

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041720\
 Data File : VN061071.D
 Acq On : 17 Apr 2020 23:42
 Operator : JC/MD
 Sample : L2334-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 20 01:39:27 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

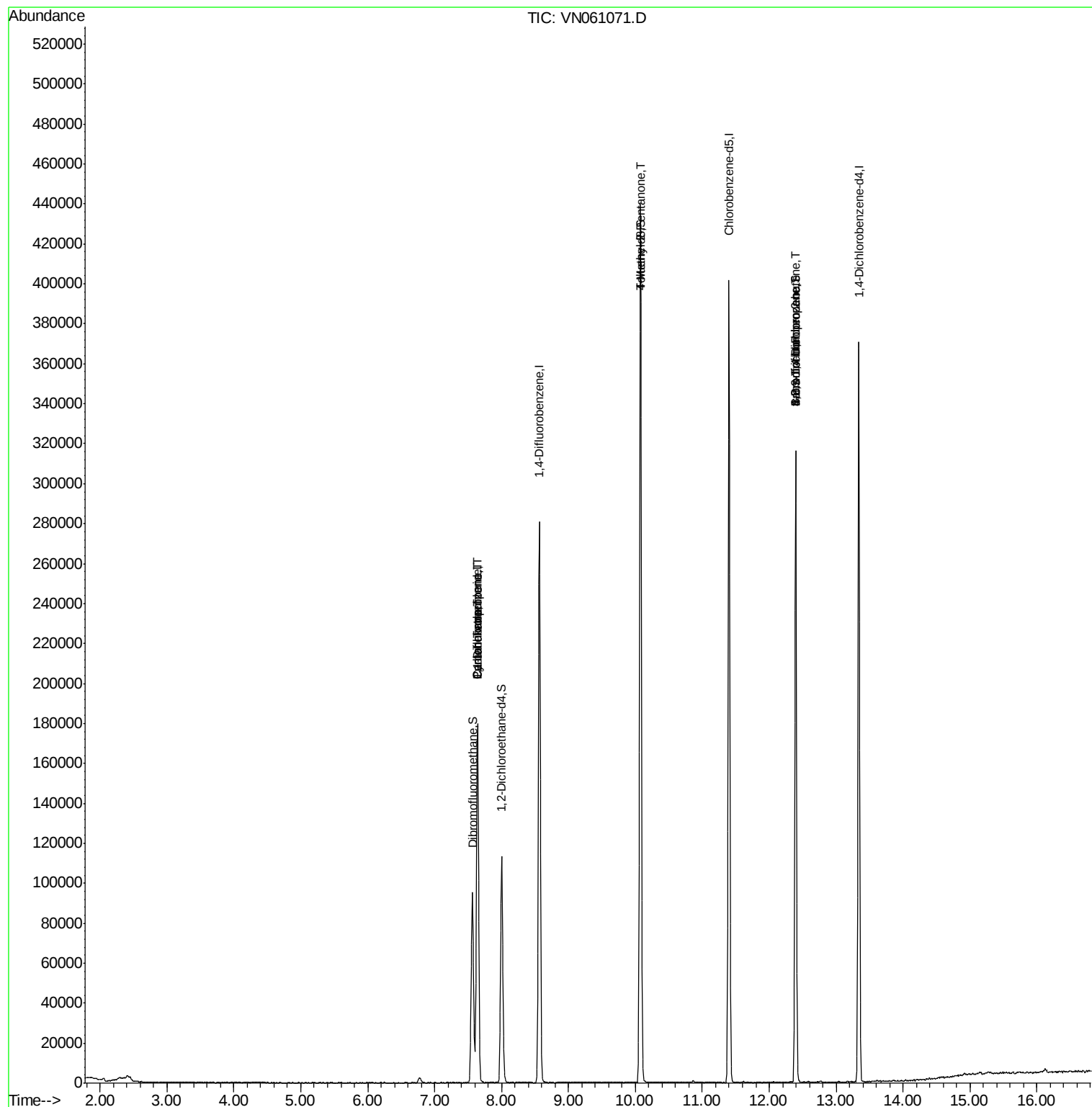
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	143151	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	245309	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	227463	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	97352	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	97761	53.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.76%	
35) Dibromofluoromethane	7.56	113	73243	51.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.26%	
50) Toluene-d8	10.08	98	303636	56.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.18%	
62) 4-Bromofluorobenzene	12.39	95	109821	51.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.52%	
Target Compounds						
					Qvalue	
31) Cyclohexane	7.64	56	3304	0.968	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	11463	4.528	ug/l #	49
38) Carbon Tetrachloride	7.64	117	14316	6.794	ug/l #	15
51) 4-Methyl-2-Pentanone	10.08	43	1322	0.513	ug/l #	1
71) Bromoform	12.39	173	749	0.597	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	56482	26.377	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	56482	65.061	ug/l #	12

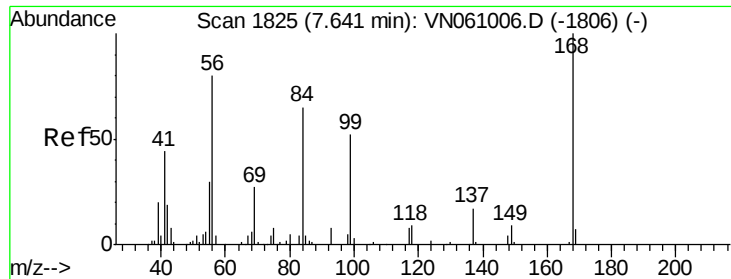
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N041620W.M
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: VN061071.D

Acq: 17 Apr 2020 23:42

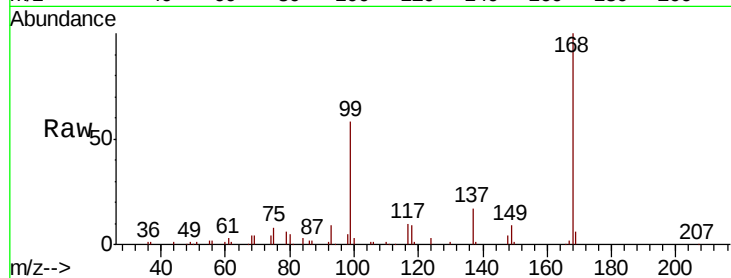
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 143151

Ion Ratio Lower Upper

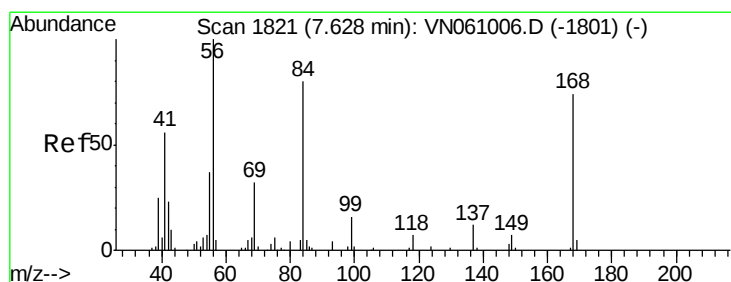
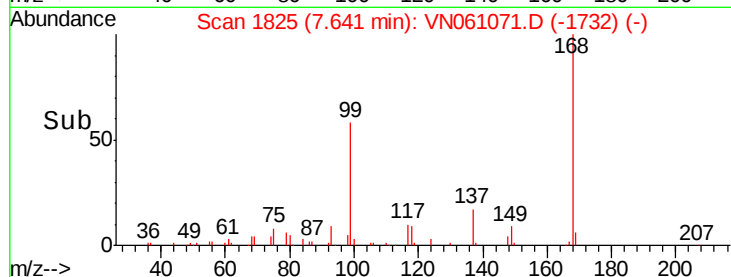
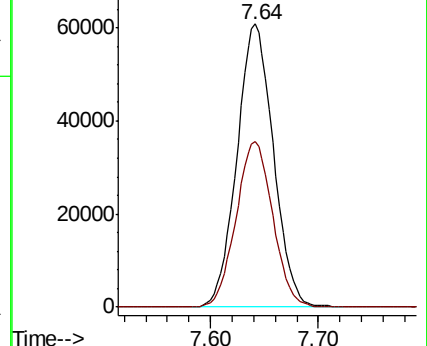
168 100

99 58.3 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#31

Cyclohexane

Concen: 0.968 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. 0.01 min

Lab File: VN061071.D

Acq: 17 Apr 2020 23:42

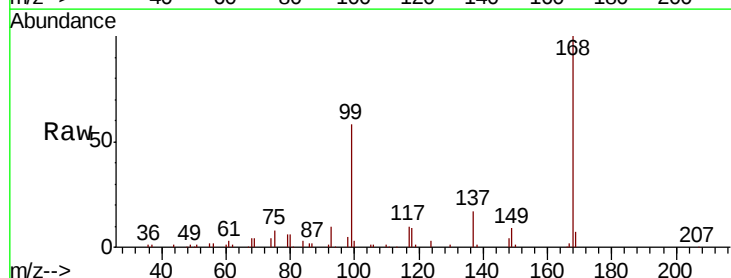
Tgt Ion: 56 Resp: 3304

Ion Ratio Lower Upper

56 100

69 170.0 25.6 38.4#

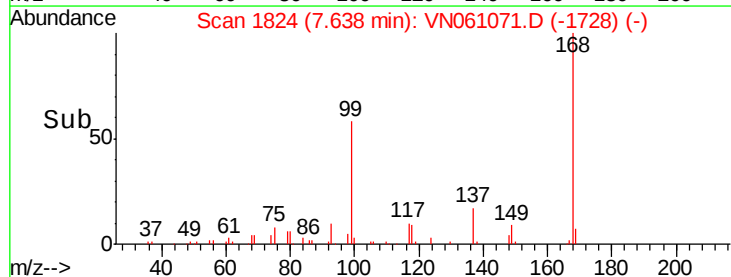
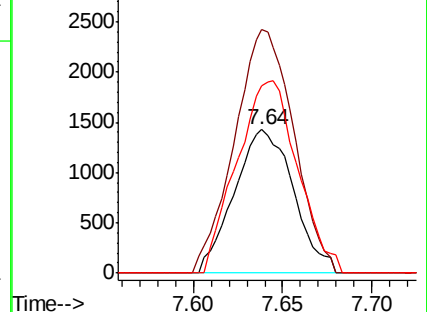
84 131.2 63.4 95.2#

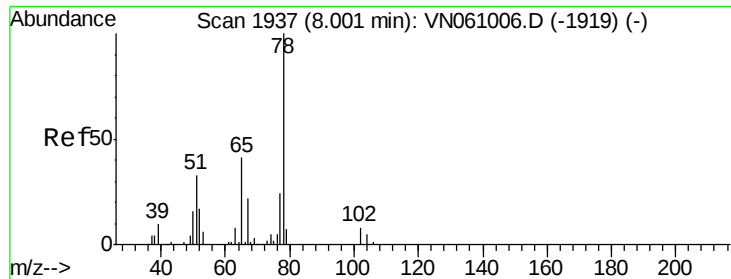


Abundance Ion 56.00 (55.70 to 56.70): VNO

Ion 69.00 (68.70 to 69.70): VNO

Ion 84.00 (83.70 to 84.70): VNO





#33

1,2-Dichloroethane-d4

Concen: 53.377 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VN061071.D

Acq: 17 Apr 2020 23:42

Instrument :

MSVOA_N

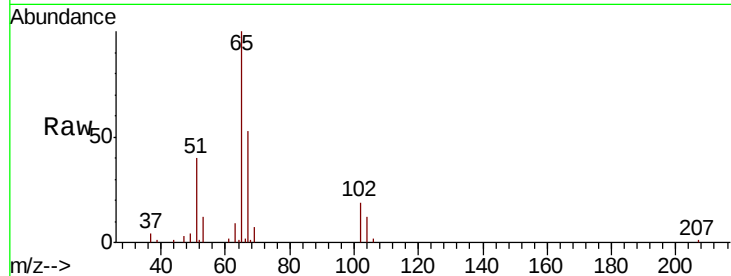
ClientSampleId :

Tot Ion: 65 Resp: 97761

Ion Ratio Lower Upper

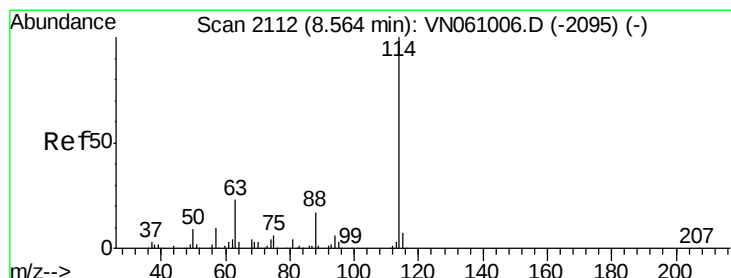
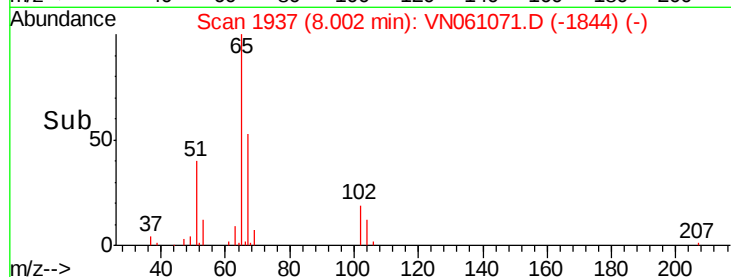
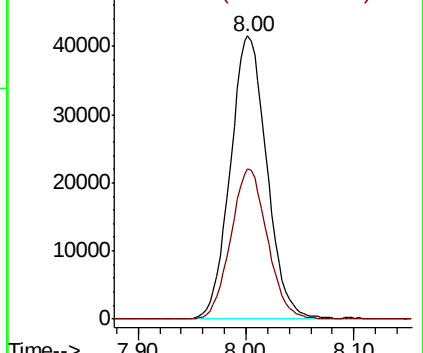
65 100

67 53.0 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VN061006.D (-1919) (-)

Ion 66.90 (66.60 to 67.60): VN061006.D (-1919) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.56 min Scan# 2112

Delta R.T. 0.00 min

Lab File: VN061071.D

Acq: 17 Apr 2020 23:42

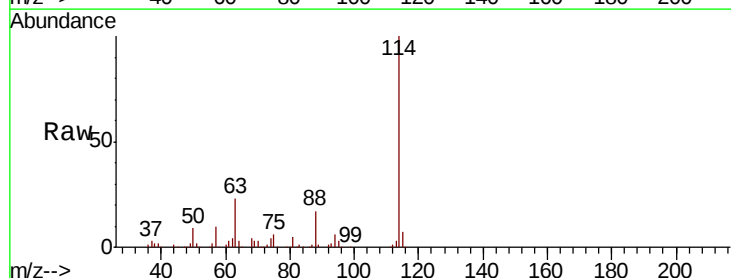
Tgt Ion: 114 Resp: 245309

Ion Ratio Lower Upper

114 100

63 23.2 0.0 46.2

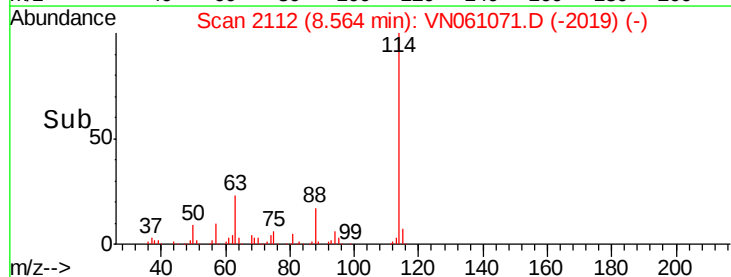
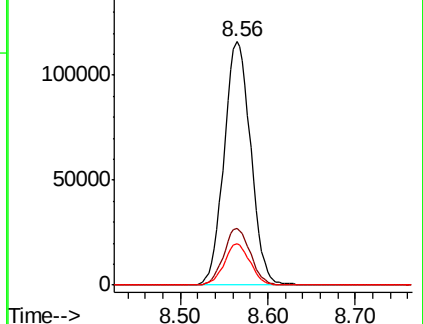
88 16.8 0.0 33.4

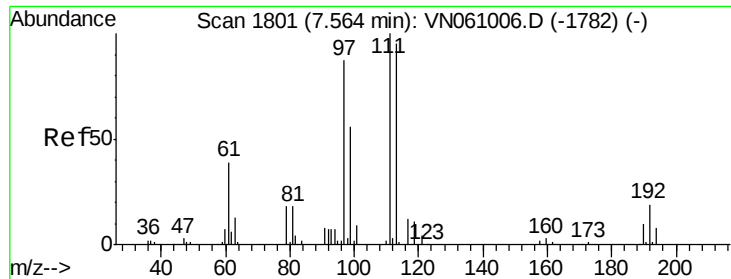


Abundance Ion 113.90 (113.60 to 114.60): VN061006.D (-2095) (-)

Ion 63.00 (62.70 to 63.70): VN061006.D (-2095) (-)

Ion 87.90 (87.60 to 88.60): VN061006.D (-2095) (-)

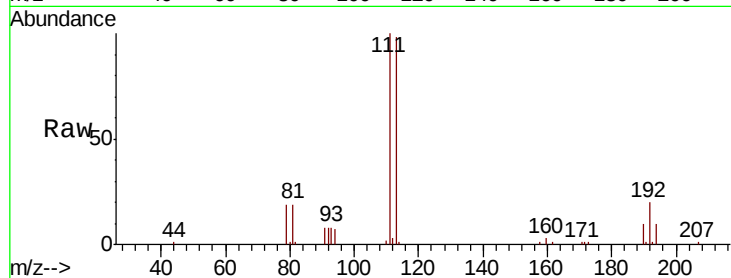




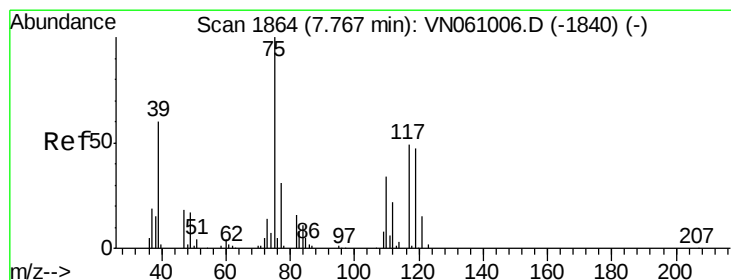
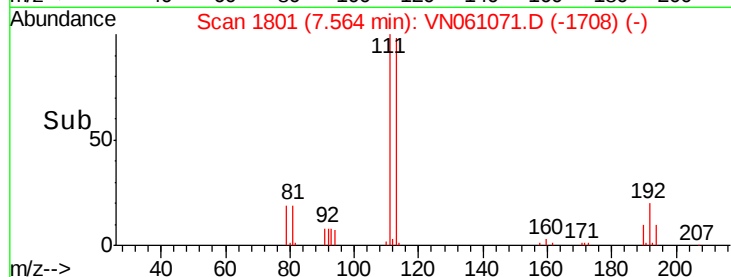
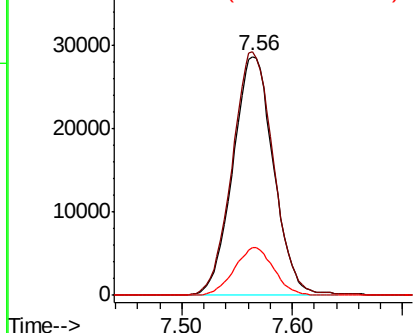
#35
 Dibromofluoromethane
 Concen: 51.127 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: VN061071.D
 Acq: 17 Apr 2020 23:42

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:113 Resp: 73243
 Ion Ratio Lower Upper
 113 100
 111 103.1 83.4 125.2
 192 19.5 15.5 23.3

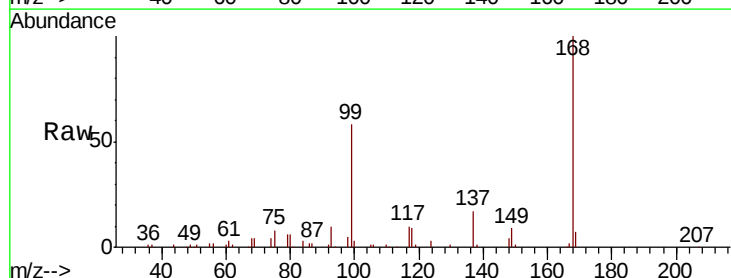


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

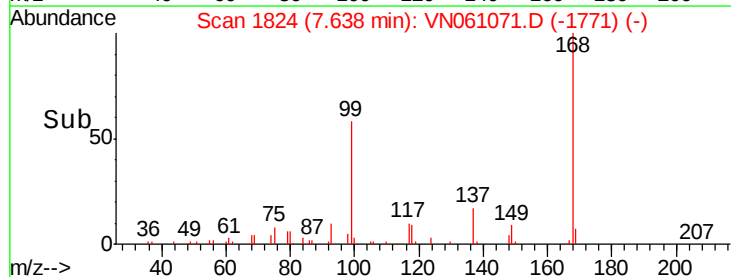
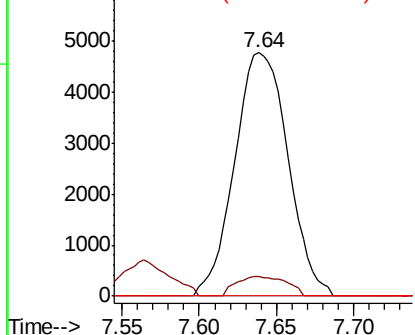


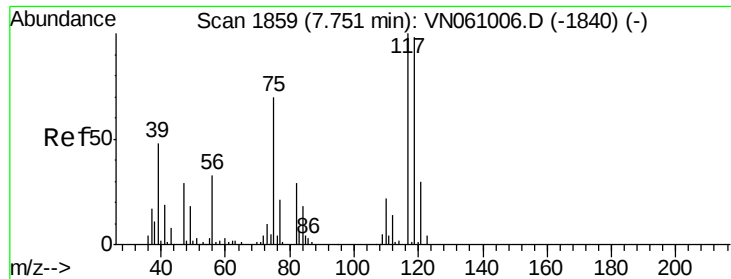
#36
 1,1-Dichloropropene
 Concen: 4.528 ug/l
 RT: 7.64 min Scan# 1824
 Delta R.T. -0.13 min
 Lab File: VN061071.D
 Acq: 17 Apr 2020 23:42

Tgt Ion: 75 Resp: 11463
 Ion Ratio Lower Upper
 75 100
 110 7.5 16.8 50.3#
 77 0.0 24.7 37.1#



Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VN0





#38

Carbon Tetrachloride

Concen: 6.794 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.11 min

Lab File: VN061071.D

Acq: 17 Apr 2020 23:42

Instrument :

MSVOA_N

ClientSampled :

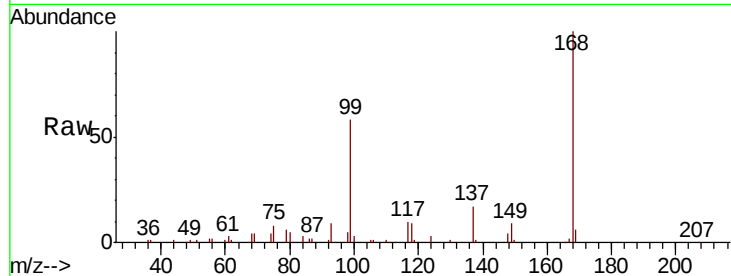
Tot Ion:117 Resp: 14316

Ion Ratio Lower Upper

117 100

119 4.9 78.1 117.1#

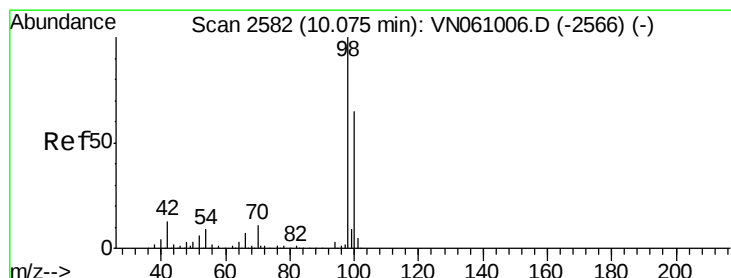
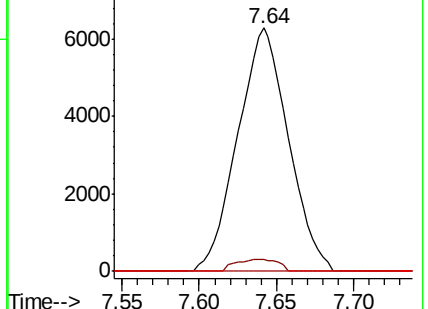
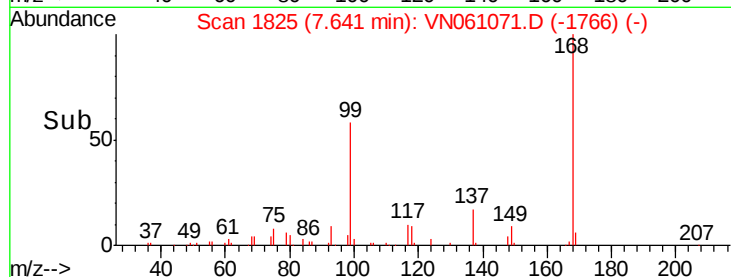
121 0.0 24.0 36.0#



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: 56.090 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. 0.00 min

Lab File: VN061071.D

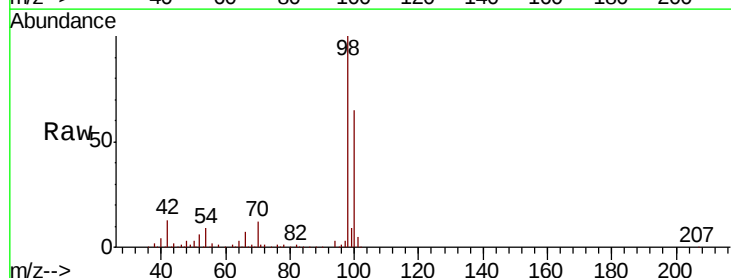
Acq: 17 Apr 2020 23:42

Tgt Ion: 98 Resp: 303636

Ion Ratio Lower Upper

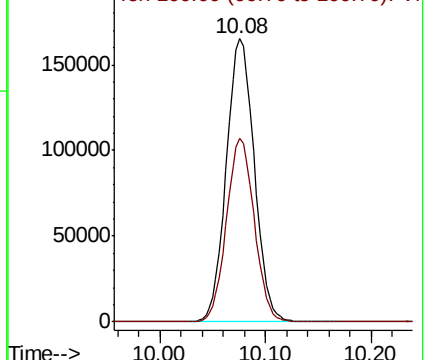
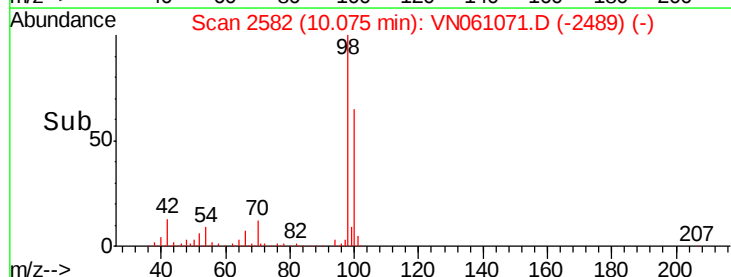
98 100

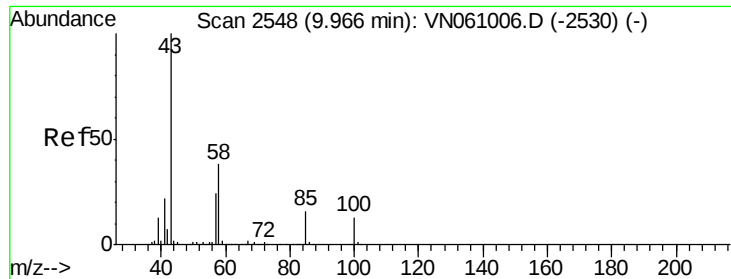
100 64.3 51.9 77.9



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: 0.513 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. 0.11 min

Lab File: VN061071.D

Acq: 17 Apr 2020 23:42

Instrument :

MSVOA_N

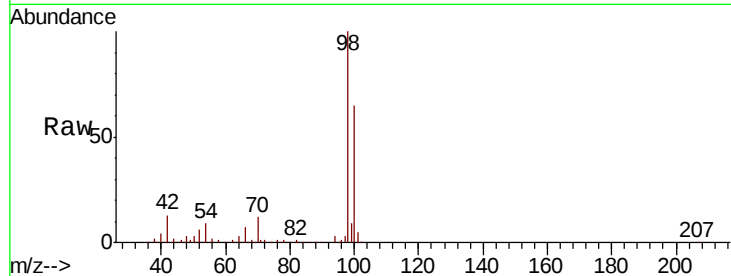
ClientSampleId :

Tot Ion: 43 Resp: 1322

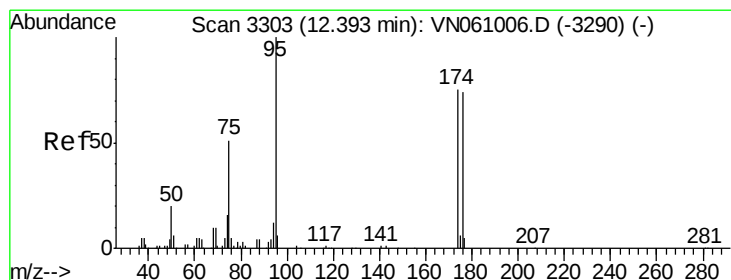
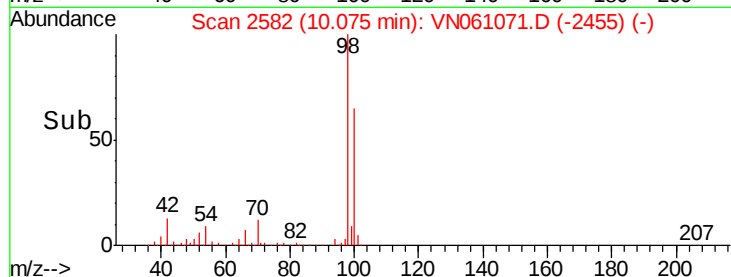
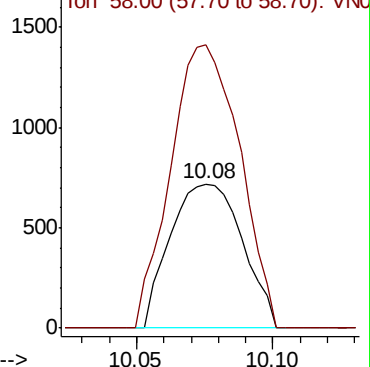
Ion Ratio Lower Upper

43 100

58 187.7 30.3 45.5#



Abundance Ion 43.00 (42.70 to 43.70): VN061006.D (-2530) (-)



#62

4-Bromofluorobenzene

Concen: 51.761 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. 0.00 min

Lab File: VN061071.D

Acq: 17 Apr 2020 23:42

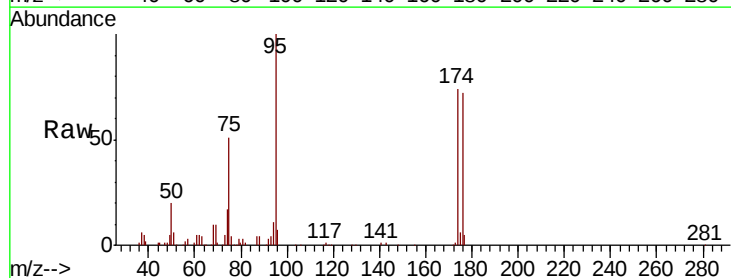
Tgt Ion: 95 Resp: 109821

Ion Ratio Lower Upper

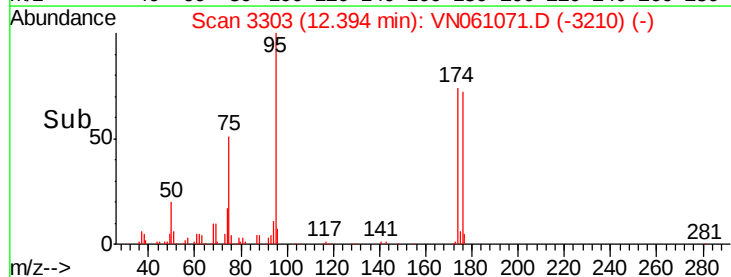
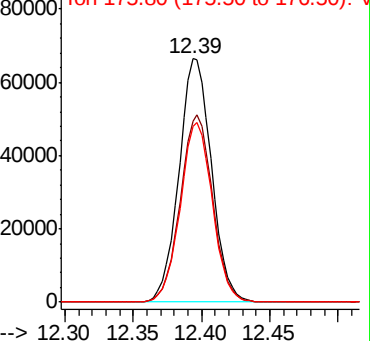
95 100

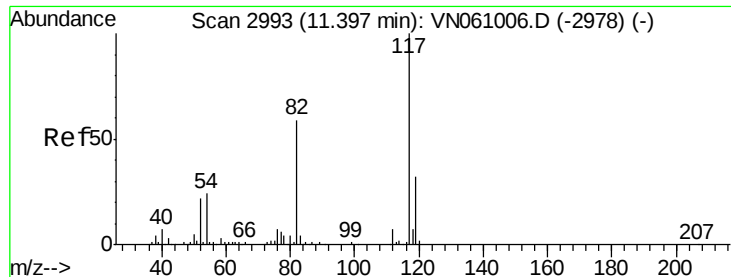
174 76.5 0.0 151.2

176 72.9 0.0 148.2



Abundance Ion 94.90 (94.60 to 95.60): VN061006.D (-3290) (-)

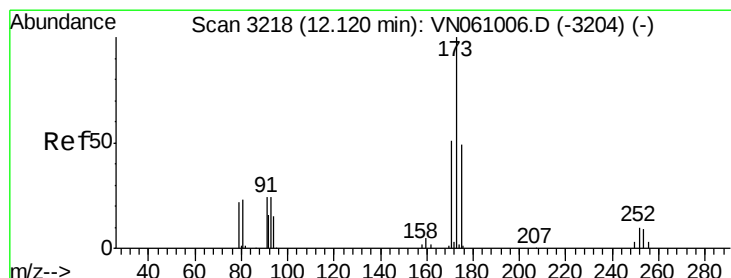
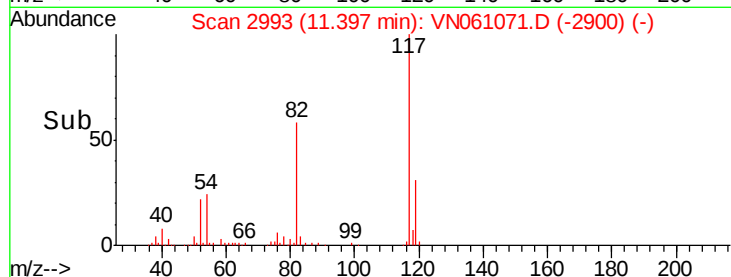
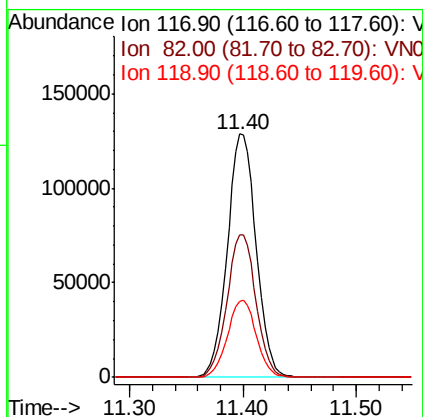
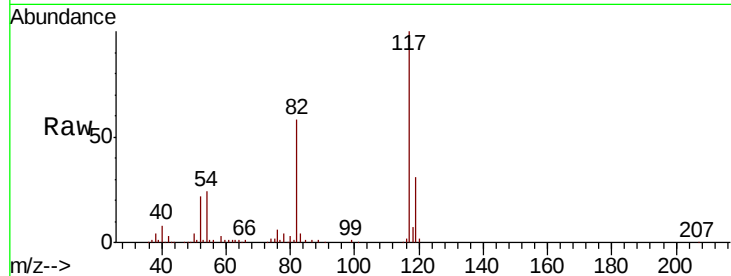




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2993
Delta R.T. 0.00 min
Lab File: VN061071.D
Acq: 17 Apr 2020 23:42

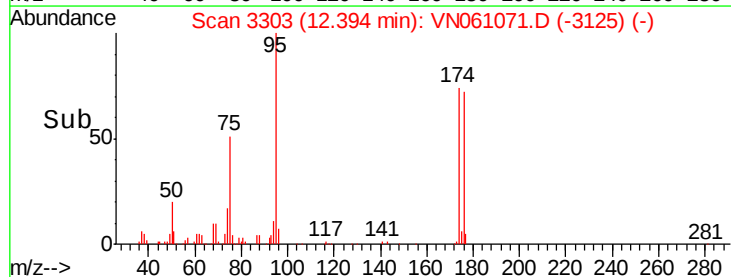
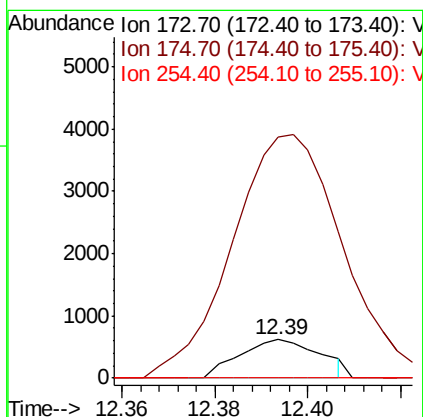
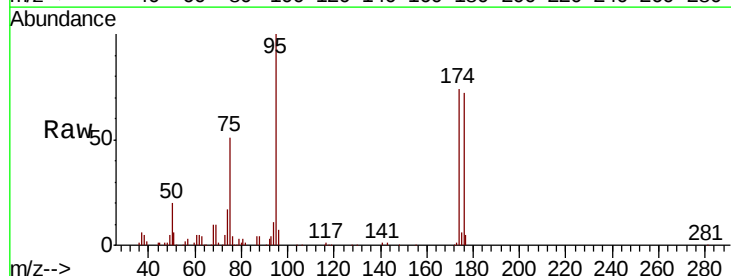
Instrument :
MSVOA_N
ClientSampleId :

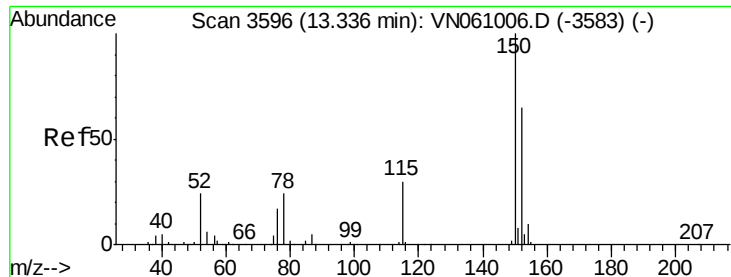
Tot Ion:117 Resp: 227463
Ion Ratio Lower Upper
117 100
82 58.4 47.1 70.7
119 31.4 25.7 38.5



#71
Bromoform
Concen: 0.597 ug/l
RT: 12.39 min Scan# 3303
Delta R.T. 0.27 min
Lab File: VN061071.D
Acq: 17 Apr 2020 23:42

Tgt Ion:173 Resp: 749
Ion Ratio Lower Upper
173 100
175 752.5 24.5 73.5#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN061071.D

Acq: 17 Apr 2020 23:42

Instrument :

MSVOA_N

ClientSampleId :

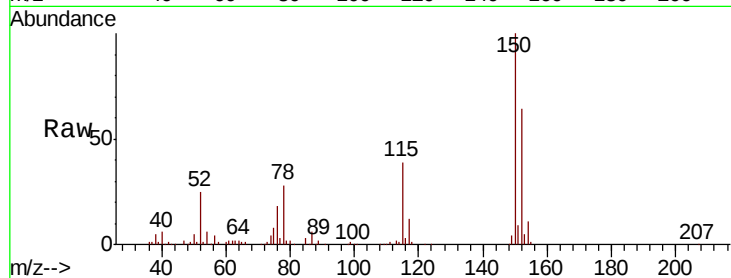
Tot Ion:152 Resp: 97352

Ion Ratio Lower Upper

152 100

115 60.6 30.8 92.4

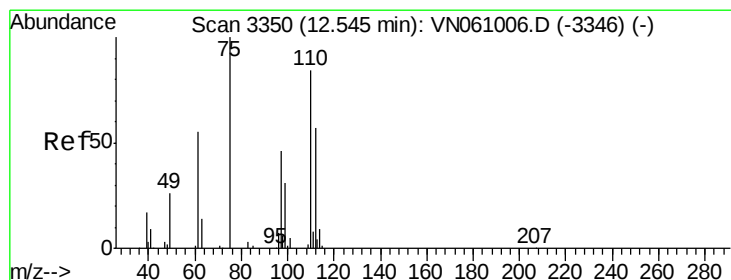
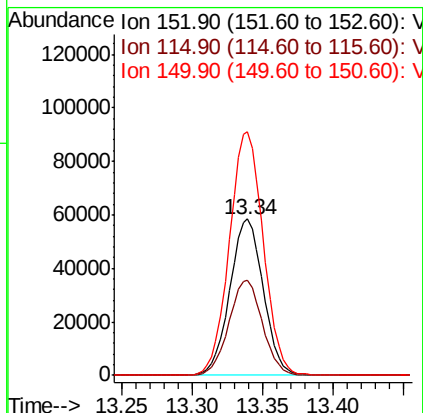
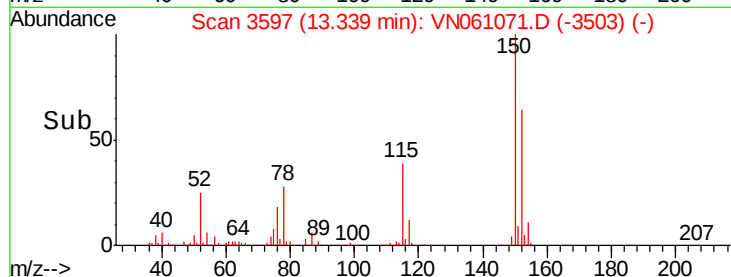
150 156.9 0.0 349.0



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: 26.377 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.15 min

Lab File: VN061071.D

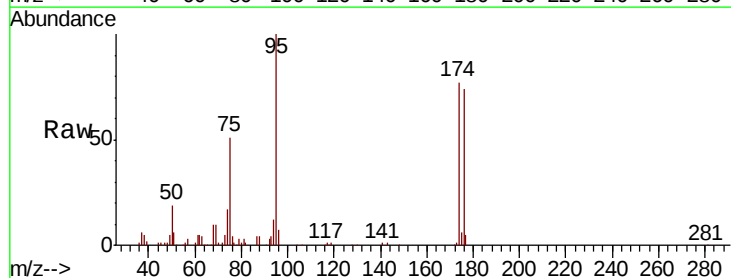
Acq: 17 Apr 2020 23:42

Tgt Ion: 75 Resp: 56482

Ion Ratio Lower Upper

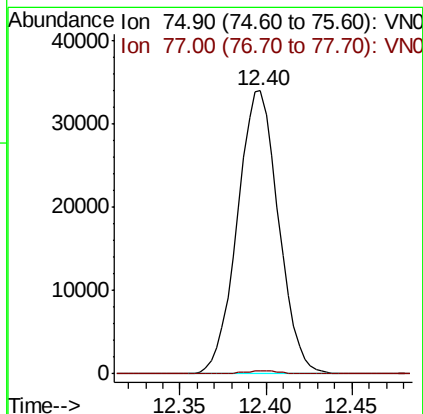
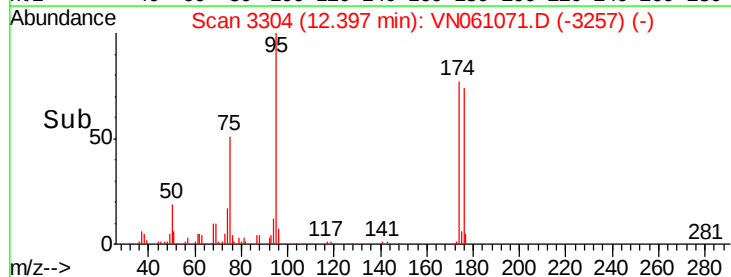
75 100

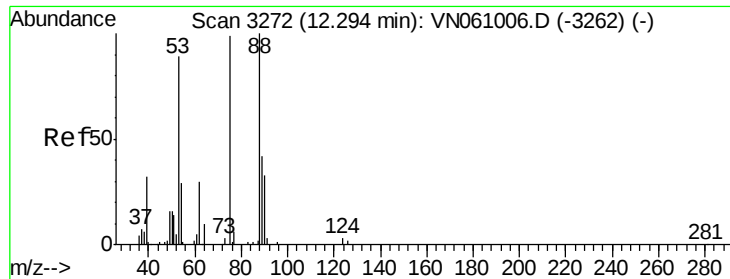
77 0.8 0.0 0.0#



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: 65.061 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.10 min
 Lab File: VN061071.D
 Acq: 17 Apr 2020 23:42

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 75 Resp: 56482
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.7 112.1#
 89 0.0 34.6 52.0#

