

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041720\
 Data File : VN061047.D
 Acq On : 17 Apr 2020 13:52
 Operator : JC/MD
 Sample : L2329-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

Quant Time: Apr 20 01:31:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041620W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 17 03:49:39 2020
 Response via : Initial Calibration

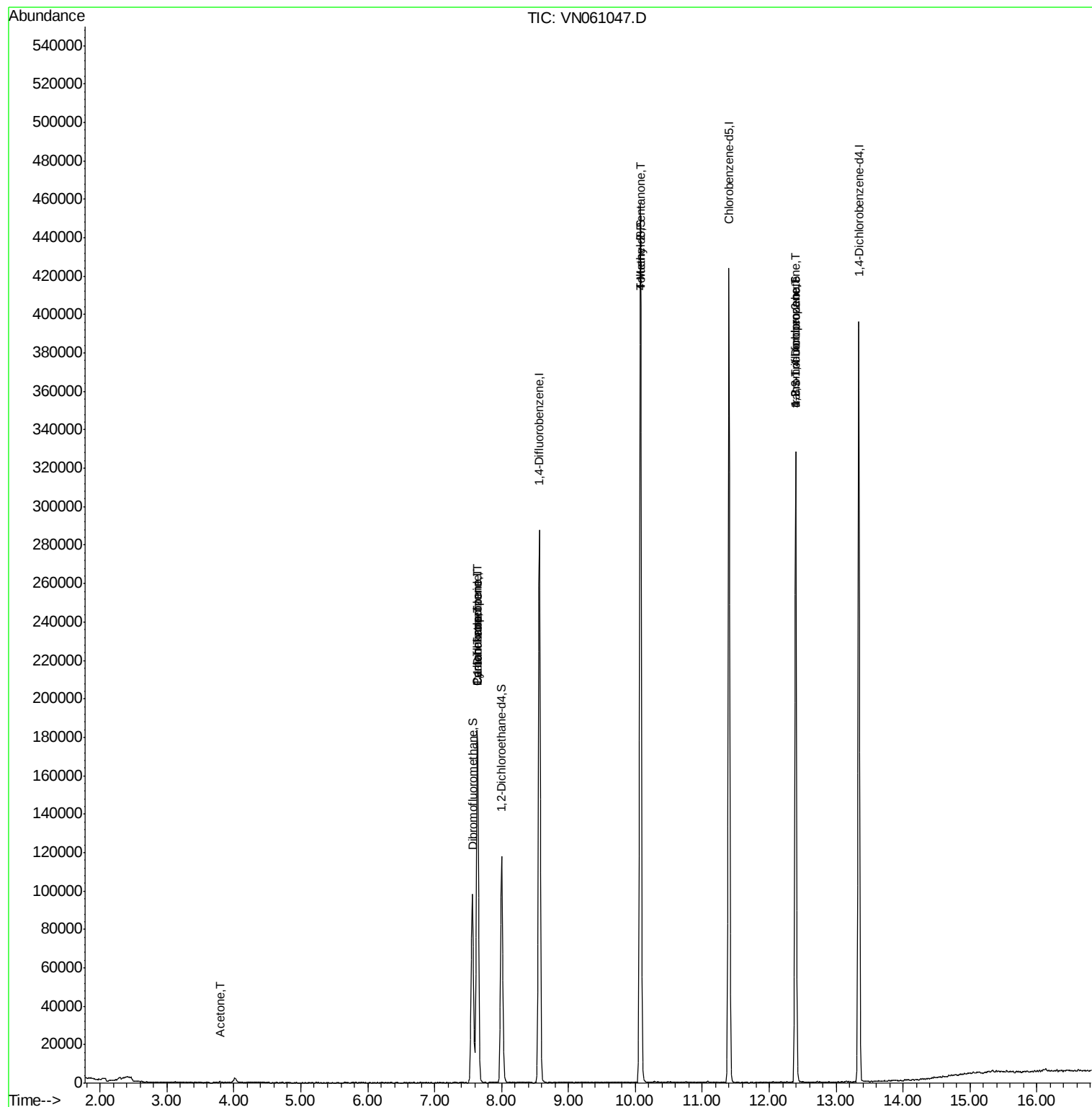
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	148487	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	252626	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	236161	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	103061	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	101469	53.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.82%	
35) Dibromofluoromethane	7.56	113	75948	51.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.96%	
50) Toluene-d8	10.08	98	311292	55.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.68%	
62) 4-Bromofluorobenzene	12.39	95	115468	52.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.70%	
Target Compounds						
					Qvalue	
16) Acetone	3.79	43	911	1.089	ug/l #	44
31) Cyclohexane	7.64	56	3158	0.892	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	11929	4.576	ug/l #	50
38) Carbon Tetrachloride	7.64	117	14365	6.620	ug/l #	15
51) 4-Methyl-2-Pentanone	10.07	43	1573	0.593	ug/l #	1
76) 1,2,3-Trichloropropane	12.39	75	58883	25.975	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.39	75	58883	64.069	ug/l #	12

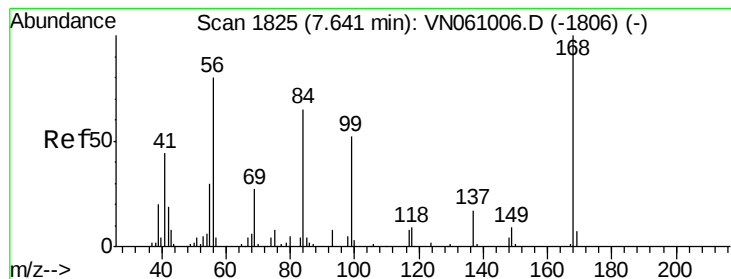
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Apr 17 03:49:39 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN061047.D

Acq: 17 Apr 2020 13:52

Instrument :

MSVOA_N

ClientSampleId :

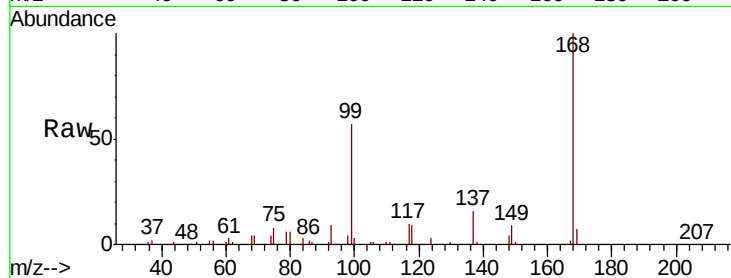
STORAGE-BLANK-SOIL-REF-6

Tot Ion:168 Resp: 148487

Ion Ratio Lower Upper

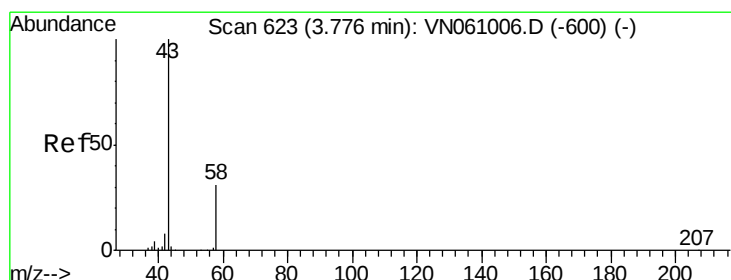
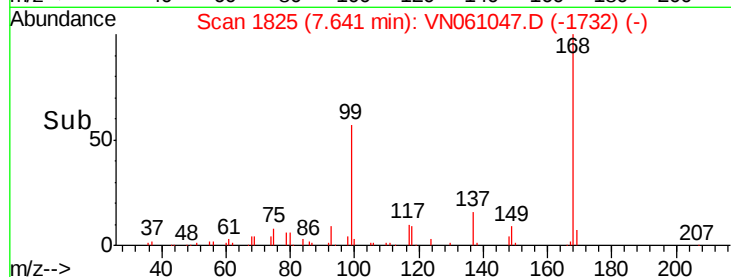
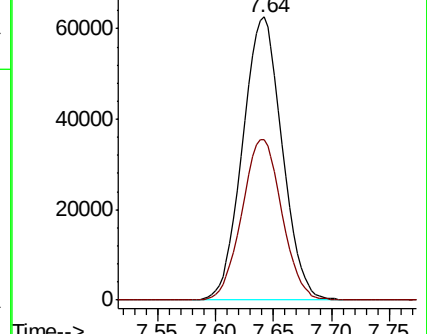
168 100

99 56.5 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 1.089 ug/l

RT: 3.79 min Scan# 627

Delta R.T. 0.01 min

Lab File: VN061047.D

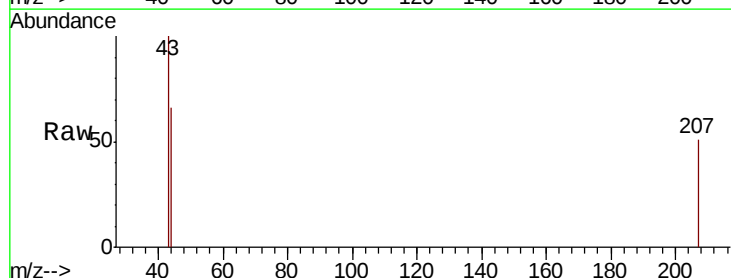
Acq: 17 Apr 2020 13:52

Tgt Ion: 43 Resp: 911

Ion Ratio Lower Upper

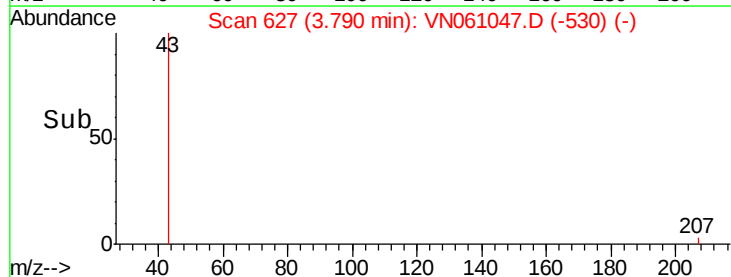
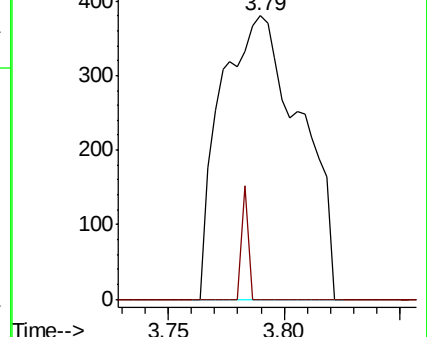
43 100

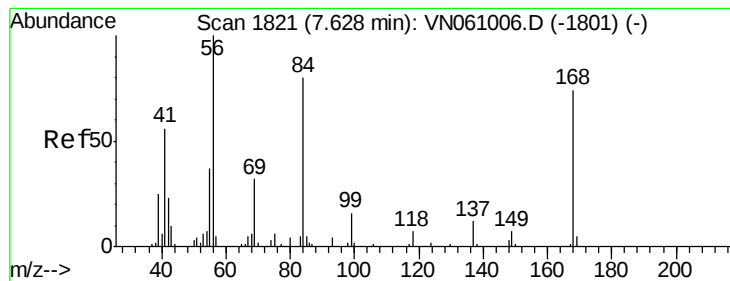
58 0.0 24.6 37.0#



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN





#31

Cyclohexane

Concen: 0.892 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. 0.01 min

Lab File: VN061047.D

Acq: 17 Apr 2020 13:52

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

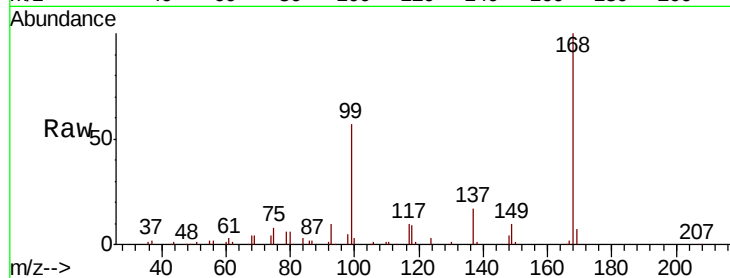
Tot Ion: 56 Resp: 3158

Ion Ratio Lower Upper

56 100

69 173.1 25.6 38.4#

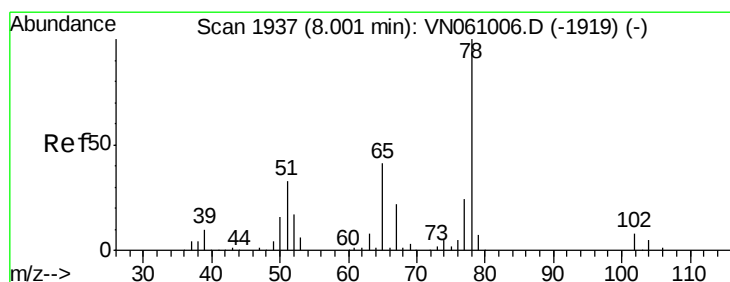
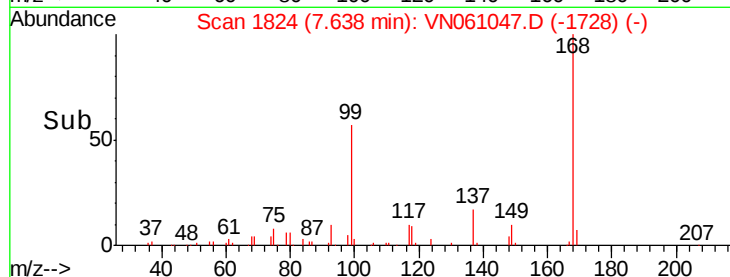
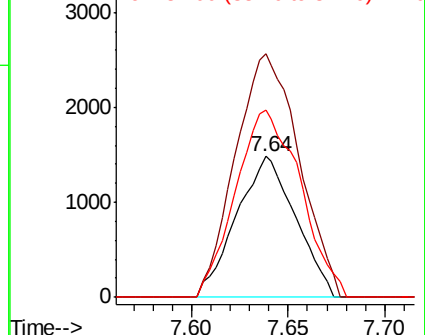
84 133.1 63.4 95.2#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#33

1,2-Dichloroethane-d4

Concen: 53.411 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VN061047.D

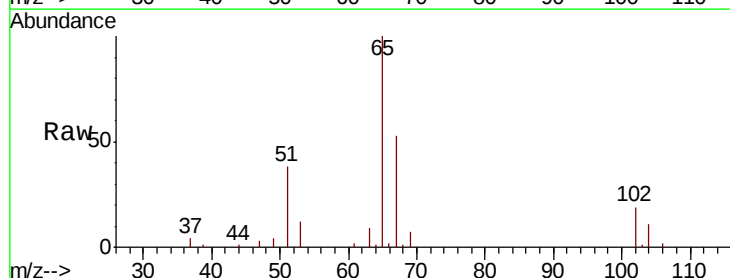
Acq: 17 Apr 2020 13:52

Tgt Ion: 65 Resp: 101469

Ion Ratio Lower Upper

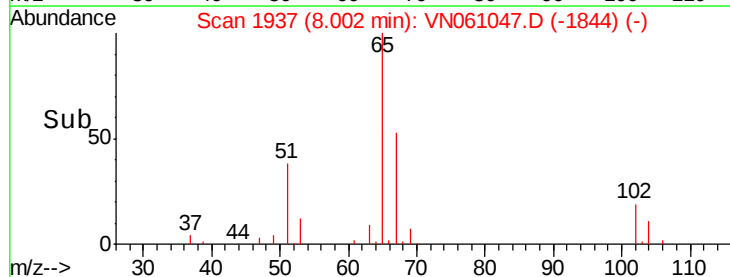
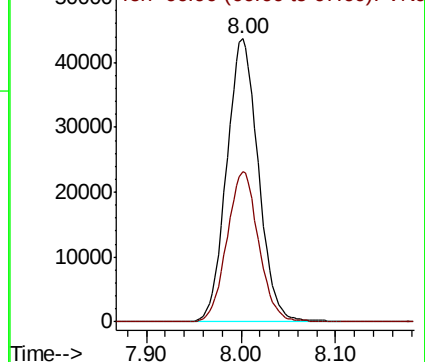
65 100

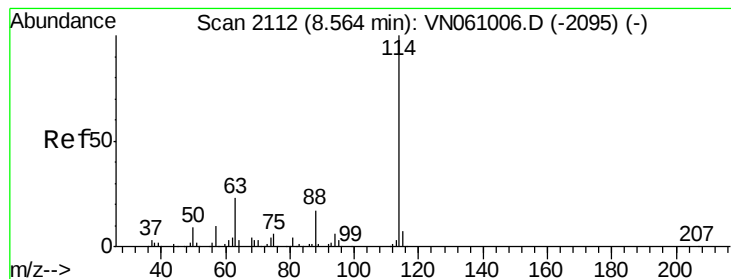
67 53.2 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.56 min Scan# 2112

Delta R.T. 0.00 min

Lab File: VN061047.D

Acq: 17 Apr 2020 13:52

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

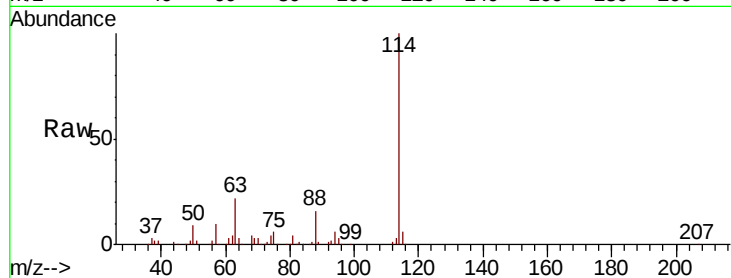
Tot Ion:114 Resp: 252626

Ion Ratio Lower Upper

114 100

63 22.0 0.0 46.2

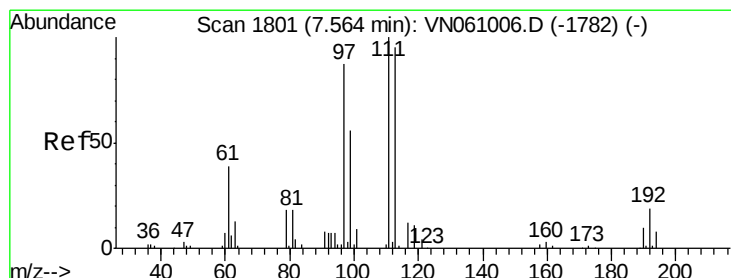
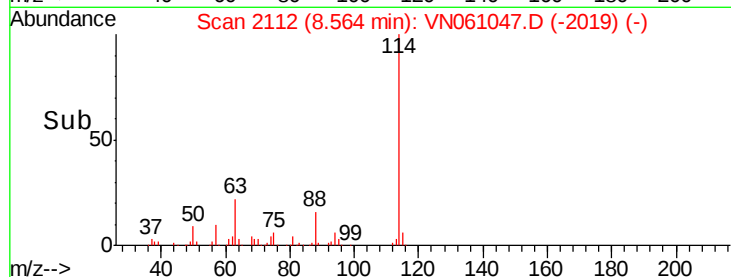
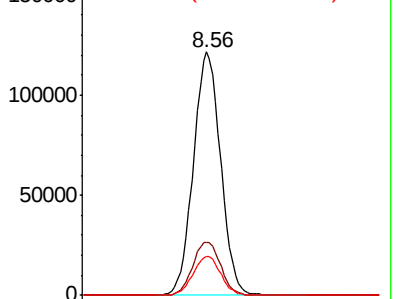
88 16.1 0.0 33.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 51.480 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN061047.D

Acq: 17 Apr 2020 13:52

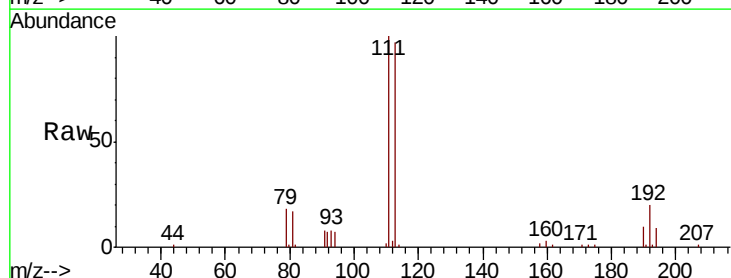
Tgt Ion:113 Resp: 75948

Ion Ratio Lower Upper

113 100

111 102.8 83.4 125.2

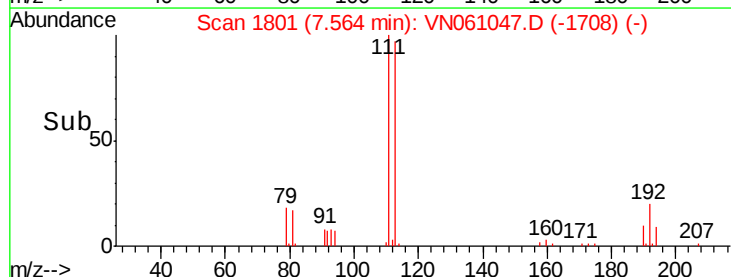
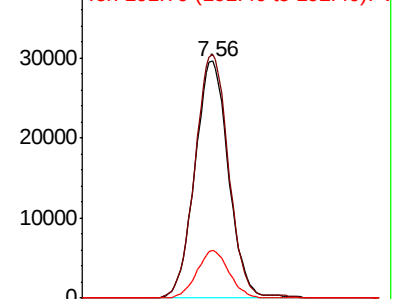
192 19.2 15.5 23.3

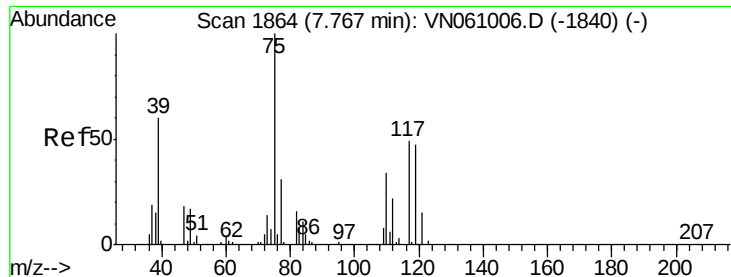


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

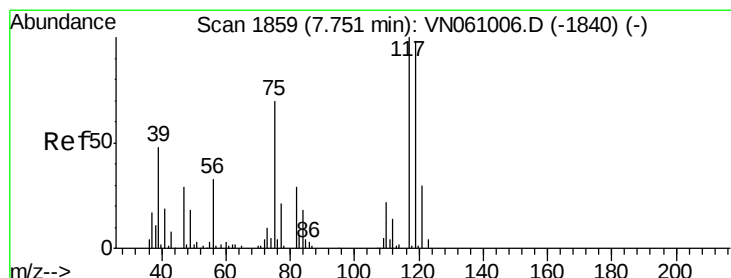
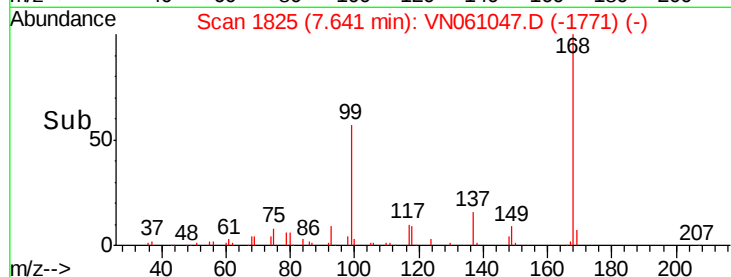
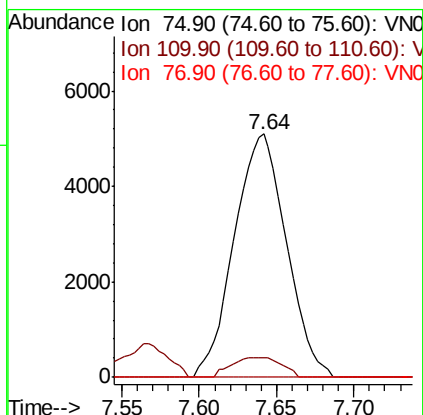
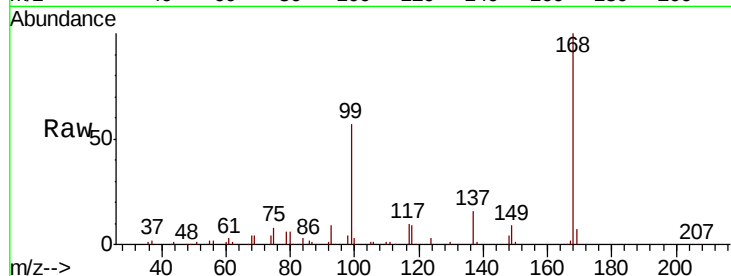




#36
 1,1-Dichloropropene
 Concen: 4.576 ug/l
 RT: 7.64 min Scan# 1825
 Delta R.T. -0.13 min
 Lab File: VN061047.D
 Acq: 17 Apr 2020 13:52

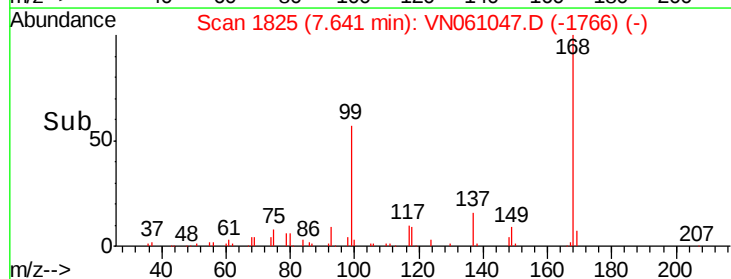
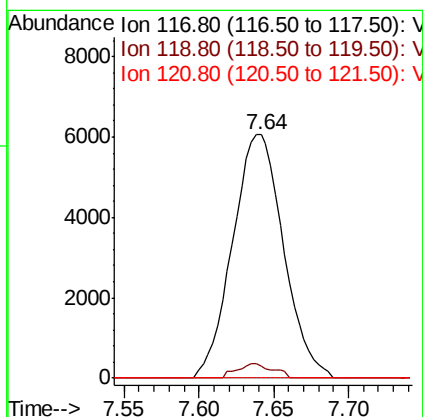
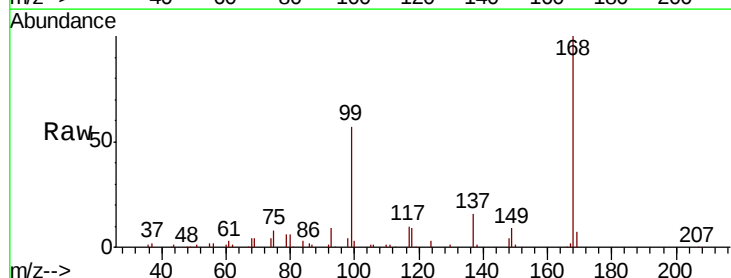
Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

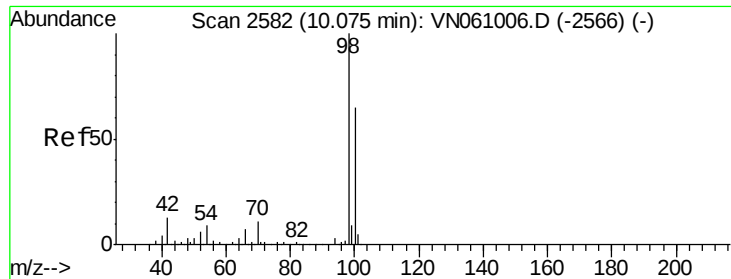
Tot Ion: 75 Resp: 11929
 Ion Ratio Lower Upper
 75 100
 110 7.9 16.8 50.3#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 6.620 ug/l
 RT: 7.64 min Scan# 1825
 Delta R.T. -0.11 min
 Lab File: VN061047.D
 Acq: 17 Apr 2020 13:52

Tgt Ion: 117 Resp: 14365
 Ion Ratio Lower Upper
 117 100
 119 5.0 78.1 117.1#
 121 0.0 24.0 36.0#





#50

Toluene-d8

Concen: 55.838 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. 0.00 min

Lab File: VN061047.D

Acq: 17 Apr 2020 13:52

Instrument :

MSVOA_N

ClientSampleId :

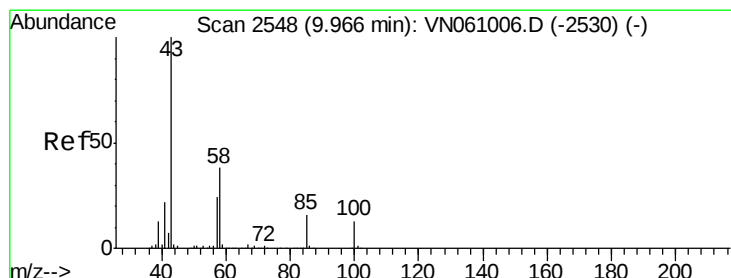
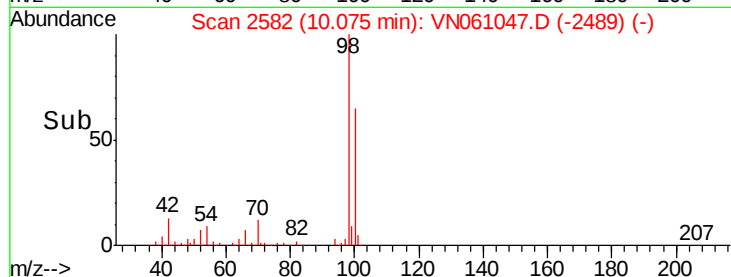
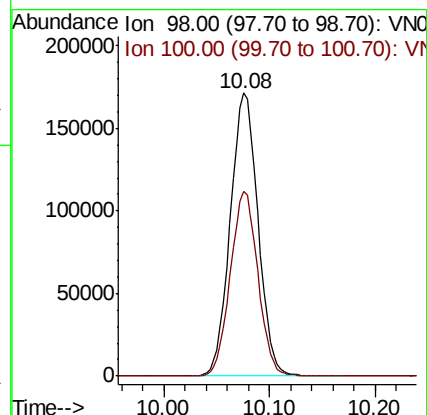
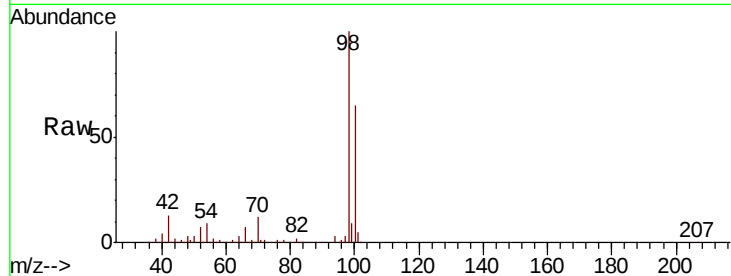
STORAGE-BLANK-SOIL-REF-6

Tot Ion: 98 Resp: 311292

Ion Ratio Lower Upper

98 100

100 65.1 51.9 77.9



#51

4-Methyl-2-Pentanone

Concen: 0.593 ug/l

RT: 10.07 min Scan# 2581

Delta R.T. 0.11 min

Lab File: VN061047.D

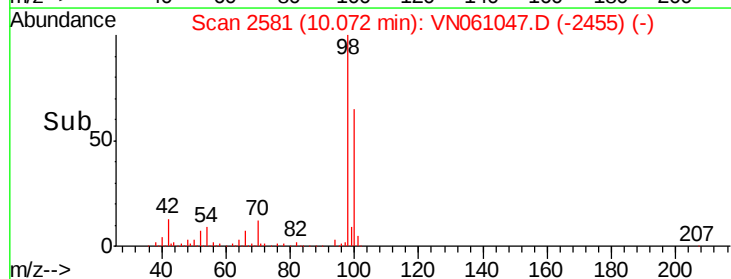
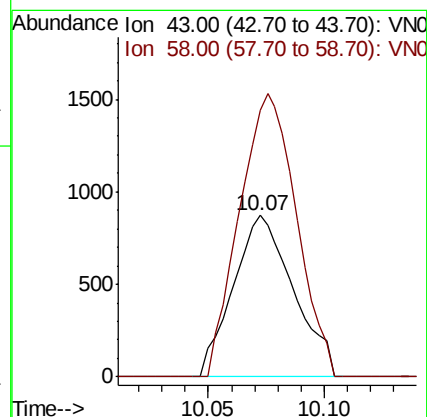
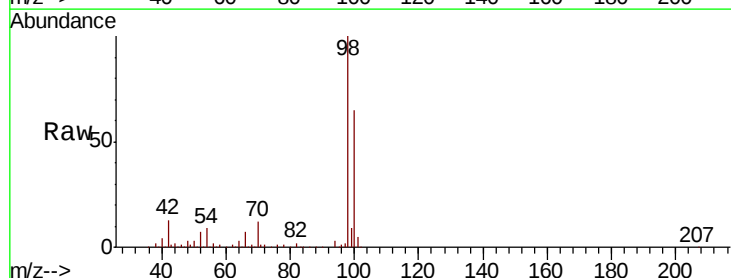
Acq: 17 Apr 2020 13:52

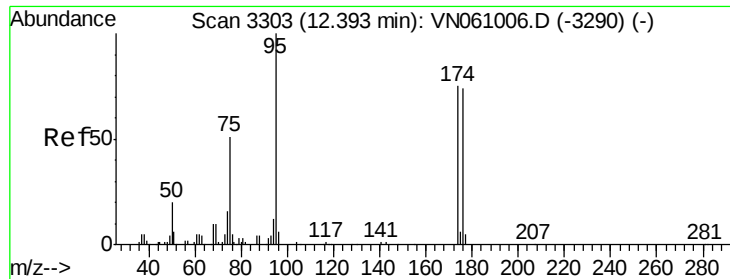
Tgt Ion: 43 Resp: 1573

Ion Ratio Lower Upper

43 100

58 166.2 30.3 45.5#

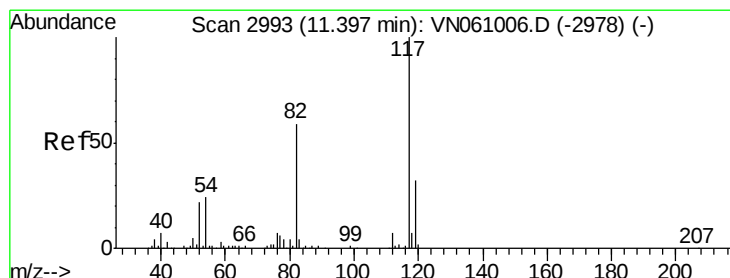
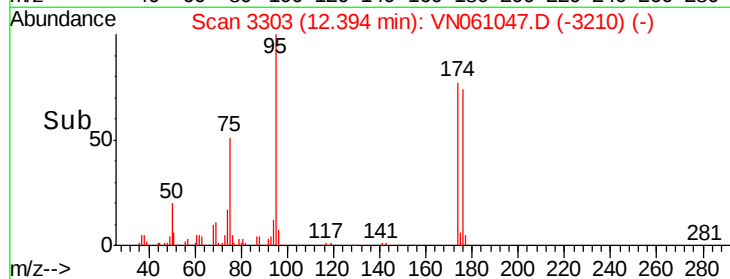
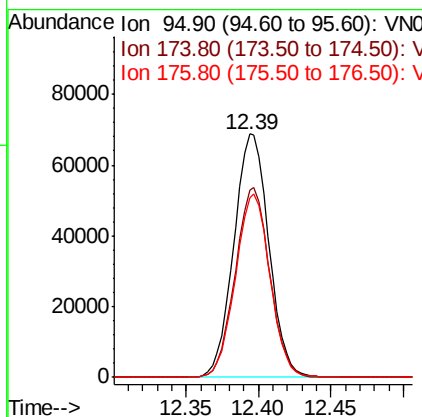
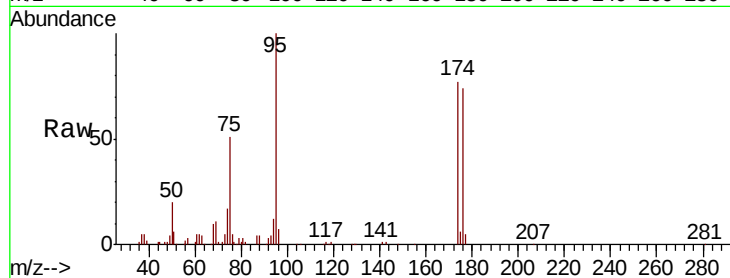




#62
4-Bromofluorobenzene
Concen: 52.847 ug/l
RT: 12.39 min Scan# 3303
Delta R.T. 0.00 min
Lab File: VN061047.D
Acq: 17 Apr 2020 13:52

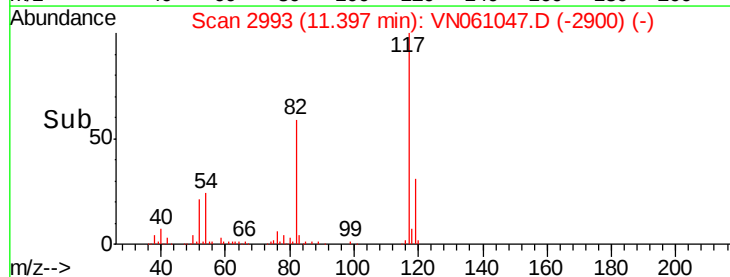
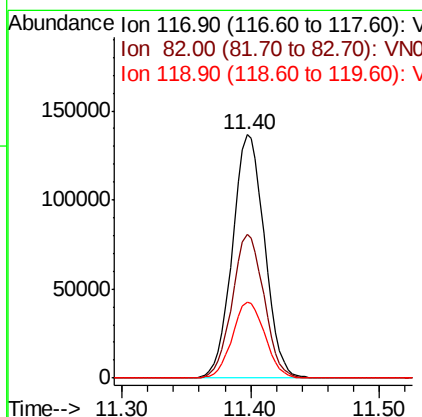
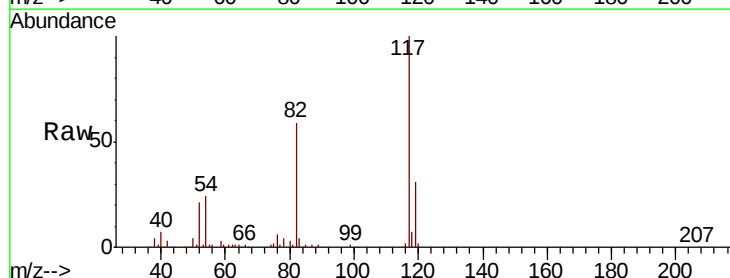
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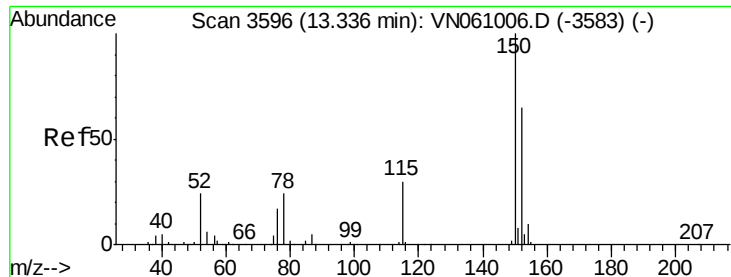
Tot Ion: 95 Resp: 115468
Ion Ratio Lower Upper
95 100
174 77.0 0.0 151.2
176 74.4 0.0 148.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2993
Delta R.T. 0.00 min
Lab File: VN061047.D
Acq: 17 Apr 2020 13:52

Tgt Ion: 117 Resp: 236161
Ion Ratio Lower Upper
117 100
82 59.0 47.1 70.7
119 31.3 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN061047.D

Acq: 17 Apr 2020 13:52

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

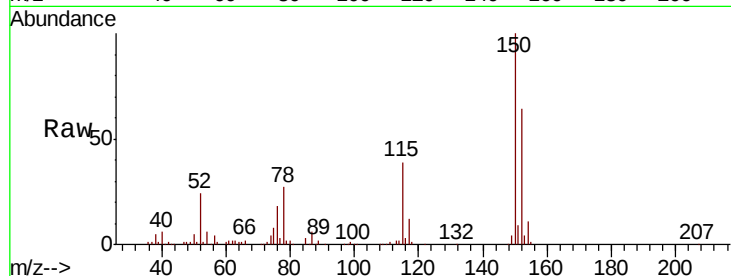
Tot Ion:152 Resp: 103061

Ion Ratio Lower Upper

152 100

115 60.8 30.8 92.4

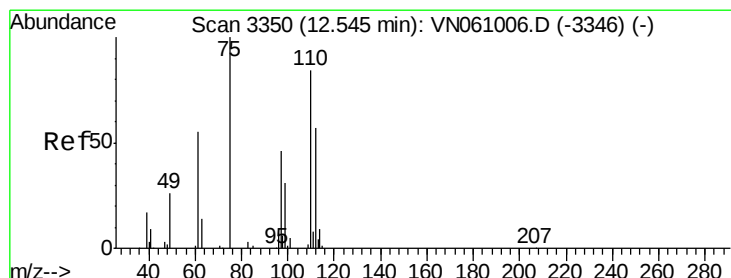
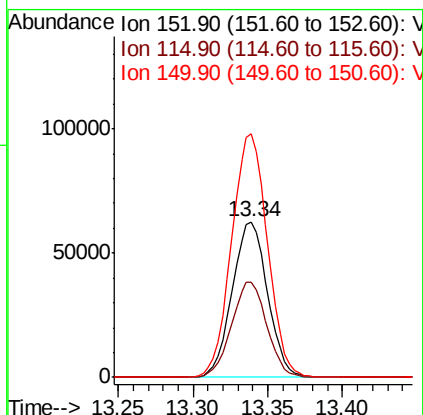
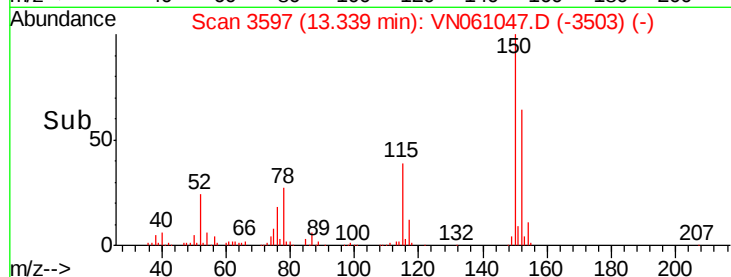
150 158.6 0.0 349.0



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: 25.975 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. -0.15 min

Lab File: VN061047.D

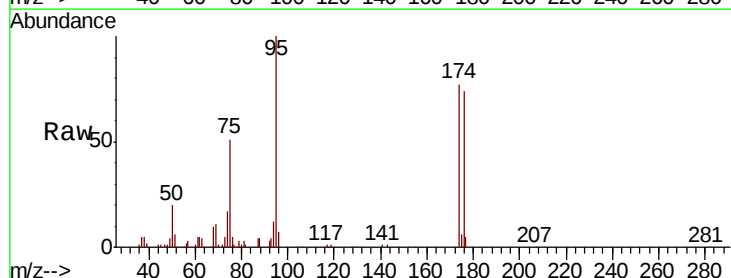
Acq: 17 Apr 2020 13:52

Tgt Ion: 75 Resp: 58883

Ion Ratio Lower Upper

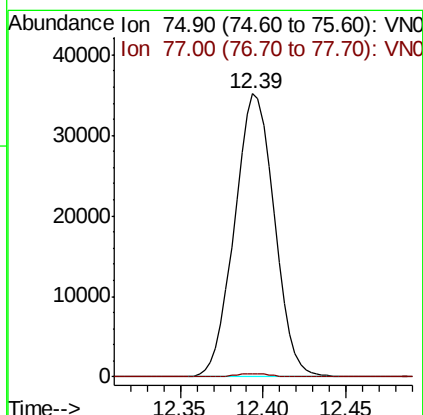
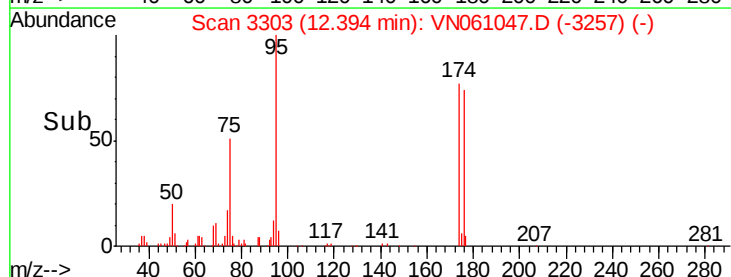
75 100

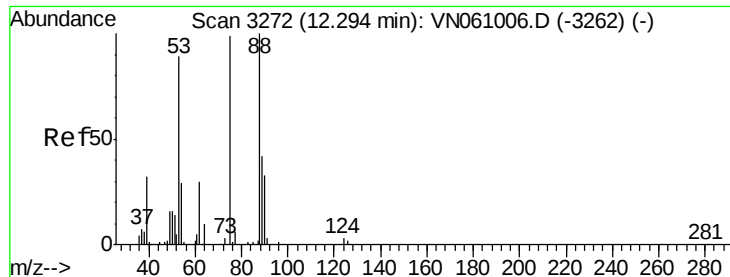
77 0.9 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.069 ug/l
 RT: 12.39 min Scan# 3303
 Delta R.T. 0.10 min
 Lab File: VN061047.D
 Acq: 17 Apr 2020 13:52

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

Tot Ion: 75 Resp: 58883
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.7 112.1#
 89 0.0 34.6 52.0#

