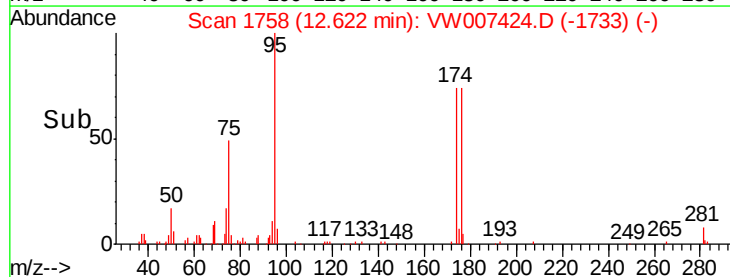
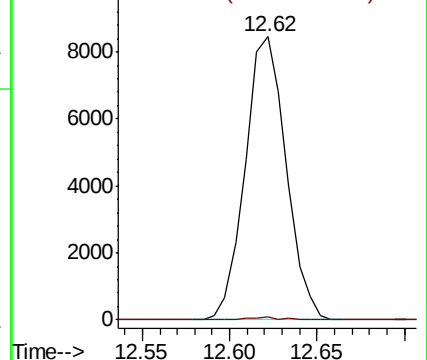
75 100

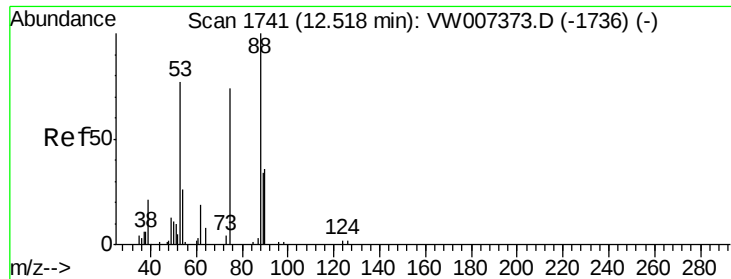
77 0.8 166.9 500.8#



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: 161.018 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007424.D

Acq: 12 Dec 2018 05:39

Instrument :

MSVOA_W

ClientSampleId :

NR38-G2-110718

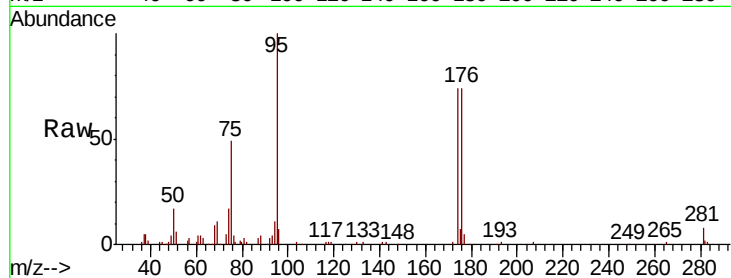
Tgt Ion: 75 Resp: 13765

Ion Ratio Lower Upper

75 100

53 0.0 84.9 127.3#

89 0.0 40.3 60.5#



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

