

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041720\
 Data File : VN061046.D
 Acq On : 17 Apr 2020 13:29
 Operator : JC/MD
 Sample : L2231-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANA

Quant Time: Apr 20 01:31:07 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	152886	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	260773	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	242438	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	105578	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	102684	52.49	ug/l	0.00
Spiked Amount						
			Recovery	=	104.98%	
35) Dibromofluoromethane	7.56	113	77740	51.05	ug/l	0.00
Spiked Amount						
			Recovery	=	102.10%	
50) Toluene-d8	10.08	98	322377	56.02	ug/l	0.00
Spiked Amount						
			Recovery	=	112.04%	
62) 4-Bromofluorobenzene	12.39	95	117999	52.32	ug/l	0.00
Spiked Amount						
			Recovery	=	104.64%	

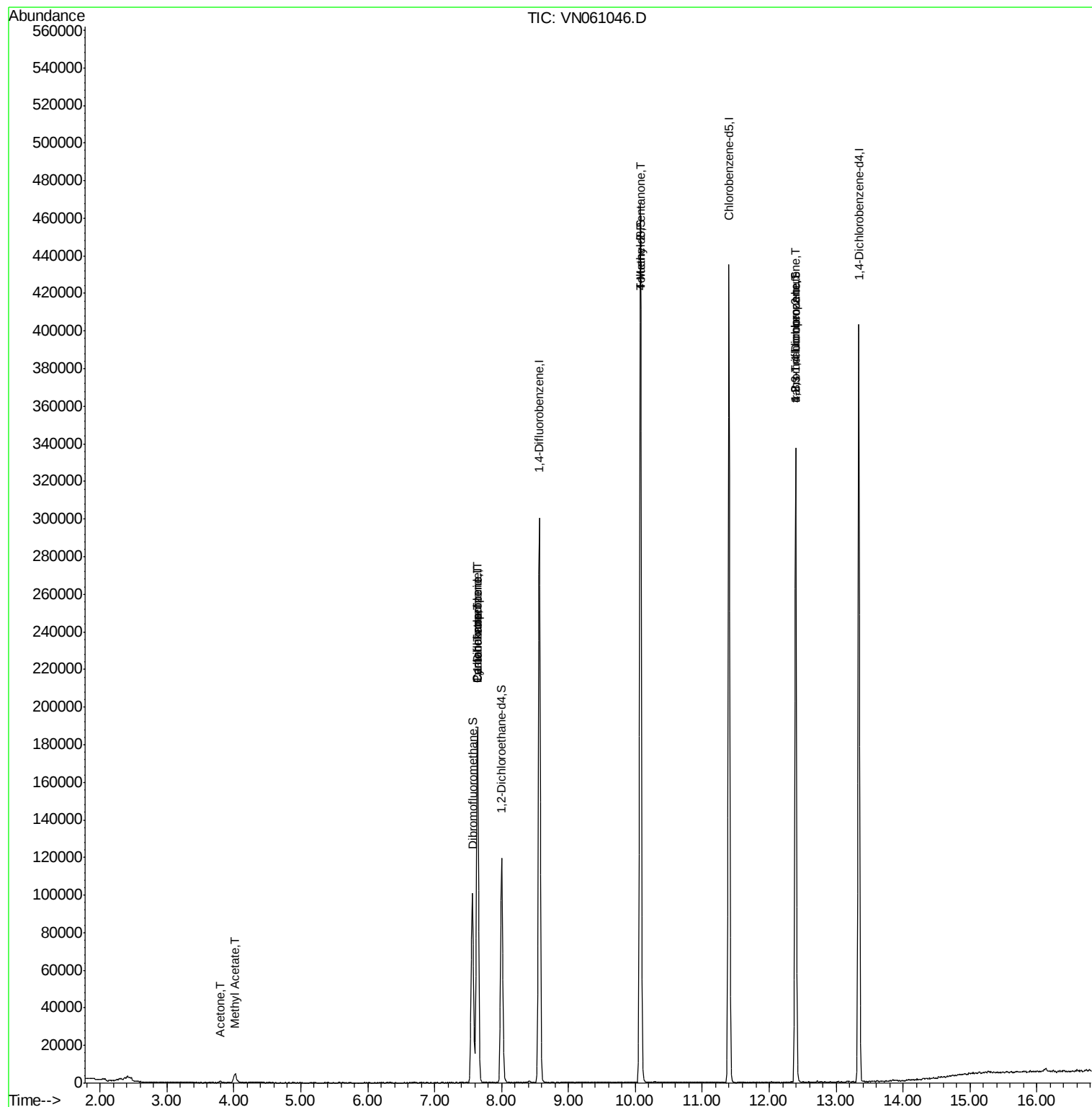
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.78	43	1284	1.491	ug/l #	44
18) Methyl Acetate	4.02	43	1799	0.666	ug/l #	54
31) Cyclohexane	7.64	56	3377	0.927	ug/l #	1
36) 1,1-Dichloropropene	7.63	75	11782	4.378	ug/l #	50
38) Carbon Tetrachloride	7.64	117	14827	6.620	ug/l #	15
51) 4-Methyl-2-Pentanone	10.08	43	1601	0.584	ug/l #	1
76) 1,2,3-Trichloropropane	12.39	75	60384	26.002	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.39	75	60384	64.136	ug/l #	12

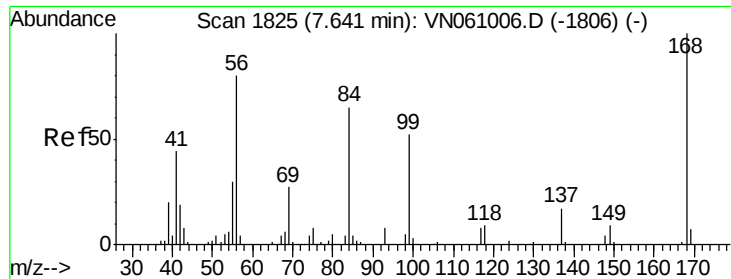
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN061046.D

Acq: 17 Apr 2020 13:29

Instrument :

MSVOA_N

ClientSampleId :

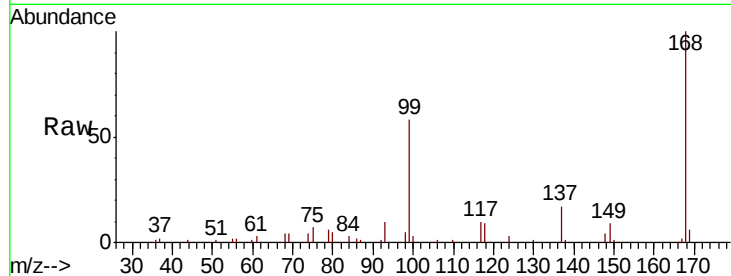
STORAGE-BLANK-SAMPLE-MANA

Tot Ion:168 Resp: 152886

Ion Ratio Lower Upper

168 100

99 58.2 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): VN061006.D (-1806) (-)

Ion 98.90 (98.60 to 99.60): VN061006.D (-1806) (-)

7.64

60000

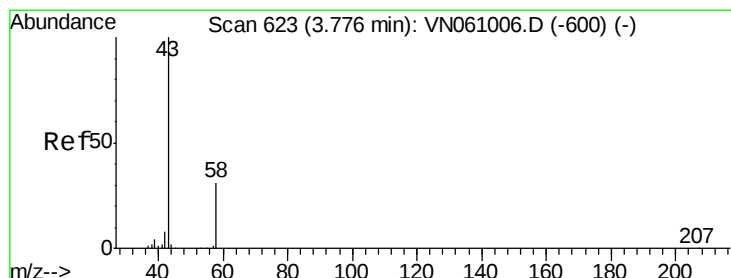
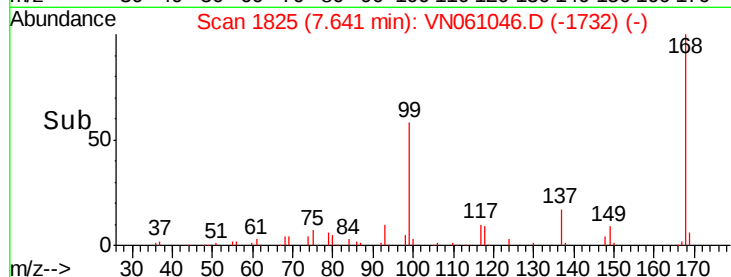
40000

20000

0

7.60 7.70

Time-->



#16

Acetone

Concen: 1.491 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.01 min

Lab File: VN061046.D

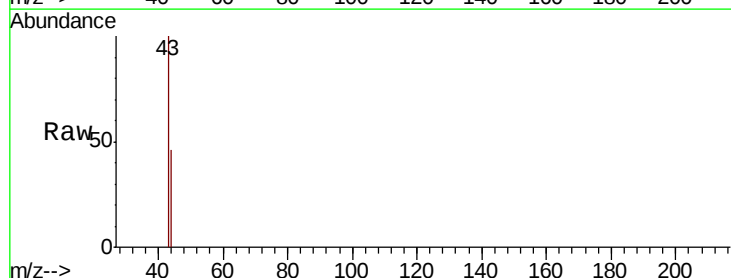
Acq: 17 Apr 2020 13:29

Tgt Ion: 43 Resp: 1284

Ion Ratio Lower Upper

43 100

58 0.0 24.6 37.0#



Abundance Ion 43.00 (42.70 to 43.70): VN061006.D (-600) (-)

Ion 58.00 (57.70 to 58.70): VN061006.D (-600) (-)

3.78

500

400

300

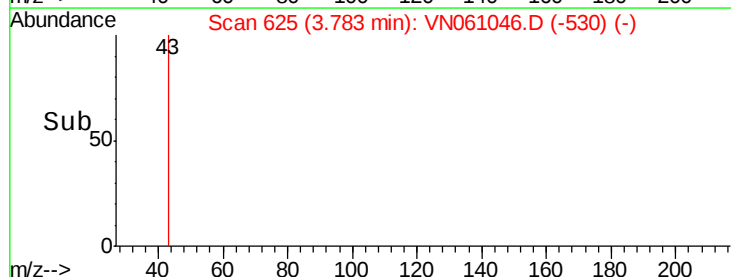
200

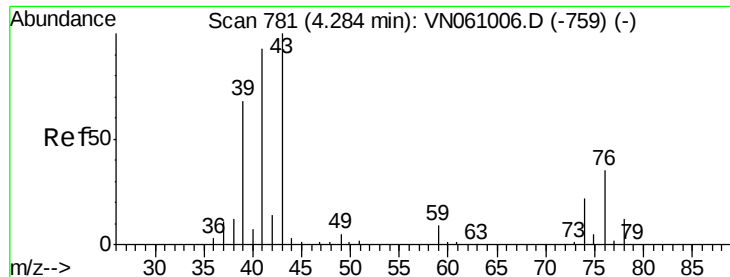
100

0

3.75 3.80 3.85

Time-->

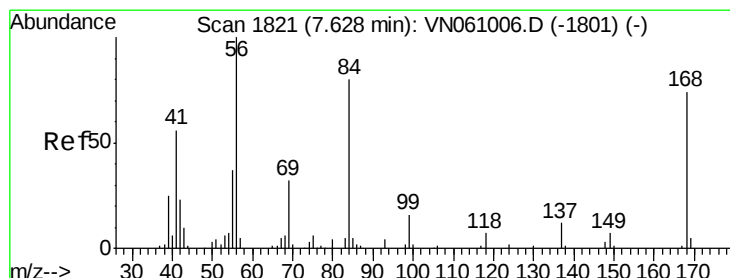
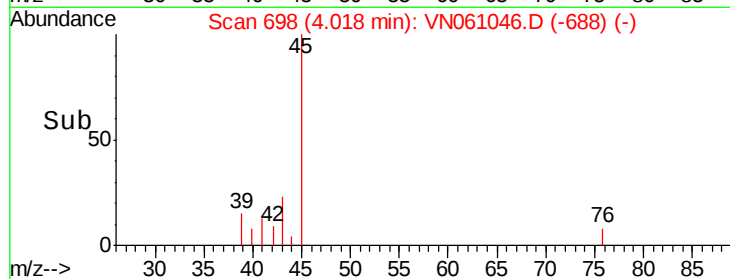
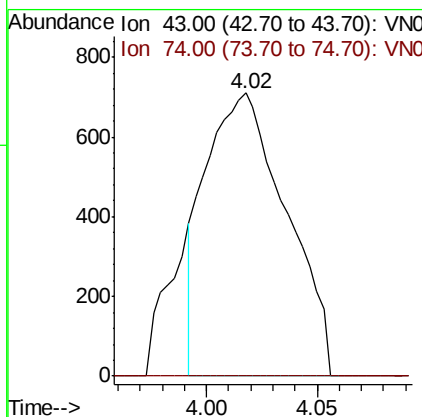
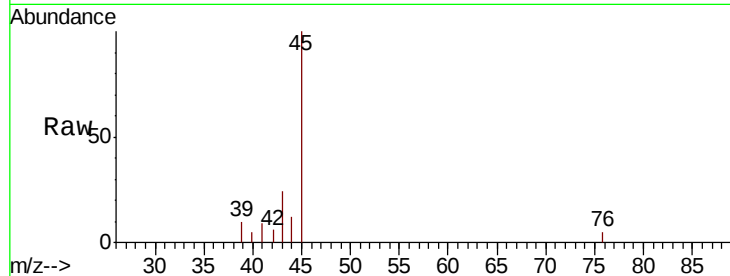




#18
Methvl Acetate
Concen: 0.666 ug/l
RT: 4.02 min Scan# 698
Delta R.T. -0.27 min
Lab File: VN061046.D
Acq: 17 Apr 2020 13:29

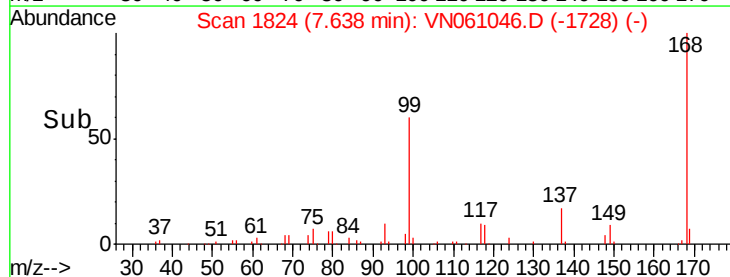
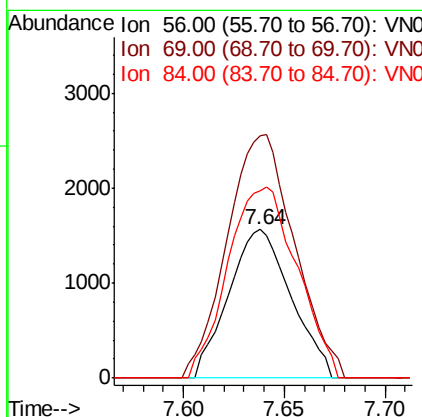
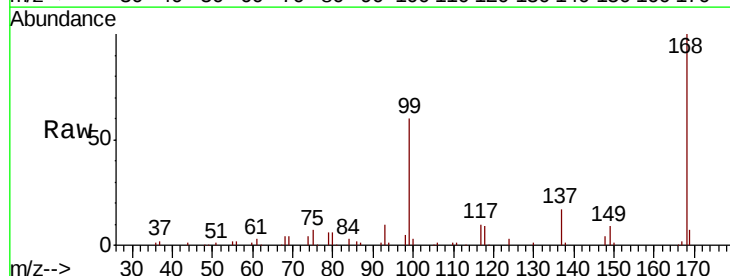
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

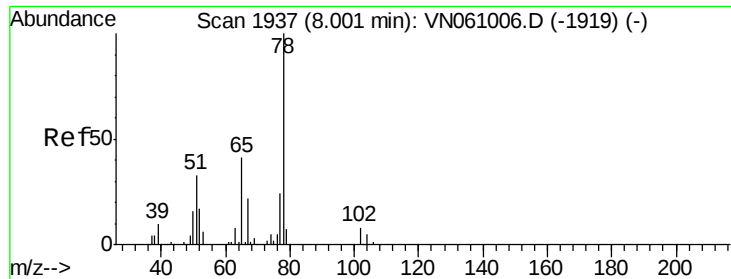
Tot Ion: 43 Resp: 1799
Ion Ratio Lower Upper
43 100
74 0.0 17.4 26.0#



#31
Cyclohexane
Concen: 0.927 ug/l
RT: 7.64 min Scan# 1824
Delta R.T. 0.01 min
Lab File: VN061046.D
Acq: 17 Apr 2020 13:29

Tgt Ion: 56 Resp: 3377
Ion Ratio Lower Upper
56 100
69 153.8 25.6 38.4#
84 126.2 63.4 95.2#

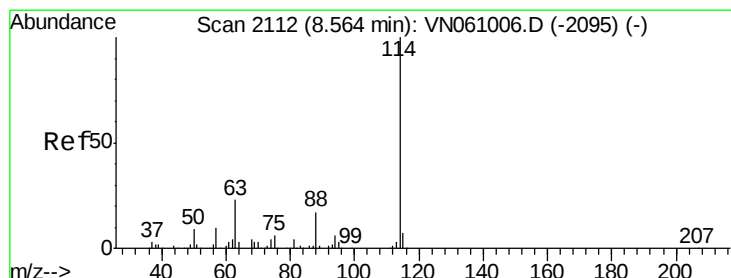
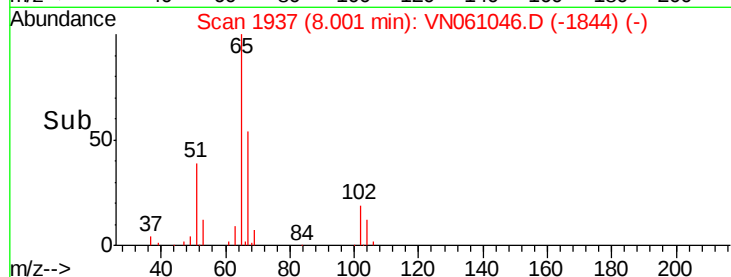
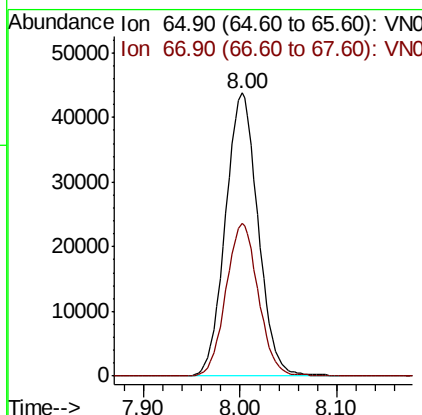
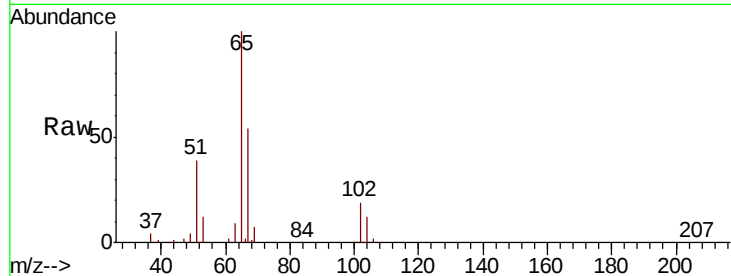




#33
 1,2-Dichloroethane-d4
 Concen: 52.495 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VN061046.D
 Acq: 17 Apr 2020 13:29

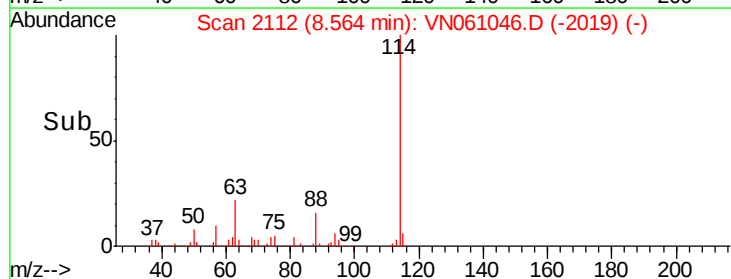
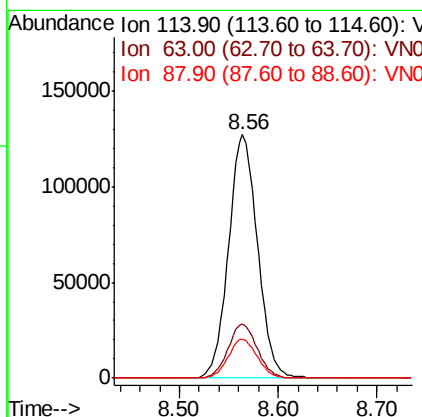
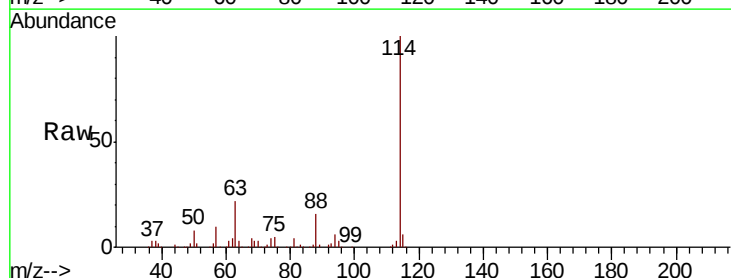
Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANA

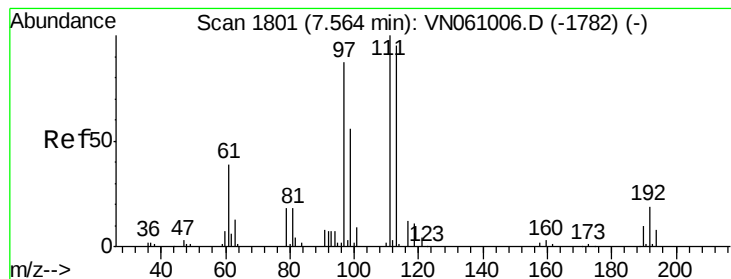
Tot Ion: 65 Resp: 102684
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. 0.00 min
 Lab File: VN061046.D
 Acq: 17 Apr 2020 13:29

Tgt Ion: 114 Resp: 260773
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 46.2
 88 16.0 0.0 33.4





#35

Dibromofluoromethane

Concen: 51.048 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN061046.D

Acq: 17 Apr 2020 13:29

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANA

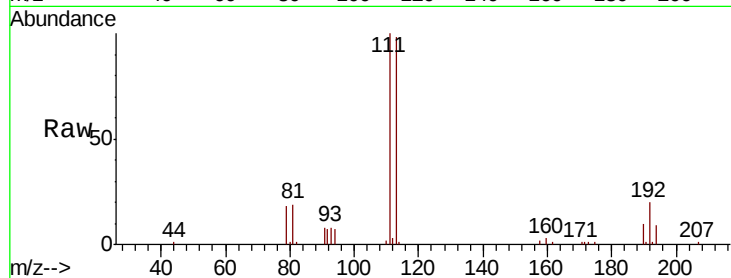
Tot Ion:113 Resp: 77740

Ion Ratio Lower Upper

113 100

111 102.6 83.4 125.2

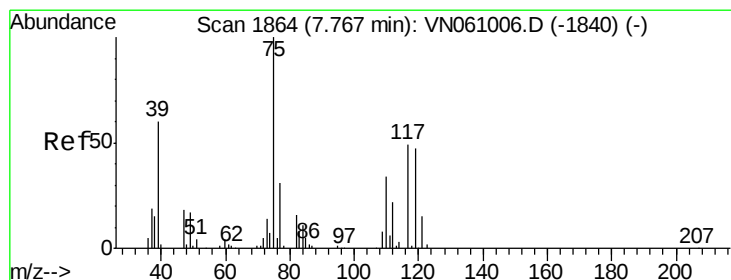
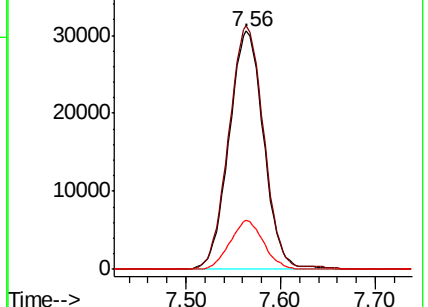
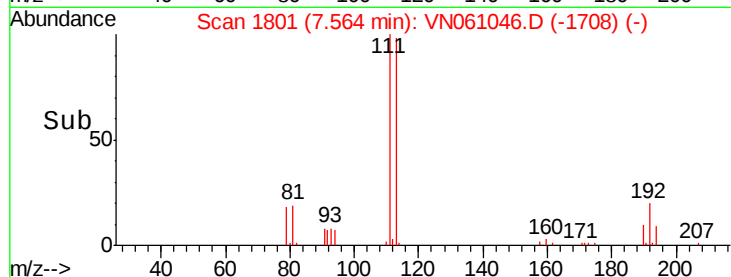
192 19.9 15.5 23.3



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: 4.378 ug/l

RT: 7.63 min Scan# 1823

Delta R.T. -0.13 min

Lab File: VN061046.D

Acq: 17 Apr 2020 13:29

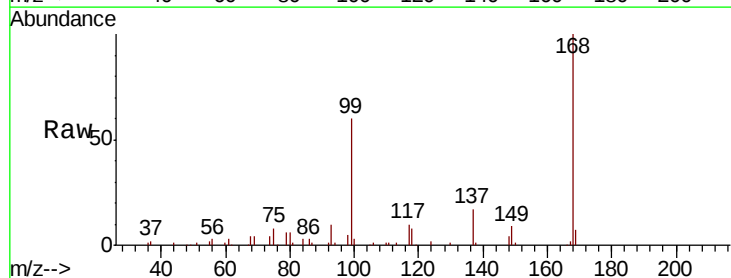
Tgt Ion: 75 Resp: 11782

Ion Ratio Lower Upper

75 100

110 8.4 16.8 50.3#

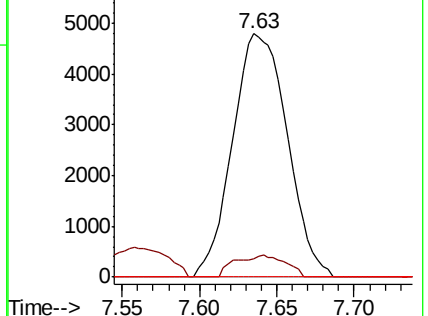
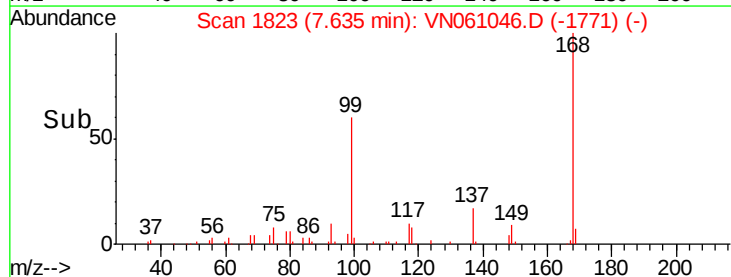
77 0.0 24.7 37.1#

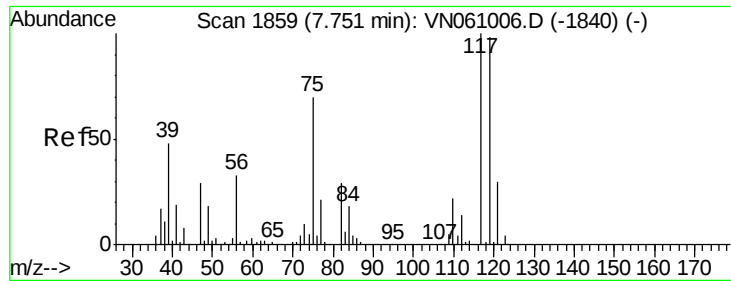


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V





#38

Carbon Tetrachloride

Concen: 6.620 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.11 min

Lab File: VN061046.D

Acq: 17 Apr 2020 13:29

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANA

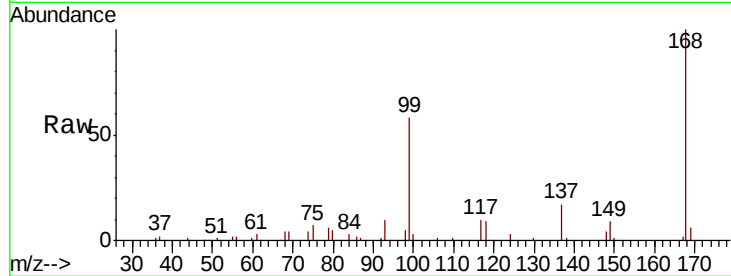
Tot Ion:117 Resp: 14827

Ion Ratio Lower Upper

117 100

119 4.4 78.1 117.1#

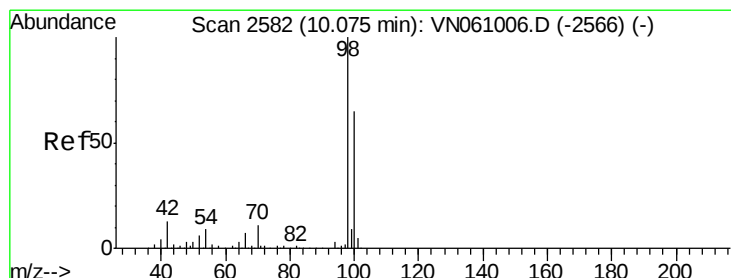
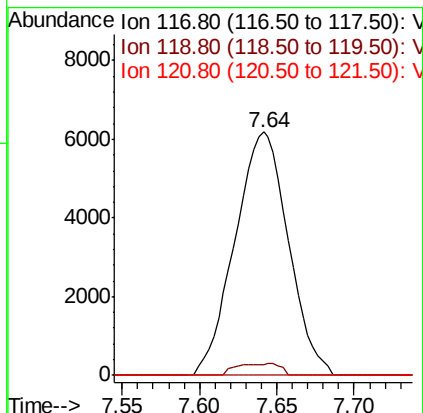
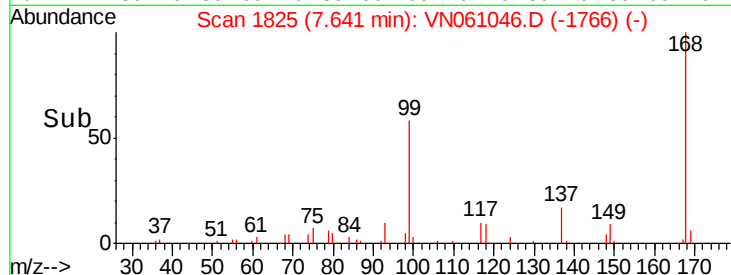
121 0.0 24.0 36.0#



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: 56.020 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. 0.00 min

Lab File: VN061046.D

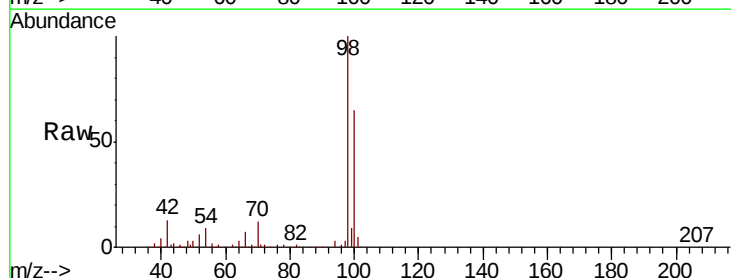
Acq: 17 Apr 2020 13:29

Tgt Ion: 98 Resp: 322377

Ion Ratio Lower Upper

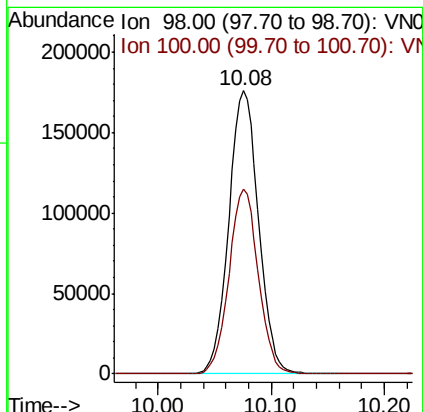
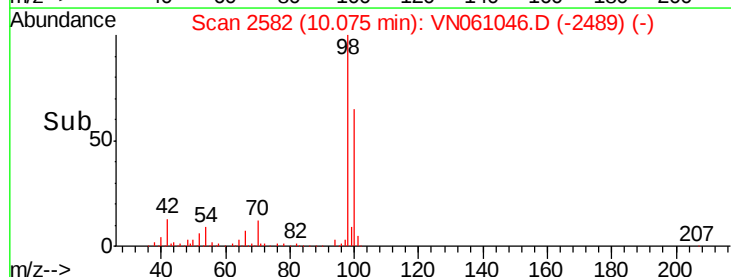
98 100

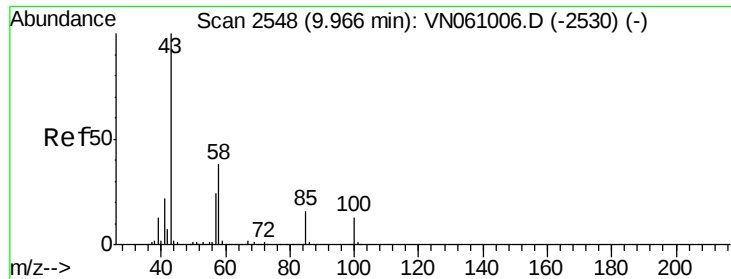
100 64.4 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





#51

4-Methyl-2-Pentanone

Concen: 0.584 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. 0.11 min

Lab File: VN061046.D

Acq: 17 Apr 2020 13:29

Instrument :

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ClientSampleId :

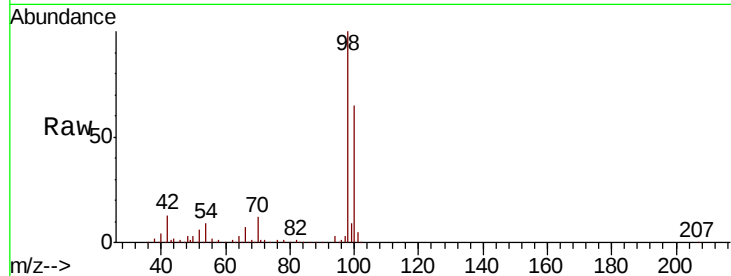
STORAGE-BLANK-SAMPLE-MANA

Tot Ion: 43 Resp: 1601

Ion Ratio Lower Upper

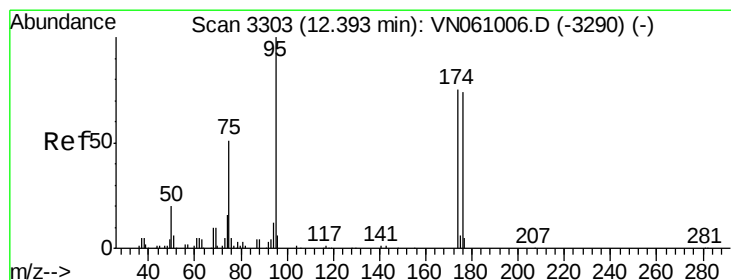
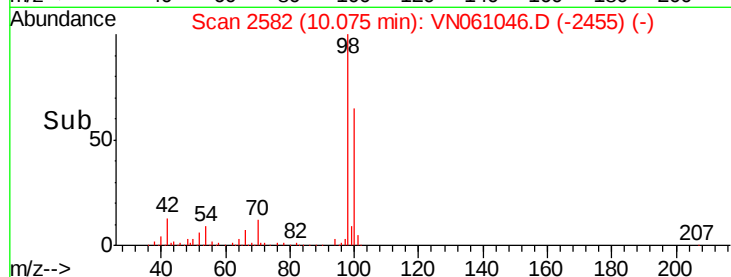
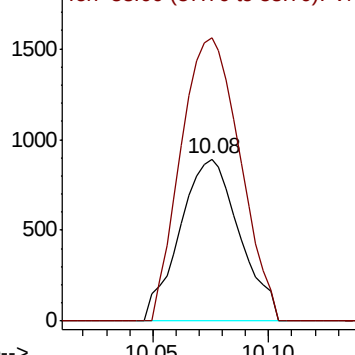
43 100

58 173.0 30.3 45.5#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#62

4-Bromofluorobenzene

Concen: 52.318 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. 0.00 min

Lab File: VN061046.D

Acq: 17 Apr 2020 13:29

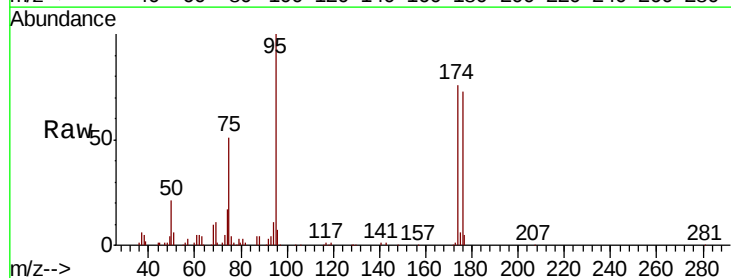
Tgt Ion: 95 Resp: 117999

Ion Ratio Lower Upper

95 100

174 76.6 0.0 151.2

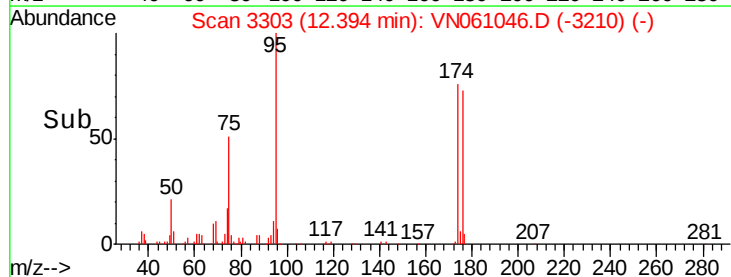
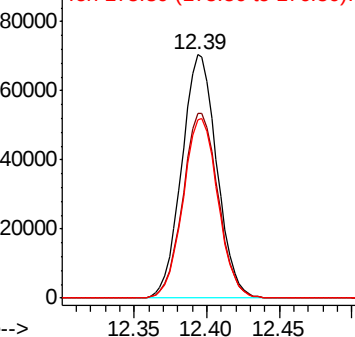
176 73.8 0.0 148.2

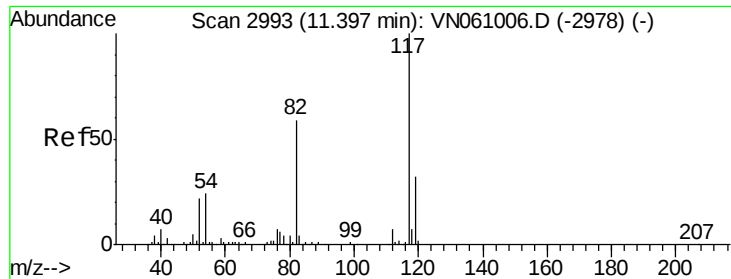


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

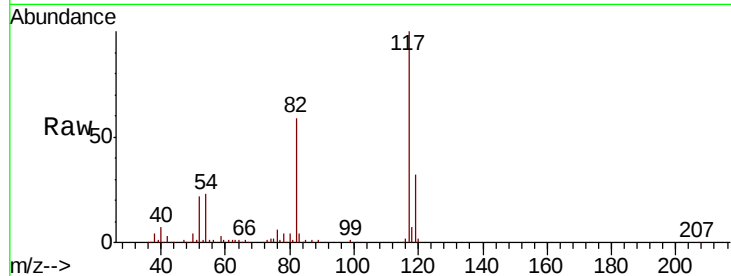




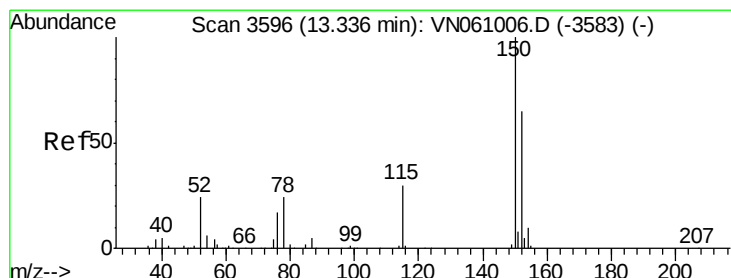
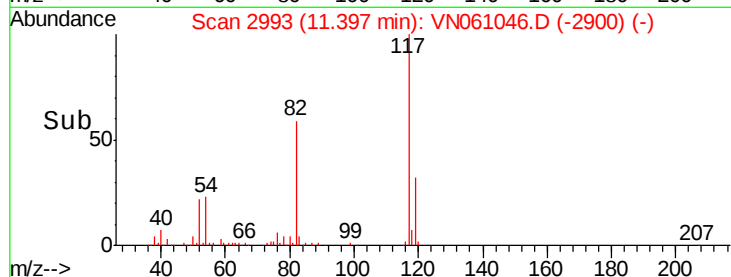
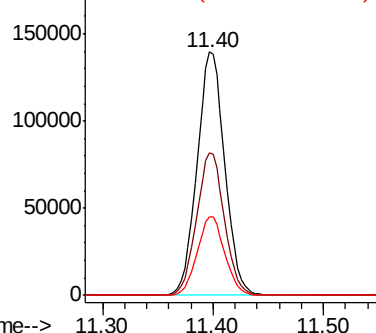
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2993
Delta R.T. 0.00 min
Lab File: VN061046.D
Acq: 17 Apr 2020 13:29

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

Tot Ion:117 Resp: 242438
Ion Ratio Lower Upper
117 100
82 58.7 47.1 70.7
119 32.2 25.7 38.5

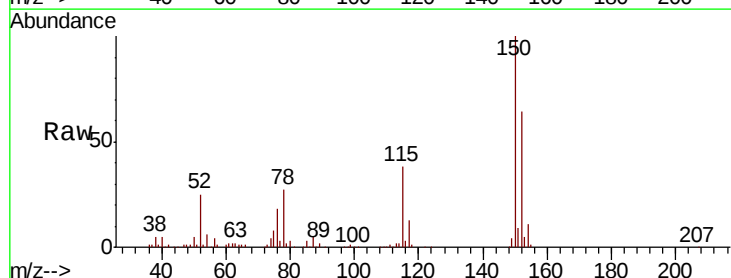


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

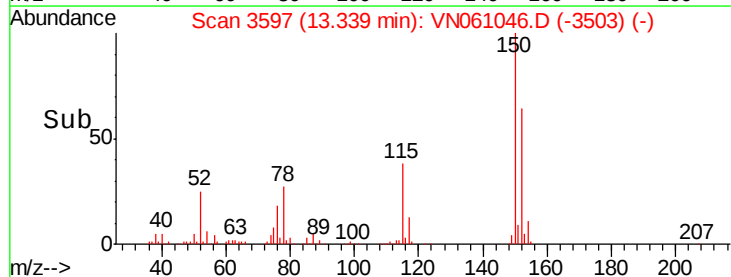
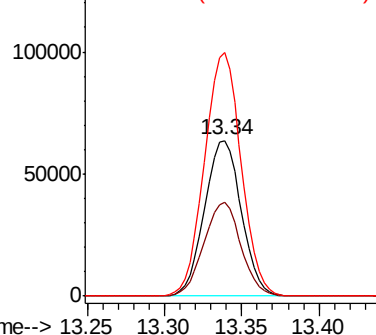


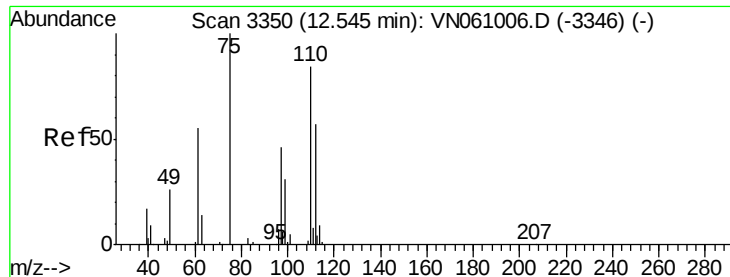
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN061046.D
Acq: 17 Apr 2020 13:29

Tgt Ion:152 Resp: 105578
Ion Ratio Lower Upper
152 100
115 60.2 30.8 92.4
150 155.6 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: 26.002 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. -0.15 min

Lab File: VN061046.D

Acq: 17 Apr 2020 13:29

Instrument :

MSVOA_N

ClientSampleId :

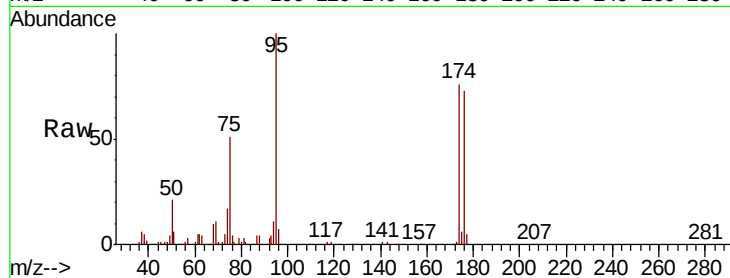
STORAGE-BLANK-SAMPLE-MANA

Tot Ion: 75 Resp: 60384

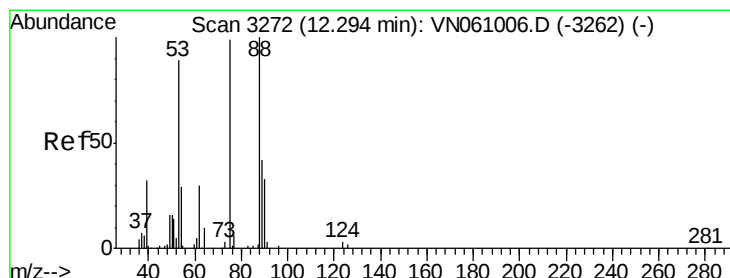
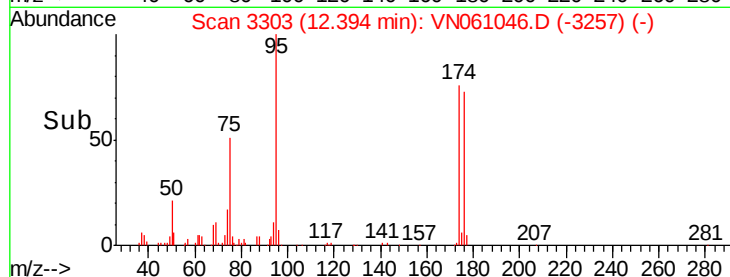
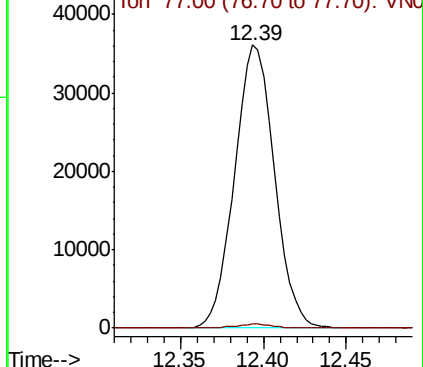
Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN061046.D (-3303) (-)



#81

trans-1,4-Dichloro-2-butene

Concen: 64.136 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. 0.10 min

Lab File: VN061046.D

Acq: 17 Apr 2020 13:29

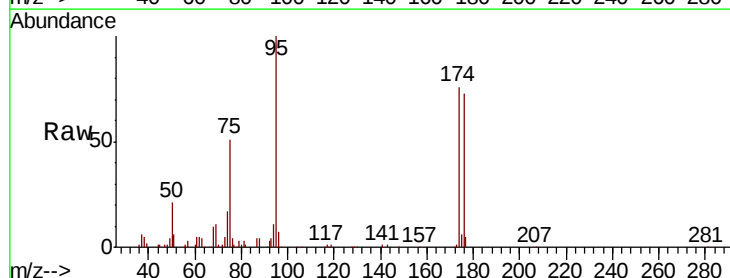
Tgt Ion: 75 Resp: 60384

Ion Ratio Lower Upper

75 100

53 0.0 74.7 112.1#

89 0.0 34.6 52.0#



Abundance Ion 74.90 (74.60 to 75.60): VN061046.D (-3303) (-)

