

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121718\
 Data File : VW007529.D
 Acq On : 14 Dec 2018 12:32
 Operator : SY/AP
 Sample : J6322-12
 Misc : 7.11G/5ML/MSVOA W/SOIL
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-2A-G-4-120718

Quant Time: Dec 14 13:45:42 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	72764	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	125423	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	95599	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	31722	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	36066	44.68	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	89.36%	
35) Dibromofluoromethane	7.88	113	33251	43.80	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	87.60%	
50) Toluene-d8	10.32	98	94450	33.18	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	66.36%	
62) 4-Bromofluorobenzene	12.62	95	31000	29.62	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	59.24%	

Target Compounds

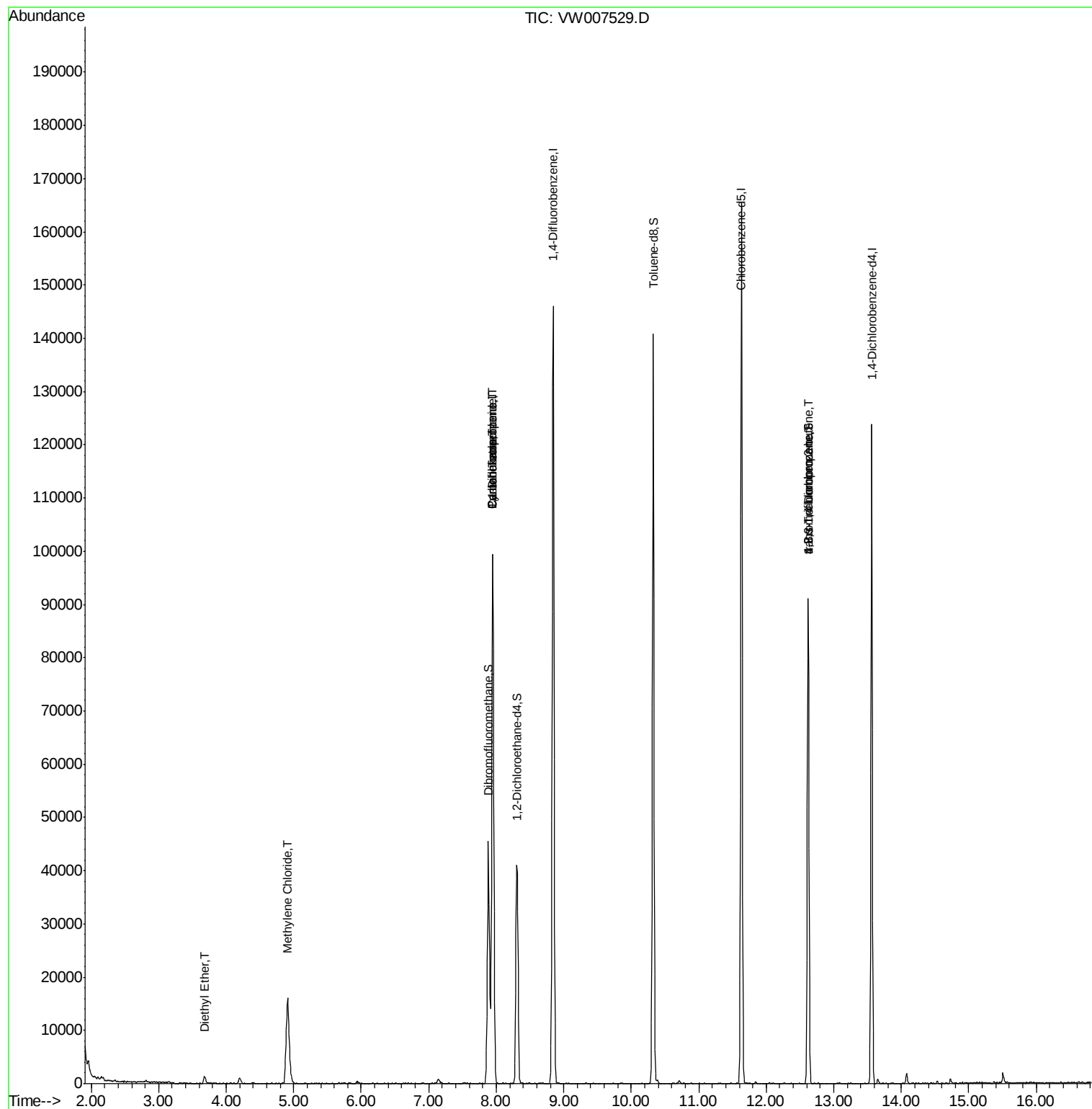
					Qvalue	
8) Diethyl Ether	3.68	74	793	2.255	ug/l #	53
20) Methylene Chloride	4.91	84	13165	14.274	ug/l	99
31) Cyclohexane	7.95	56	1465	1.168	ug/l #	29
36) 1,1-Dichloropropene	7.95	75	5950	5.200	ug/l #	48
38) Carbon Tetrachloride	7.95	117	7776	6.246	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	15965	61.038	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	15965	134.834	ug/l #	7

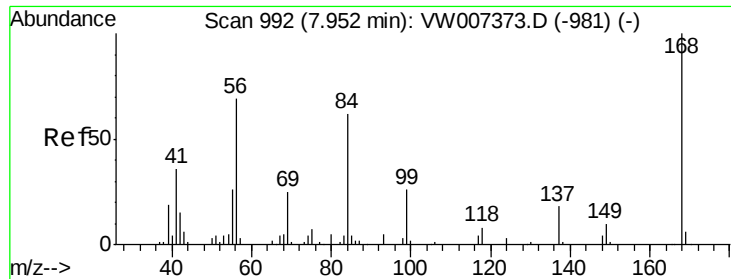
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW121718\
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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: VW007529.D

Acq: 14 Dec 2018 12:32

Instrument :

MSVOA_W

ClientSampleId :

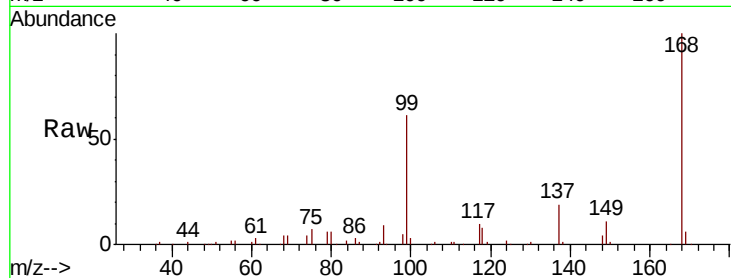
SUP-2A-G-4-120718

Tot Ion:168 Resp: 72764

Ion Ratio Lower Upper

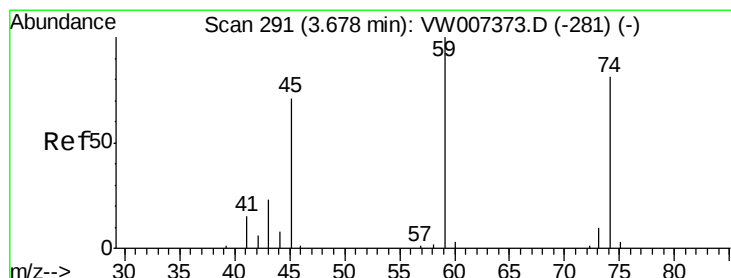
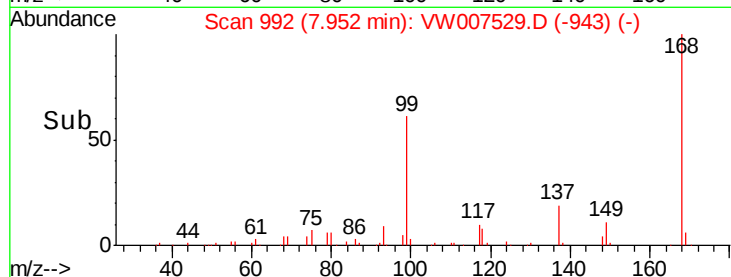
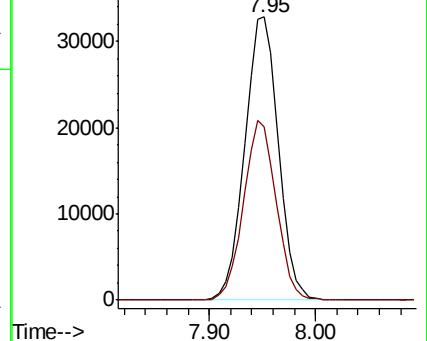
168 100

99 61.1 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 2.255 ug/l

RT: 3.68 min Scan# 292

Delta R.T. 0.01 min

Lab File: VW007529.D

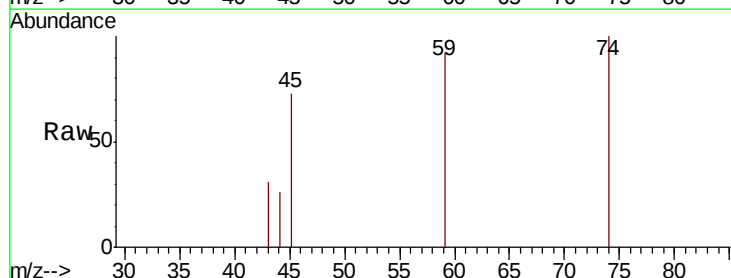
Acq: 14 Dec 2018 12:32

Tgt Ion: 74 Resp: 793

Ion Ratio Lower Upper

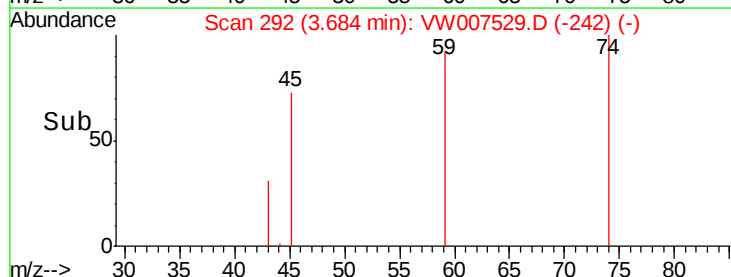
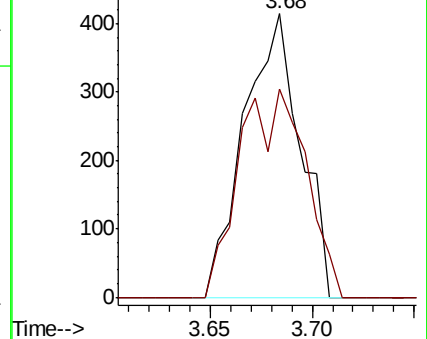
74 100

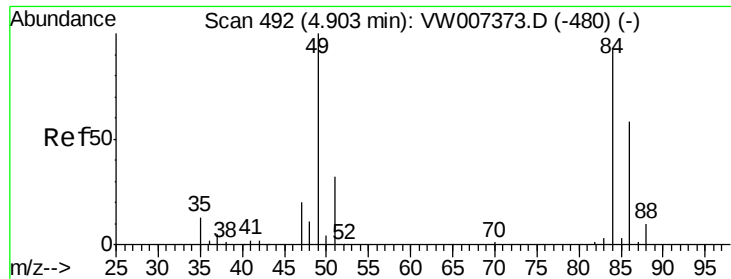
45 42.9 43.0 129.0#



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

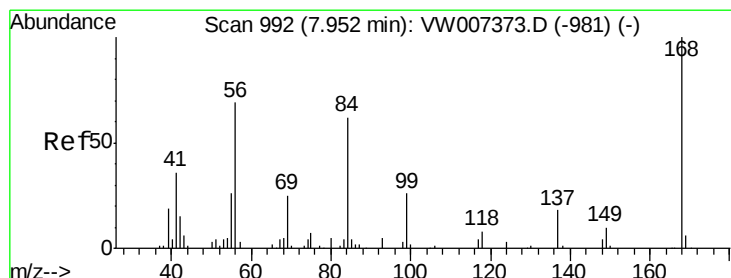
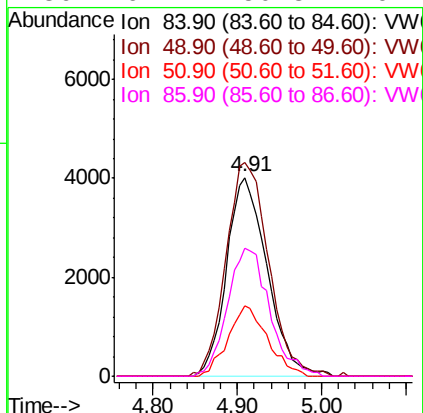
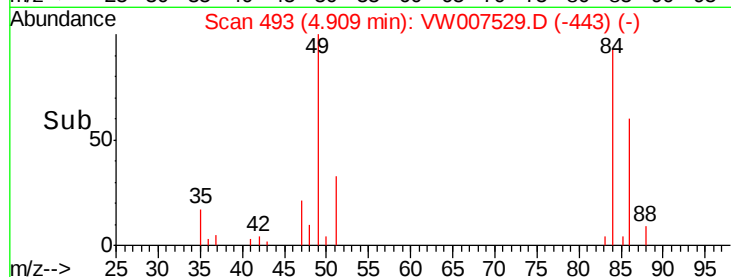
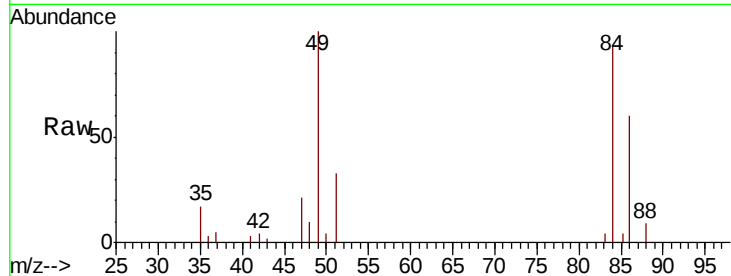




#20
Methvlene Chloride
Concen: 14.274 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.01 min
Lab File: VW007529.D
Acq: 14 Dec 2018 12:32

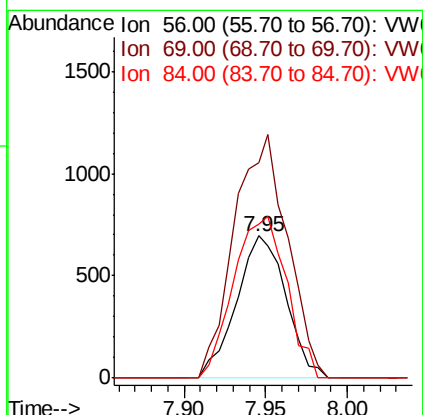
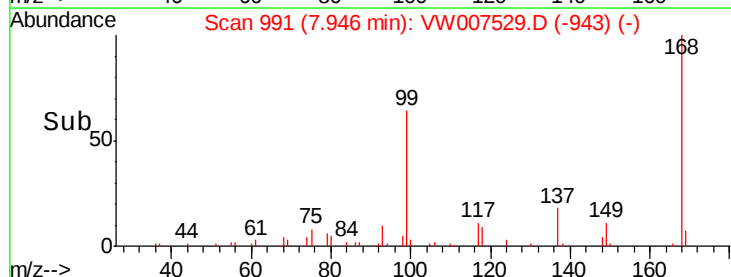
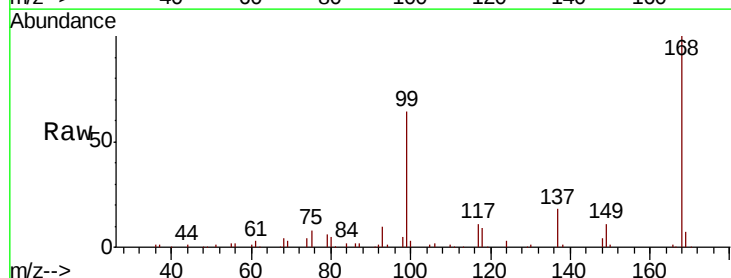
Instrument :
MSVOA_W
ClientSampleId :
SUP-2A-G-4-120718

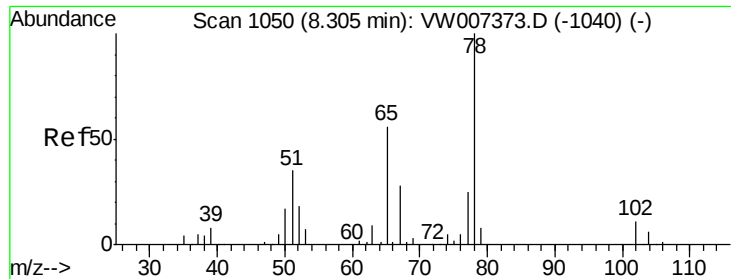
Tot Ion:	84	Resp:	13165
Ion	Ratio	Lower	Upper
84	100		
49	107.5	87.1	130.7
51	35.7	28.2	42.2
86	64.4	50.8	76.2



#31
Cyclohexane
Concen: 1.168 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW007529.D
Acq: 14 Dec 2018 12:32

Tgt Ion:	56	Resp:	1465
Ion	Ratio	Lower	Upper
56	100		
69	151.6	28.9	43.3#
84	108.8	71.8	107.6#

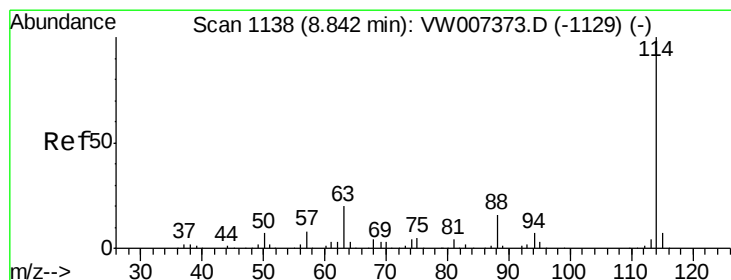
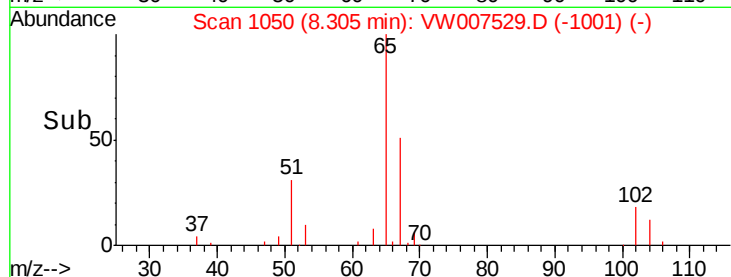
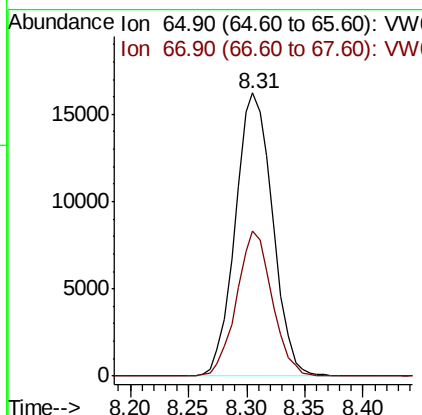
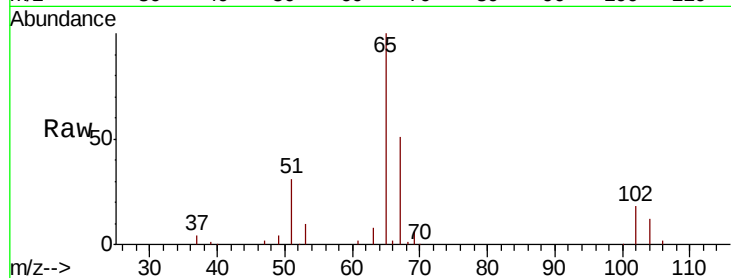




#33
 1,2-Dichloroethane-d4
 Concen: 44.677 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW007529.D
 Acq: 14 Dec 2018 12:32

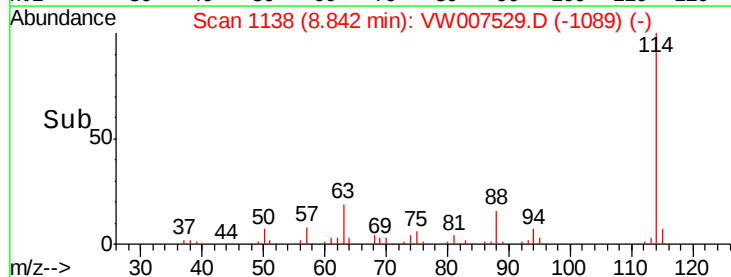
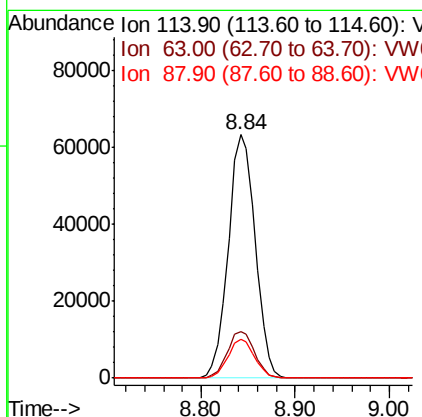
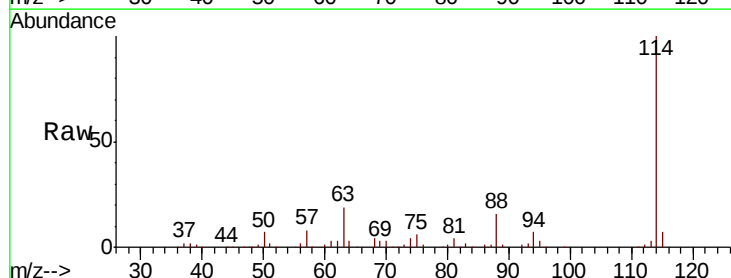
Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-2A-G-4-120718

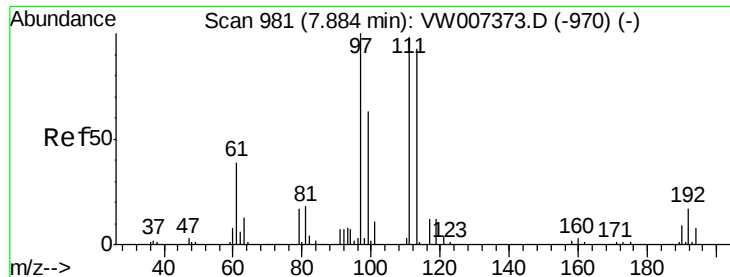
Tot Ion: 65 Resp: 36066
 Ion Ratio Lower Upper
 65 100
 67 48.9 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW007529.D
 Acq: 14 Dec 2018 12:32

Tgt Ion: 114 Resp: 125423
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 39.6
 88 16.2 0.0 31.4

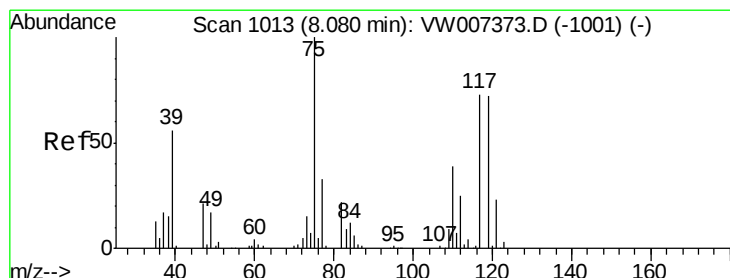
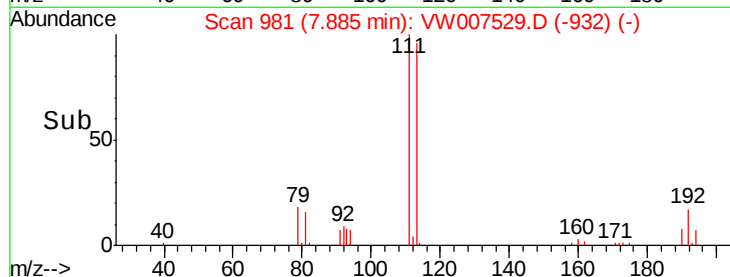
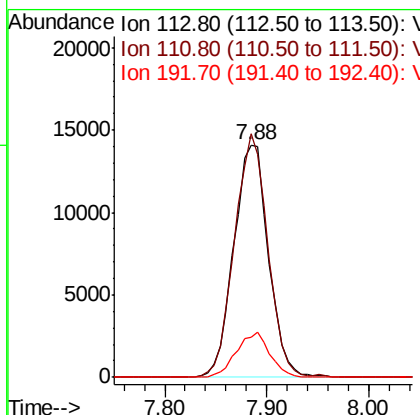
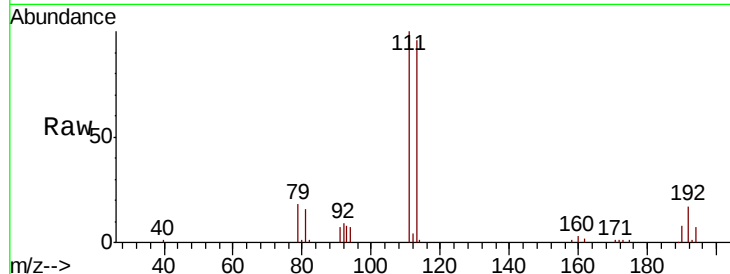




#35
 Dibromofluoromethane
 Concen: 43.795 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW007529.D
 Acq: 14 Dec 2018 12:32

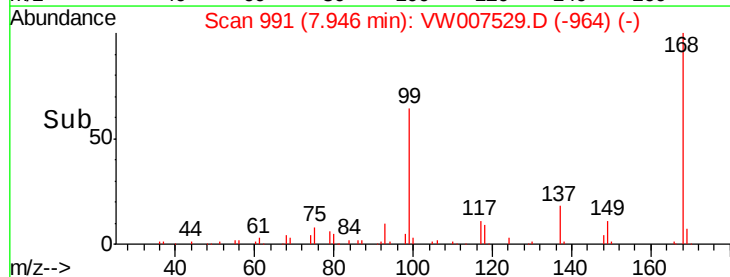
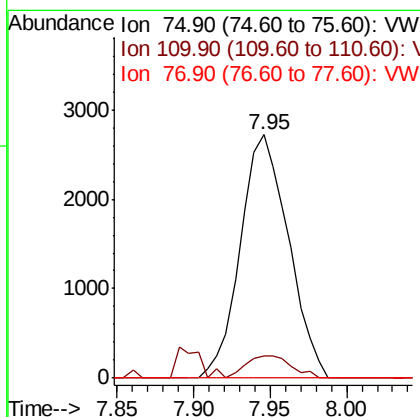
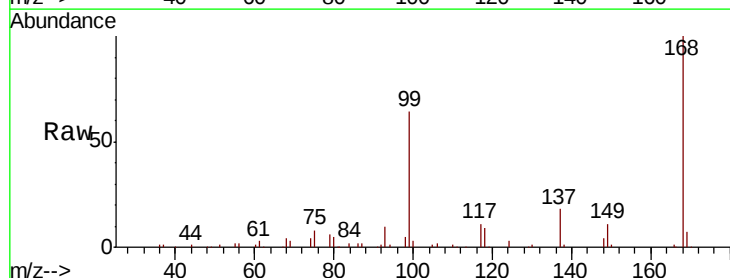
Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-2A-G-4-120718

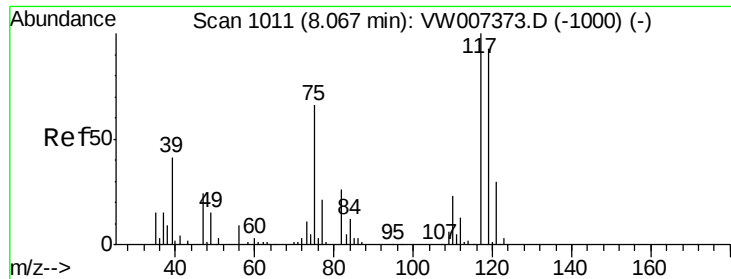
Tot Ion:113 Resp: 33251
 Ion Ratio Lower Upper
 113 100
 111 100.9 81.1 121.7
 192 18.5 14.6 21.8



#36
 1,1-Dichloropropene
 Concen: 5.200 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW007529.D
 Acq: 14 Dec 2018 12:32

Tgt Ion: 75 Resp: 5950
 Ion Ratio Lower Upper
 75 100
 110 8.6 18.5 55.5#
 77 0.0 25.6 38.4#

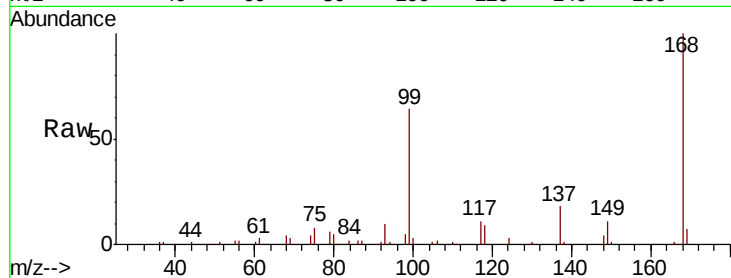




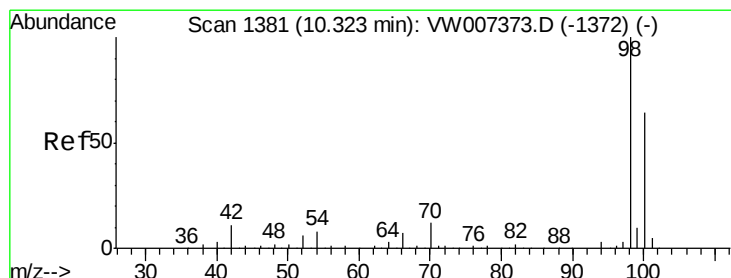
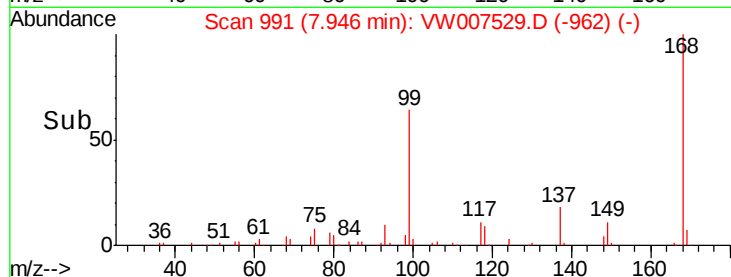
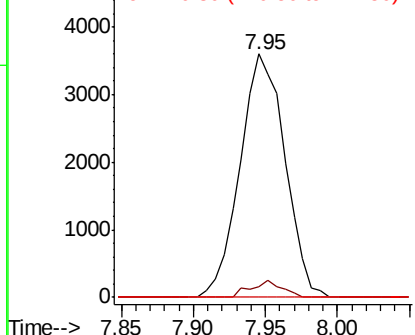
#38
Carbon Tetrachloride
Concen: 6.246 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW007529.D
Acq: 14 Dec 2018 12:32

Instrument :
MSVOA_W
ClientSampleId :
SUP-2A-G-4-120718

Tot Ion:117 Resp: 7776
Ion Ratio Lower Upper
117 100
119 4.5 74.3 111.5#
121 0.0 24.3 36.5#

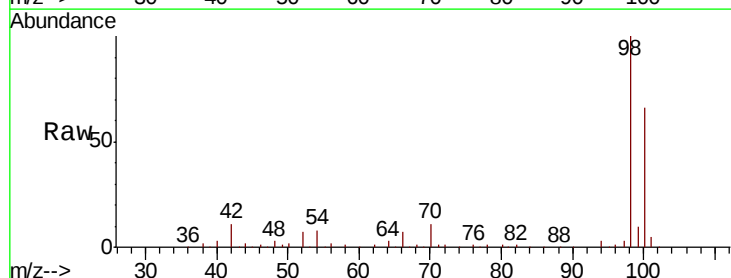


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

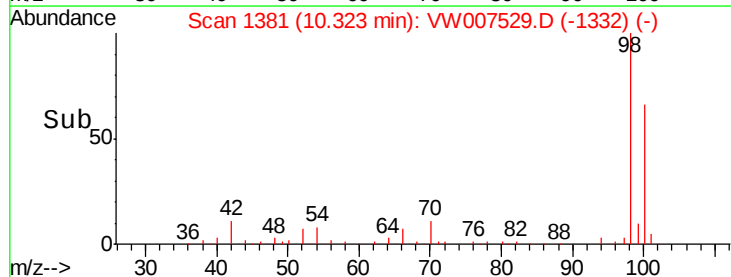
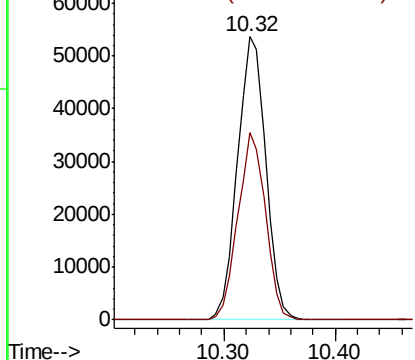


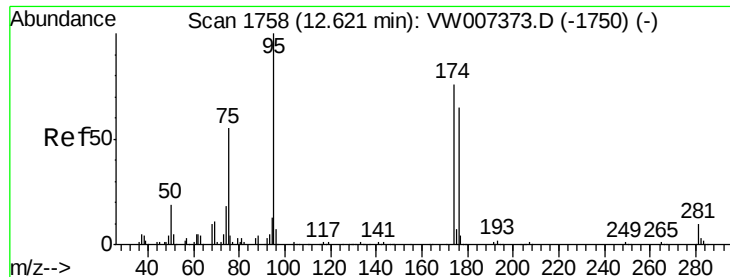
#50
Toluene-d8
Concen: 33.179 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW007529.D
Acq: 14 Dec 2018 12:32

Tgt Ion: 98 Resp: 94450
Ion Ratio Lower Upper
98 100
100 64.8 51.8 77.8



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

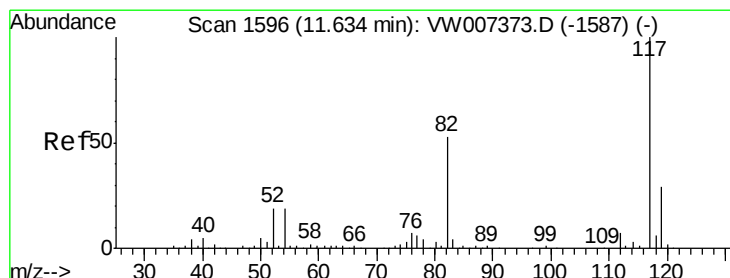
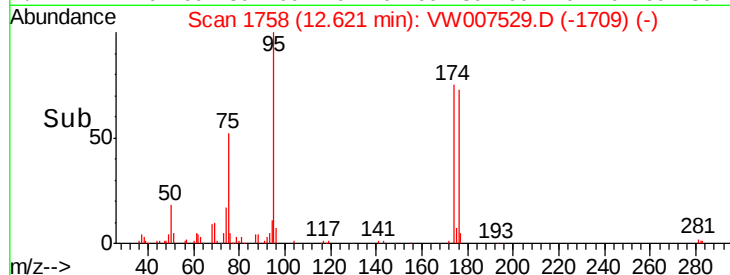
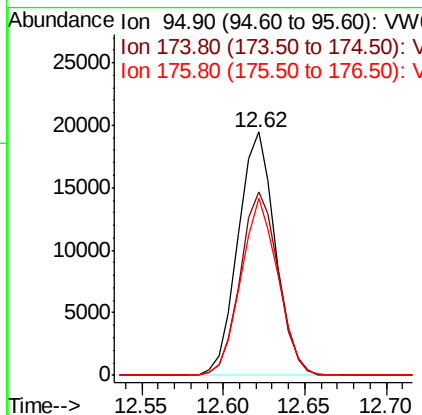
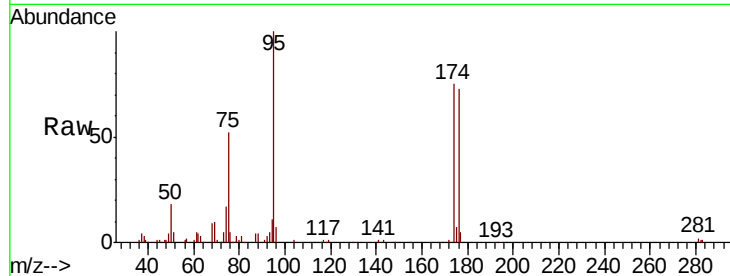




#62
4-Bromofluorobenzene
Concen: 29.618 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW007529.D
Acq: 14 Dec 2018 12:32

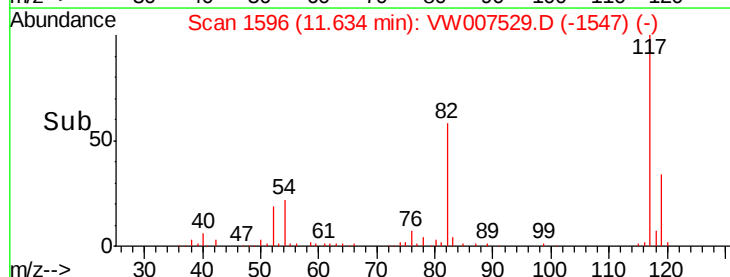
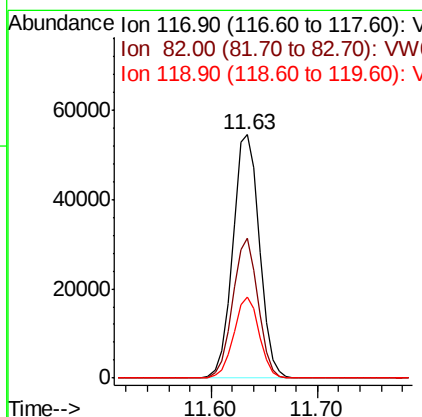
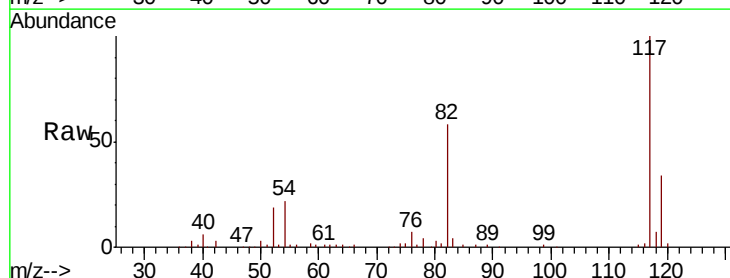
Instrument :
MSVOA_W
ClientSampleId :
SUP-2A-G-4-120718

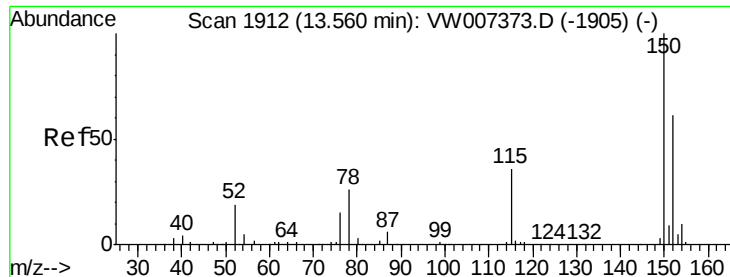
Tot Ion: 95 Resp: 31000
Ion Ratio Lower Upper
95 100
174 76.9 0.0 147.2
176 72.2 0.0 138.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007529.D
Acq: 14 Dec 2018 12:32

Tgt Ion: 117 Resp: 95599
Ion Ratio Lower Upper
117 100
82 57.7 42.3 63.5
119 33.6 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: VW007529.D

Acq: 14 Dec 2018 12:32

Instrument :

MSVOA_W

ClientSampleId :

SUP-2A-G-4-120718

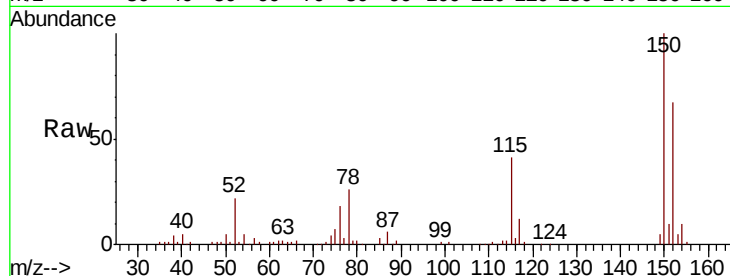
Tot Ion:152 Resp: 31722

Ion Ratio Lower Upper

152 100

115 62.7 31.4 94.2

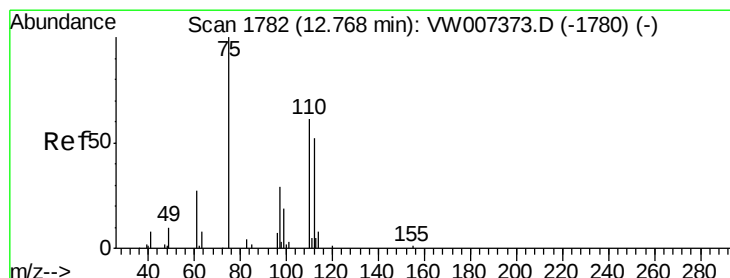
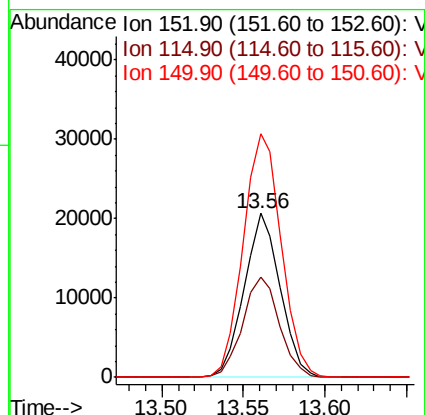
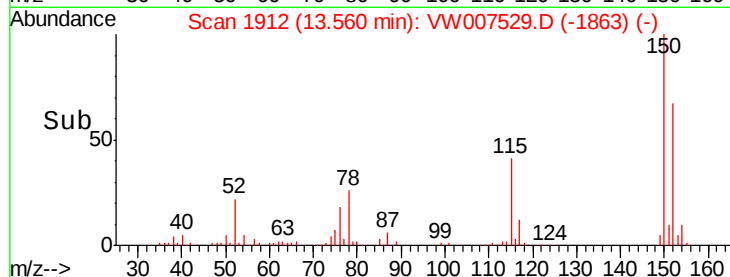
150 156.5 0.0 358.4



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: 61.038 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007529.D

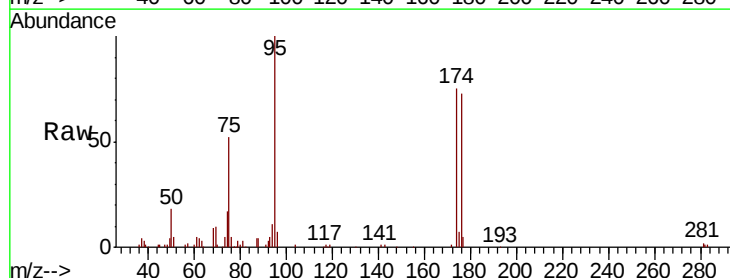
Acq: 14 Dec 2018 12:32

Tgt Ion: 75 Resp: 15965

Ion Ratio Lower Upper

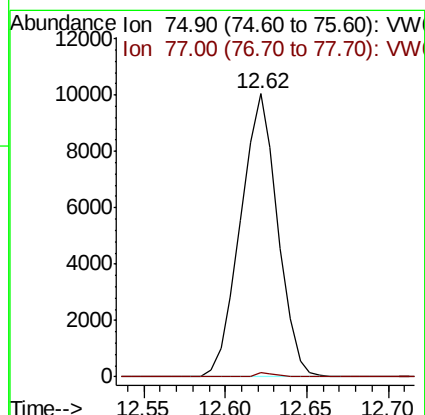
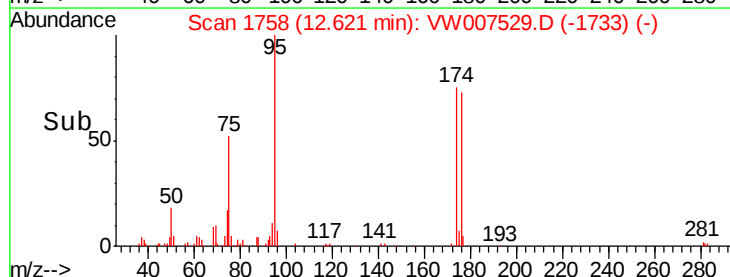
75 100

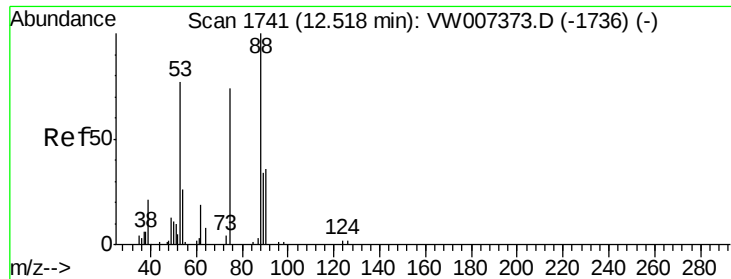
77 0.8 166.9 500.8#



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: 134.834 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007529.D

Acq: 14 Dec 2018 12:32

Instrument :

MSVOA_W

ClientSampleId :

SUP-2A-G-4-120718

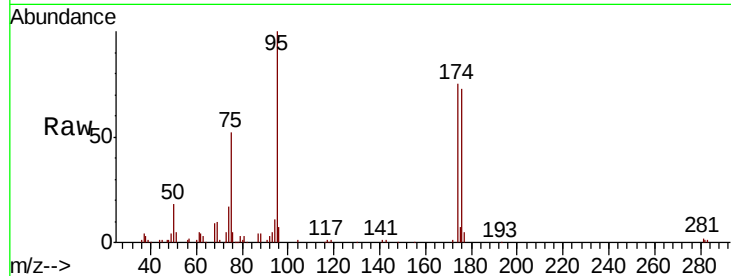
Tot Ion: 75 Resp: 15965

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

