

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041720\
 Data File : VN061053.D
 Acq On : 17 Apr 2020 16:08
 Operator : JC/MD
 Sample : L2337-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 20 01:32:31 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

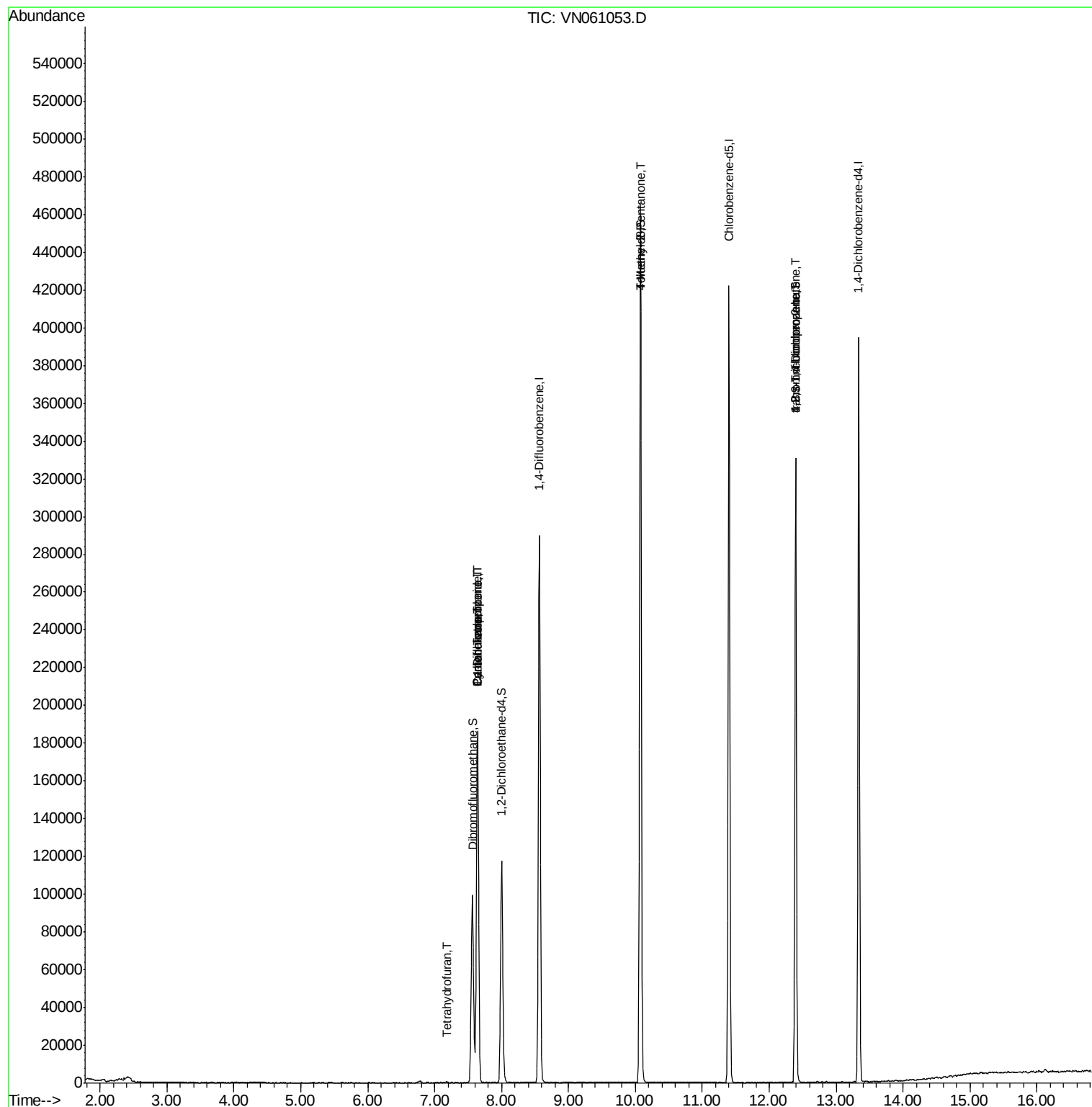
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	149863	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	253541	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	236820	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	101519	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	101201	52.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.56%	
35) Dibromofluoromethane	7.56	113	76273	51.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.02%	
50) Toluene-d8	10.08	98	315872	56.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.92%	
62) 4-Bromofluorobenzene	12.39	95	116219	53.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.00%	
Target Compounds						
					Qvalue	
29) Tetrahydrofuran	7.18	42	246	0.280	ug/l #	36
31) Cyclohexane	7.64	56	3185	0.892	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	11827	4.520	ug/l #	49
38) Carbon Tetrachloride	7.64	117	14497	6.657	ug/l #	15
51) 4-Methyl-2-Pentanone	10.07	43	1484	0.557	ug/l #	1
76) 1,2,3-Trichloropropane	12.39	75	59559	26.672	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.39	75	59559	65.789	ug/l #	12

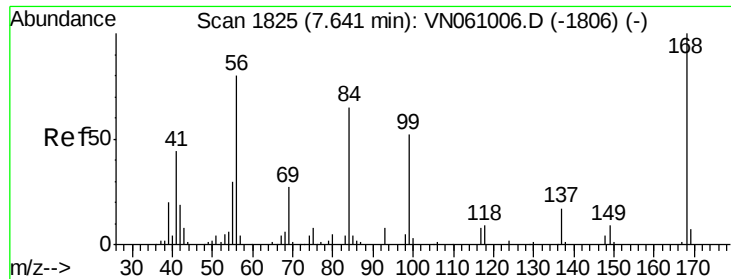
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN041720\
Data File : VN061053.D
Acq On : 17 Apr 2020 16:08
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Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Apr 20 01:32:31 2020
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: VN061053.D

Acq: 17 Apr 2020 16:08

Instrument :

MSVOA_N

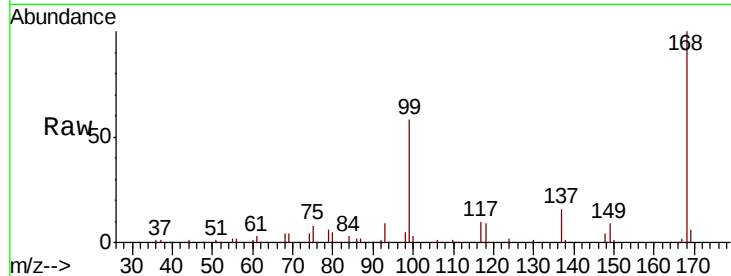
ClientSampleId :

Tot Ion:168 Resp: 149863

Ion Ratio Lower Upper

168 100

99 57.6 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

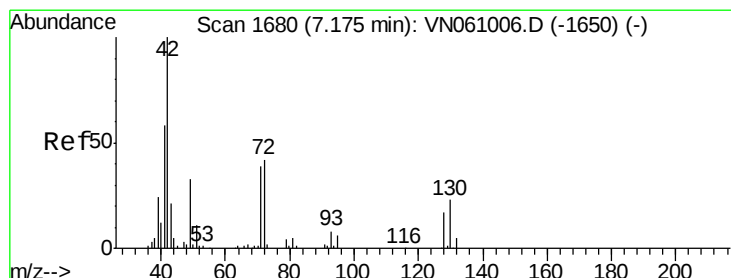
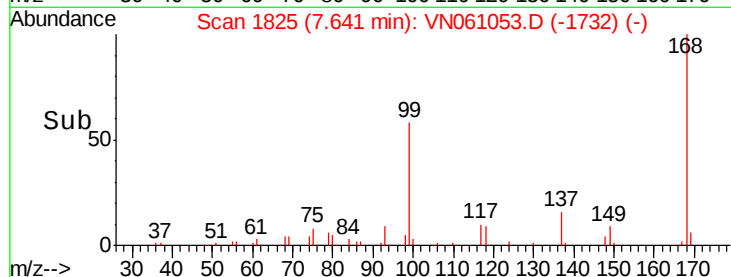
40000

20000

0

7.60 7.70

Time-->



#29

Tetrahydrofuran

Concen: 0.280 ug/l

RT: 7.18 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VN061053.D

Acq: 17 Apr 2020 16:08

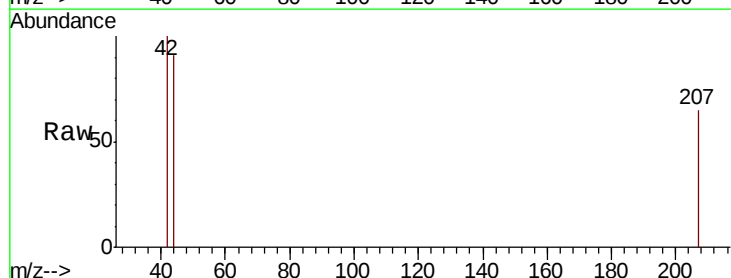
Tgt Ion: 42 Resp: 246

Ion Ratio Lower Upper

42 100

72 0.0 32.1 48.1#

71 0.0 30.5 45.7#



Abundance Ion 42.00 (41.70 to 42.70): VN061006.D (-1650) (-)

Ion 72.00 (71.70 to 72.70): VN061006.D (-1650) (-)

Ion 71.00 (70.70 to 71.70): VN061006.D (-1650) (-)

7.18

300

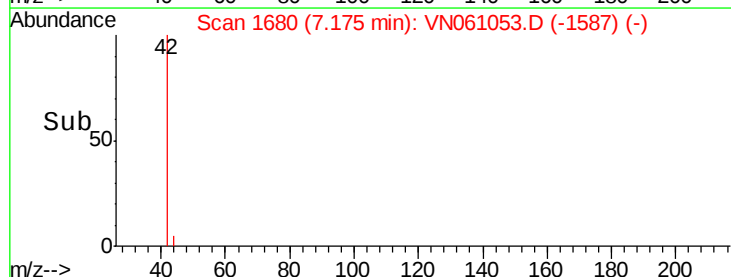
200

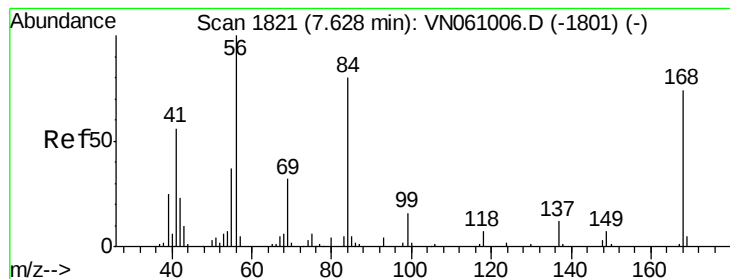
100

0

7.15 7.16 7.17 7.18

Time-->





#31

Cyclohexane

Concen: 0.892 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. 0.01 min

Lab File: VN061053.D

Acq: 17 Apr 2020 16:08

Instrument :

MSVOA_N

ClientSampleId :

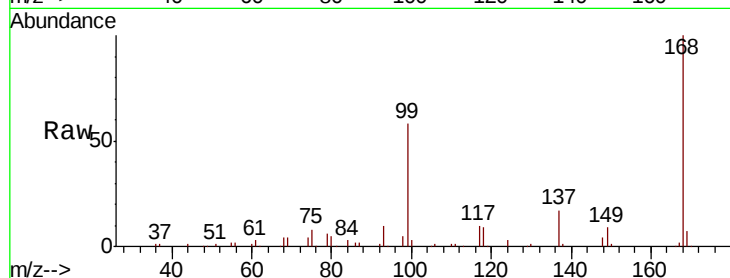
Tot Ion: 56 Resp: 3185

Ion Ratio Lower Upper

56 100

69 195.0 25.6 38.4#

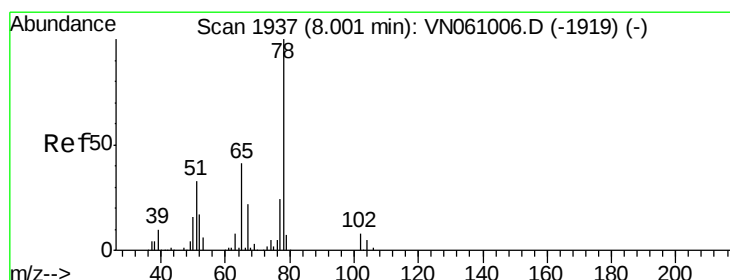
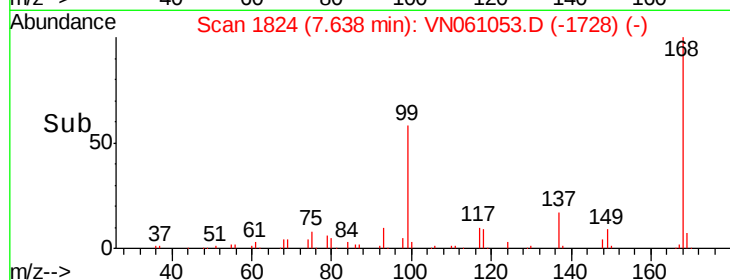
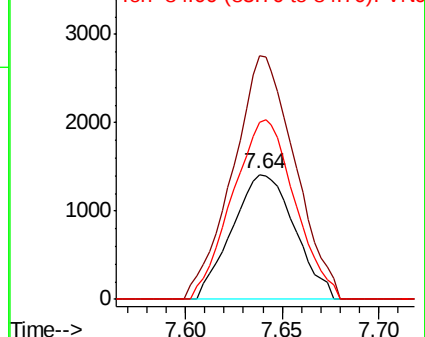
84 141.9 63.4 95.2#



Abundance Ion 56.00 (55.70 to 56.70): VN061006.D (-1801) (-)

Ion 69.00 (68.70 to 69.70): VN061006.D (-1801) (-)

Ion 84.00 (83.70 to 84.70): VN061006.D (-1801) (-)



#33

1,2-Dichloroethane-d4

Concen: 52.780 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VN061053.D

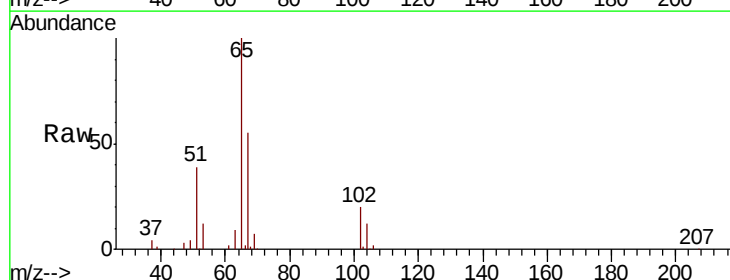
Acq: 17 Apr 2020 16:08

Tgt Ion: 65 Resp: 101201

Ion Ratio Lower Upper

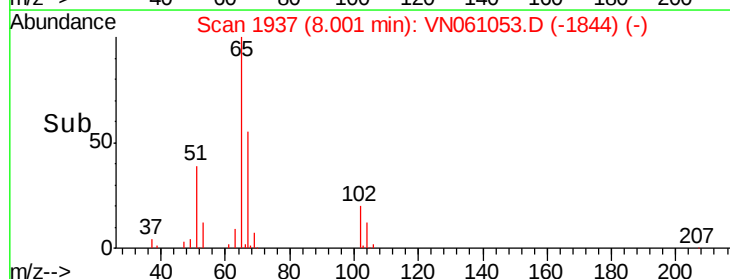
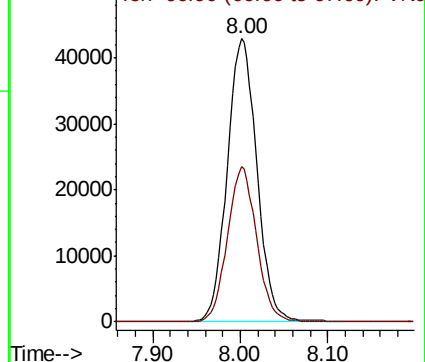
65 100

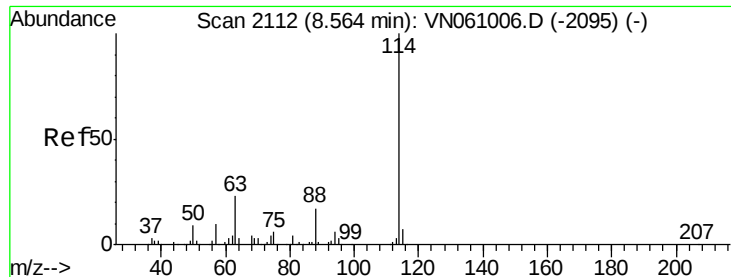
67 53.5 0.0 107.0



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

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

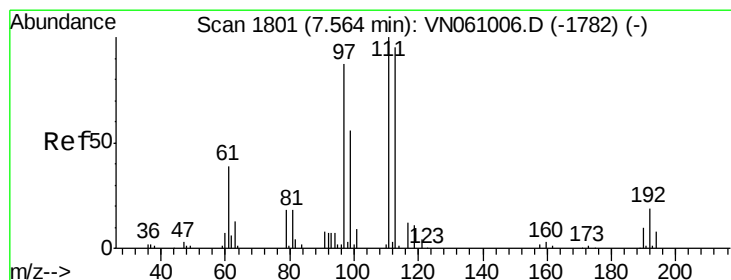
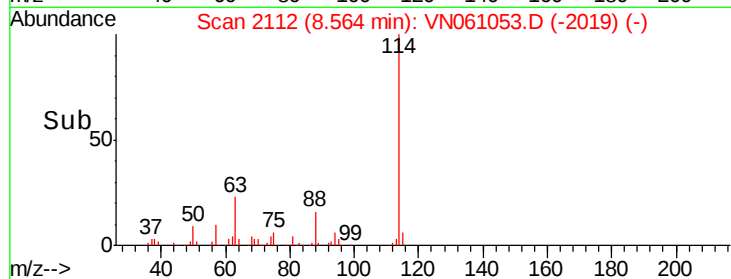
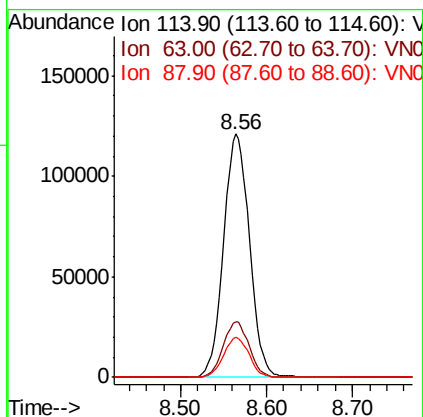
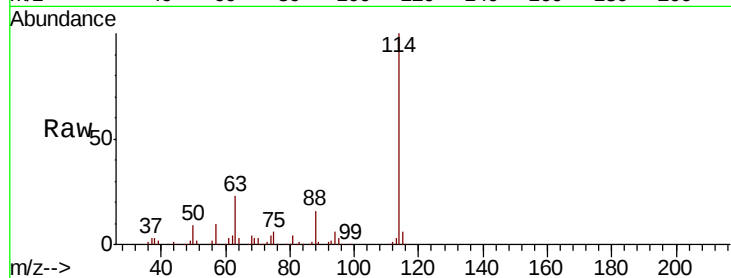




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. 0.00 min
 Lab File: VN061053.D
 Acq: 17 Apr 2020 16:08

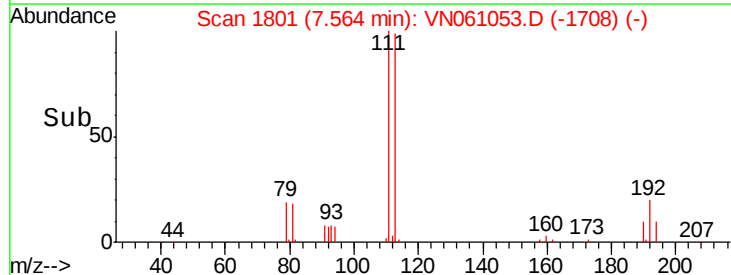
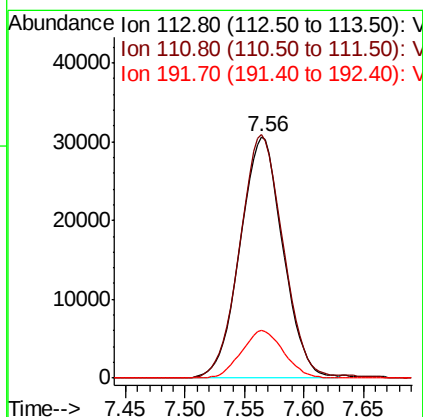
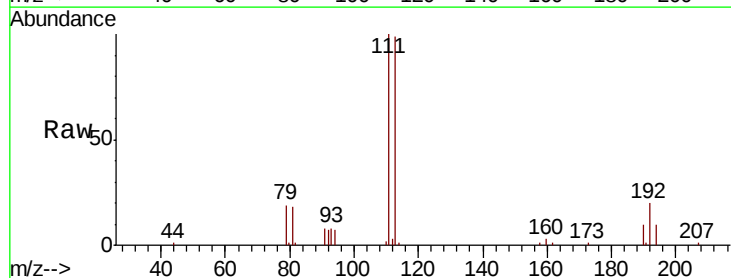
Instrument :
 MSVOA_N
 ClientSampleId :

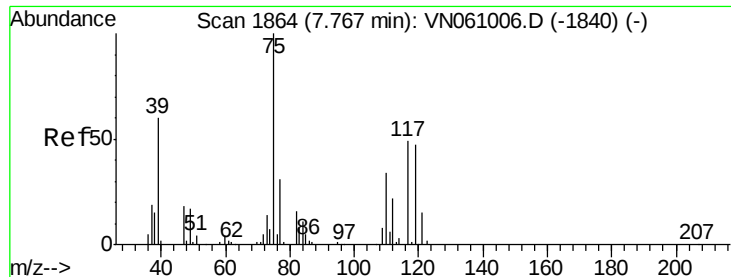
Tot Ion	Ratio	Lower	Upper
114	100		
63	23.0	0.0	46.2
88	16.2	0.0	33.4



#35
 Dibromofluoromethane
 Concen: 51.513 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: VN061053.D
 Acq: 17 Apr 2020 16:08

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	83.4	125.2
192	19.6	15.5	23.3

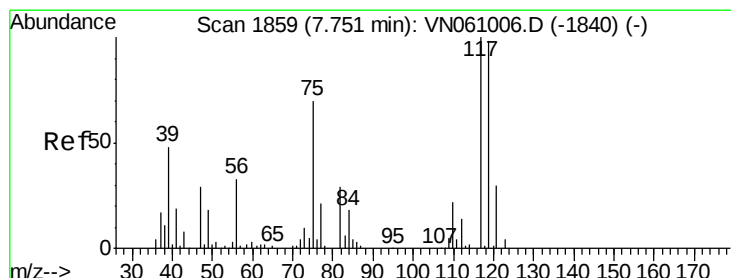
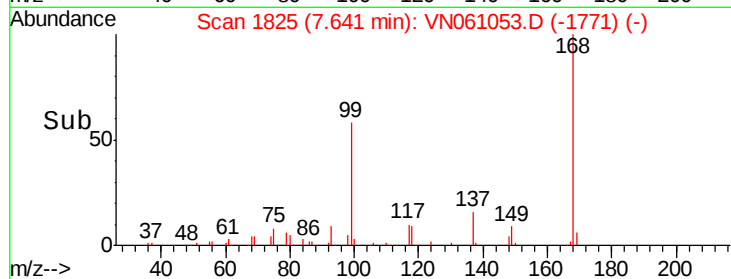
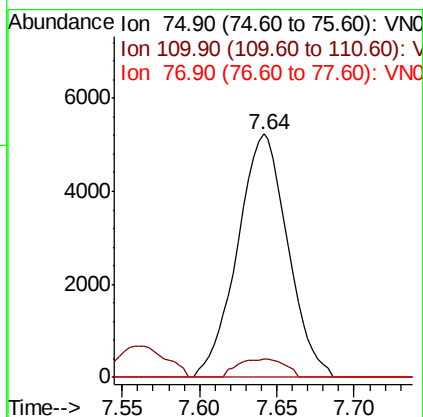
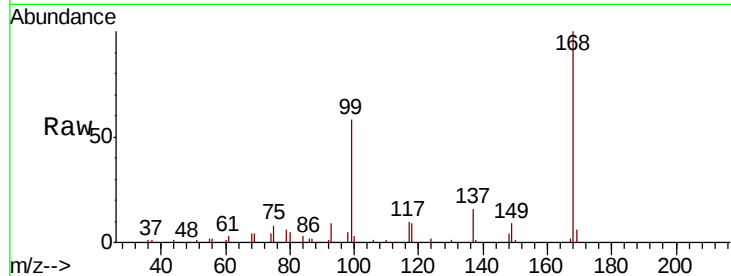




#36
 1,1-Dichloropropene
 Concen: 4.520 ug/l
 RT: 7.64 min Scan# 1825
 Delta R.T. -0.13 min
 Lab File: VN061053.D
 Acq: 17 Apr 2020 16:08

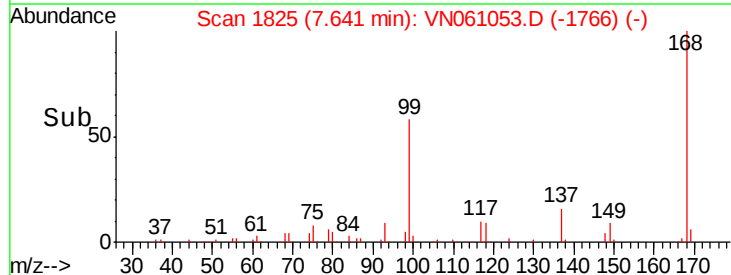
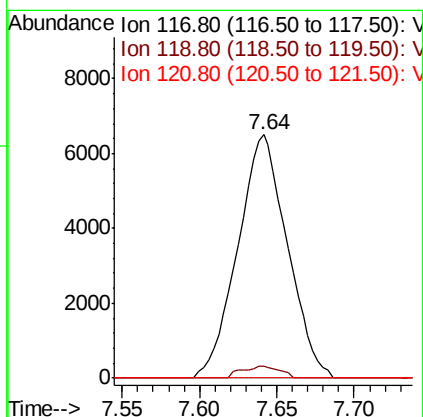
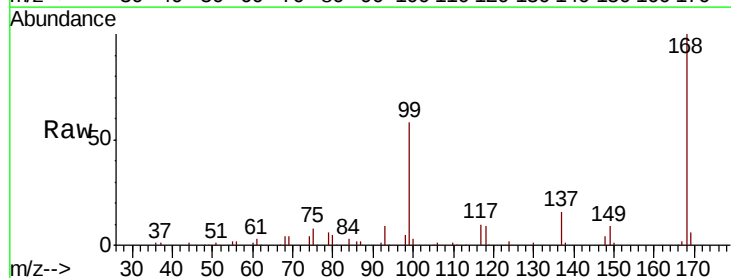
Instrument :
 MSVOA_N
 ClientSampleId :

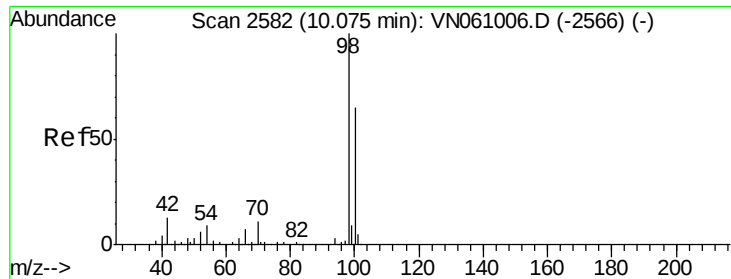
Tot Ion	Ratio	Lower	Upper
75	100		
110	6.9	16.8	50.3#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 6.657 ug/l
 RT: 7.64 min Scan# 1825
 Delta R.T. -0.11 min
 Lab File: VN061053.D
 Acq: 17 Apr 2020 16:08

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.8	78.1	117.1#
121	0.0	24.0	36.0#

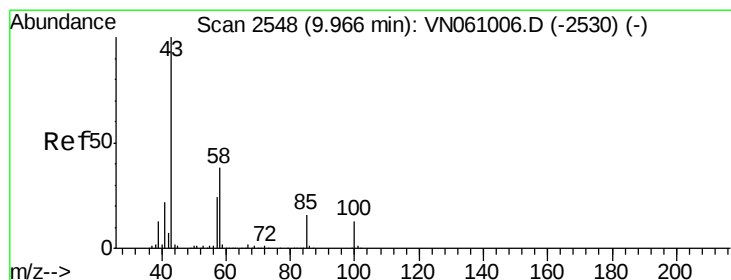
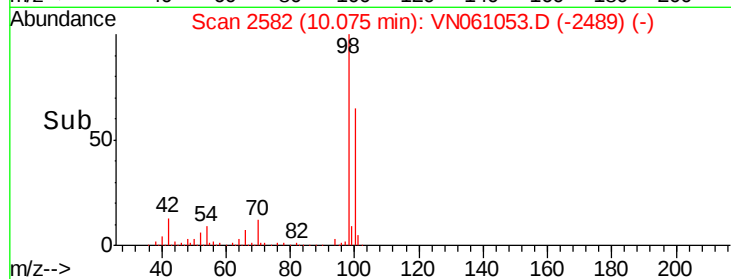
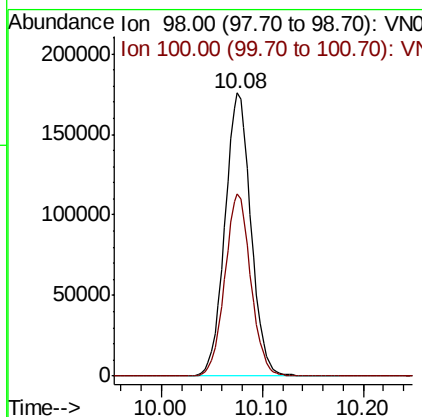
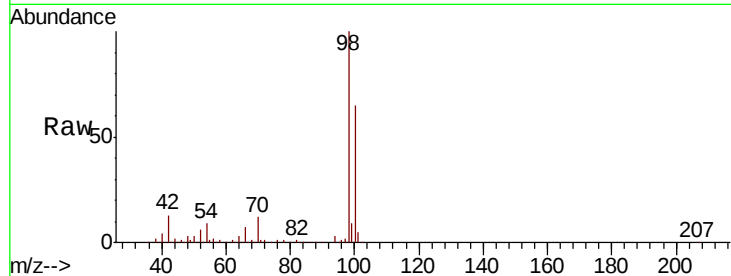




#50
Toluene-d8
Concen: 56.455 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. 0.00 min
Lab File: VN061053.D
Acq: 17 Apr 2020 16:08

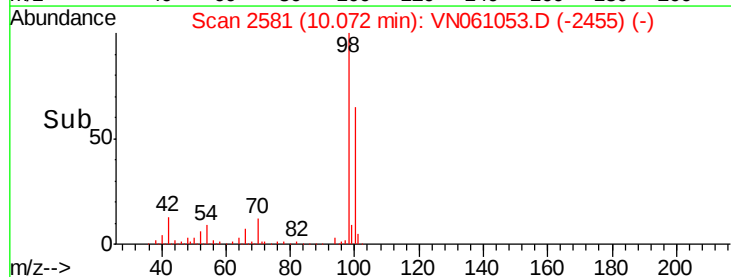
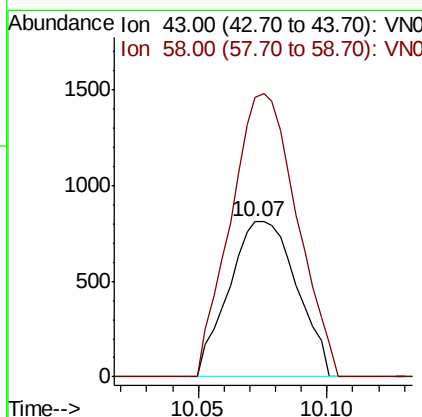
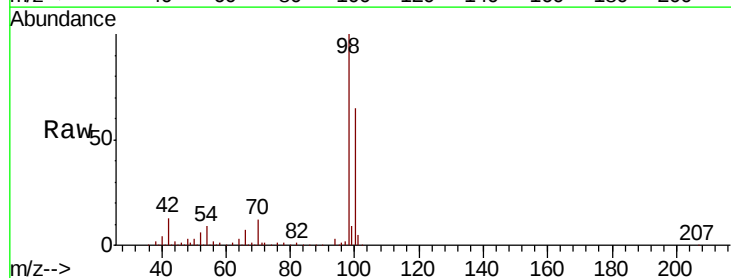
Instrument :
MSVOA_N
ClientSampleId :

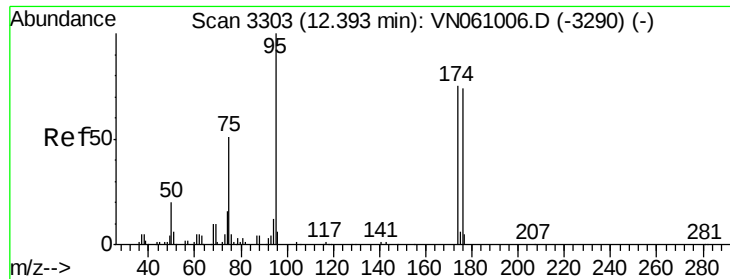
Tot Ion: 98 Resp: 315872
Ion Ratio Lower Upper
98 100
100 64.2 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.557 ug/l
RT: 10.07 min Scan# 2581
Delta R.T. 0.11 min
Lab File: VN061053.D
Acq: 17 Apr 2020 16:08

Tgt Ion: 43 Resp: 1484
Ion Ratio Lower Upper
43 100
58 177.6 30.3 45.5#





#62

4-Bromofluorobenzene

Concen: 52.999 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. 0.00 min

Lab File: VN061053.D

Acq: 17 Apr 2020 16:08

Instrument :

MSVOA_N

ClientSampleId :

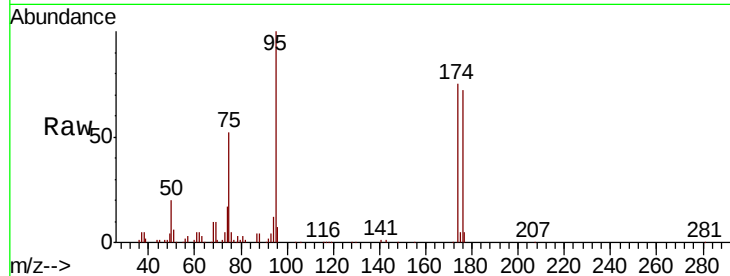
Tot Ion: 95 Resp: 116219

Ion Ratio Lower Upper

95 100

174 75.4 0.0 151.2

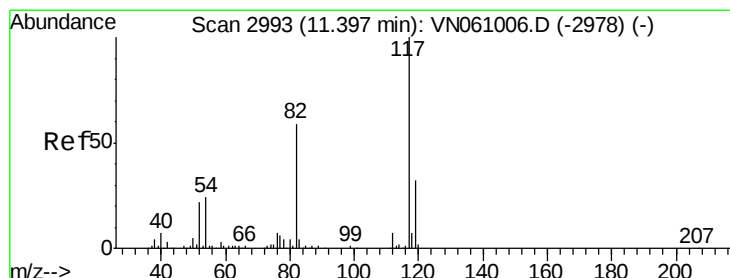
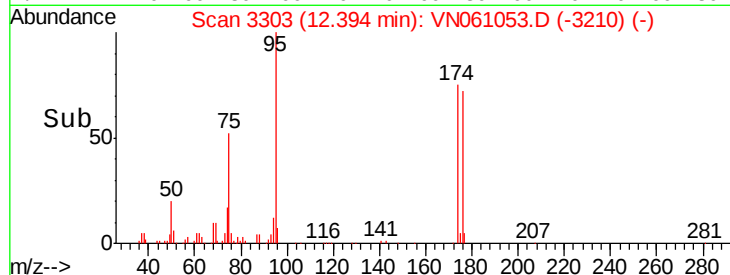
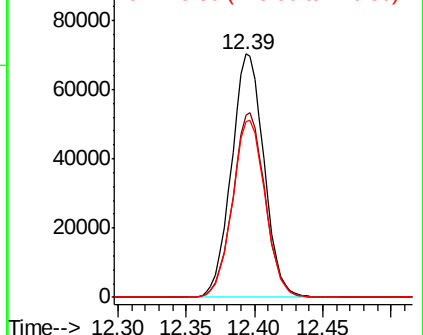
176 73.5 0.0 148.2



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

Ion 173.80 (173.50 to 174.50): VN061006.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN061006.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN061053.D

Acq: 17 Apr 2020 16:08

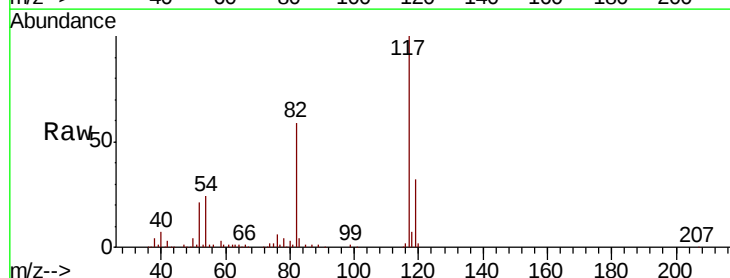
Tgt Ion: 117 Resp: 236820

Ion Ratio Lower Upper

117 100

82 58.9 47.1 70.7

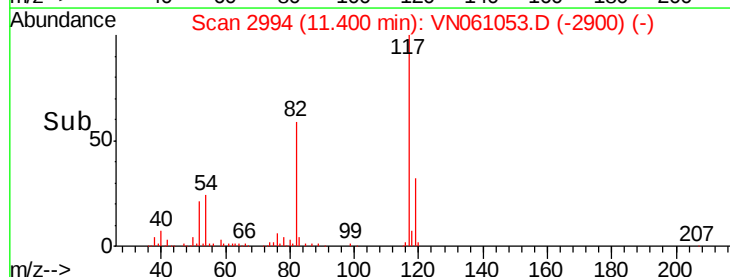
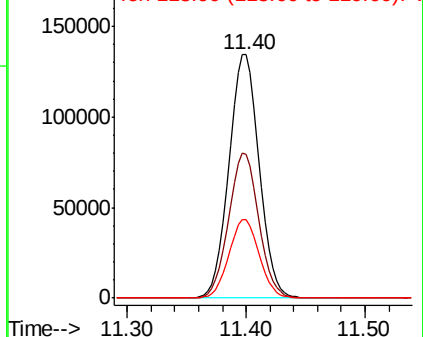
119 32.3 25.7 38.5

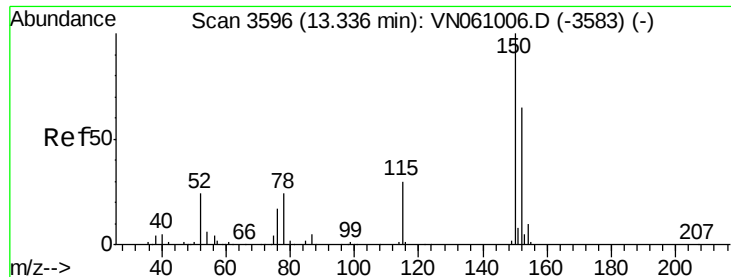


Abundance Ion 116.90 (116.60 to 117.60): VN061006.D (-2978) (-)

Ion 82.00 (81.70 to 82.70): VN061006.D (-2978) (-)

Ion 118.90 (118.60 to 119.60): VN061006.D (-2978) (-)



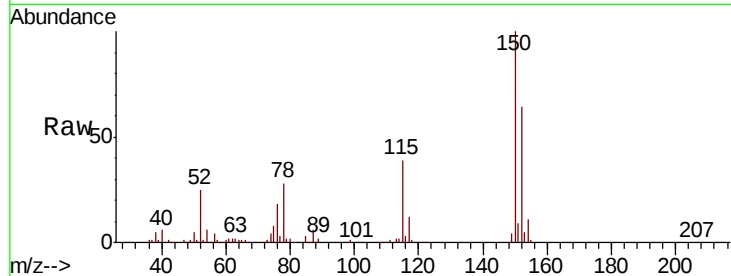


#72

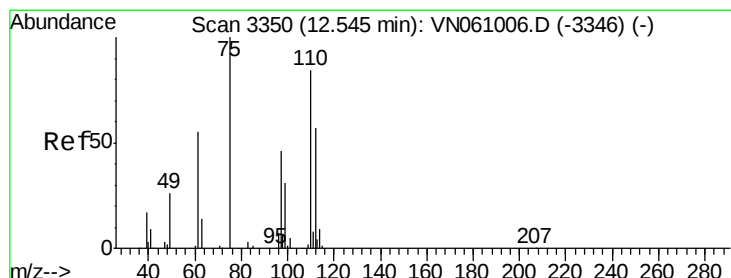
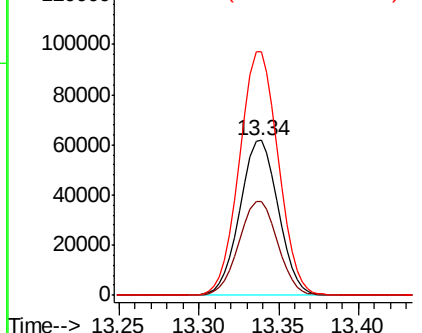
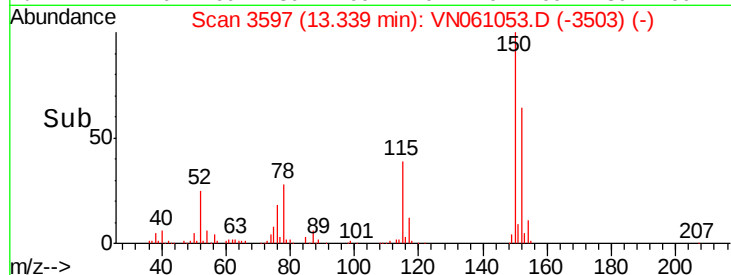
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN061053.D
Acq: 17 Apr 2020 16:08

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	61.1	30.8	92.4
150	158.4	0.0	349.0



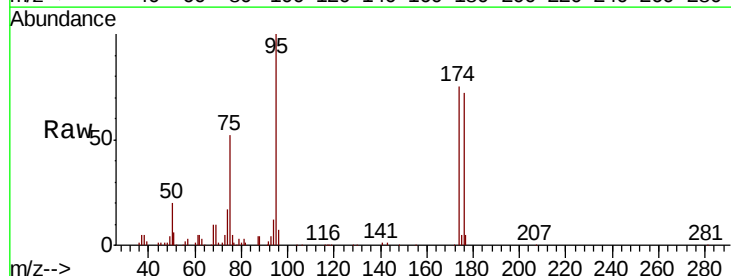
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



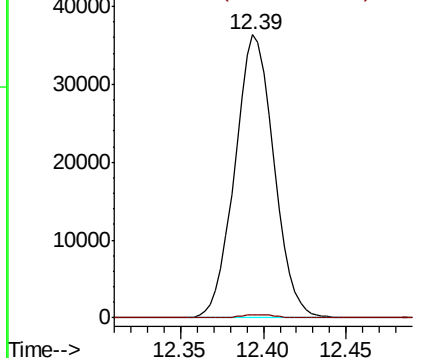
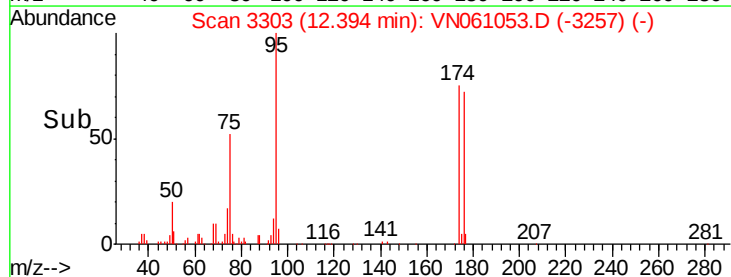
#76

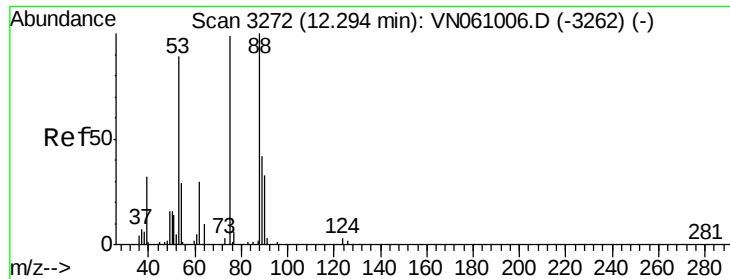
1,2,3-Trichloropropane
Concen: 26.672 ug/l
RT: 12.39 min Scan# 3303
Delta R.T. -0.15 min
Lab File: VN061053.D
Acq: 17 Apr 2020 16:08

Tgt 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: 65.789 ug/l
 RT: 12.39 min Scan# 3303
 Delta R.T. 0.10 min
 Lab File: VN061053.D
 Acq: 17 Apr 2020 16:08

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 75 Resp: 59559
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.7 112.1#
 89 0.0 34.6 52.0#

