

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041720\
 Data File : VN061057.D
 Acq On : 17 Apr 2020 17:39
 Operator : JC/MD
 Sample : L2337-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 20 01:33:18 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

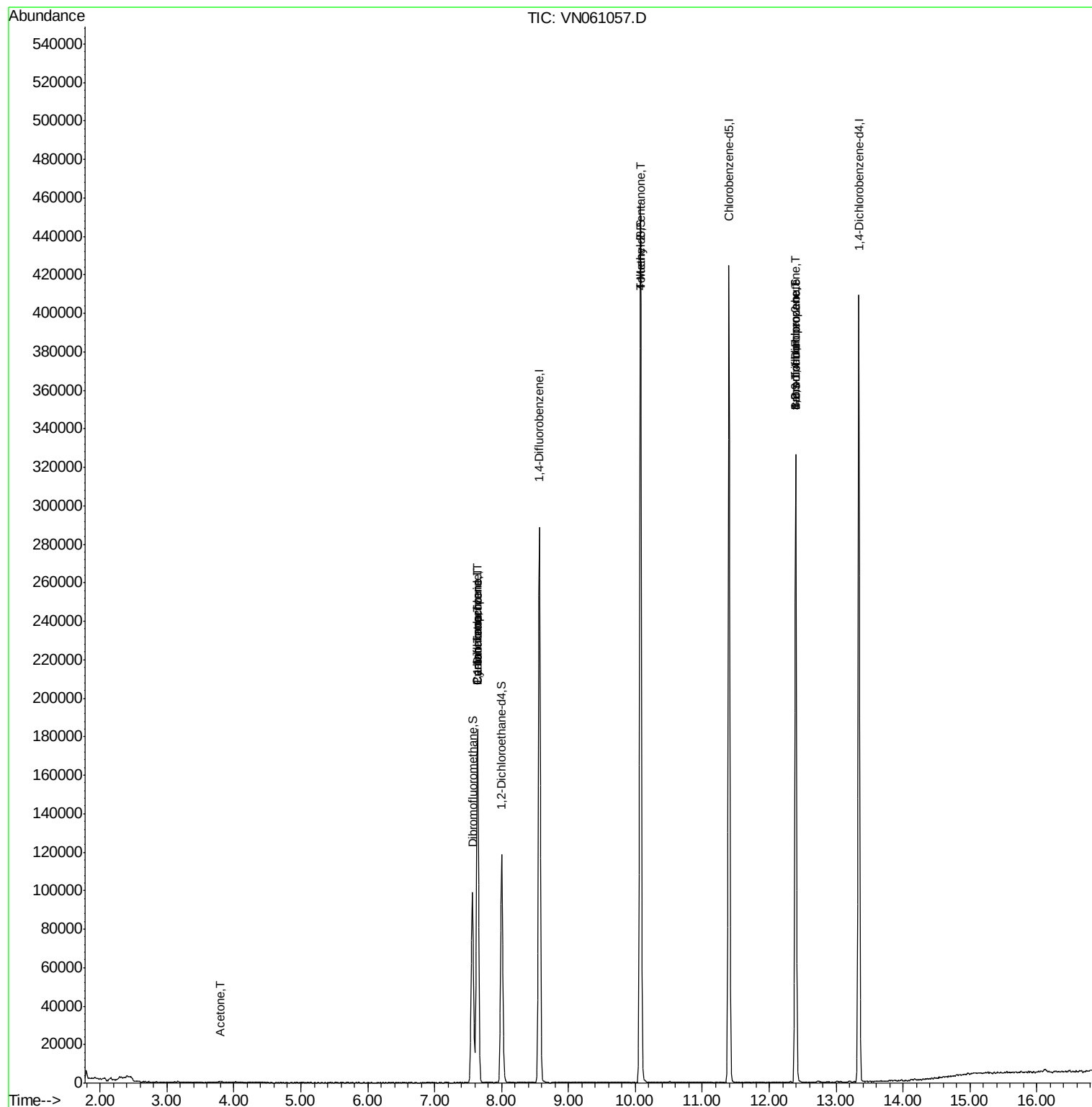
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	147945	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	253456	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	236706	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	105204	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	101754	53.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.52%	
35) Dibromofluoromethane	7.56	113	77198	52.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.32%	
50) Toluene-d8	10.08	98	310755	55.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.12%	
62) 4-Bromofluorobenzene	12.40	95	116551	53.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.34%	
Target Compounds						
16) Acetone	3.78	43	1594	1.913	ug/l	92
31) Cyclohexane	7.64	56	3321	0.942	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	11947	4.568	ug/l #	49
38) Carbon Tetrachloride	7.64	117	14620	6.716	ug/l #	14
51) 4-Methyl-2-Pentanone	10.07	43	1523	0.572	ug/l #	1
71) Bromoform	12.39	173	264	0.202	ug/l #	1
76) 1,2,3-Trichloropropane	12.39	75	59921	25.894	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.39	75	59921	63.870	ug/l #	12

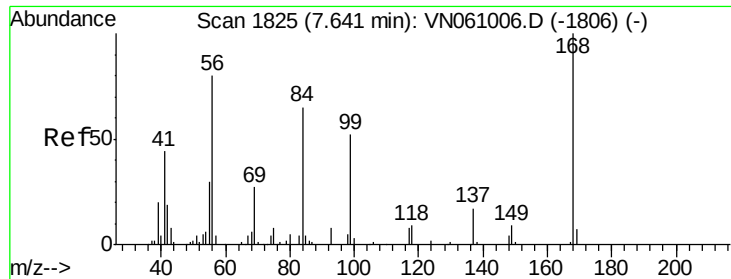
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN061057.D

Acq: 17 Apr 2020 17:39

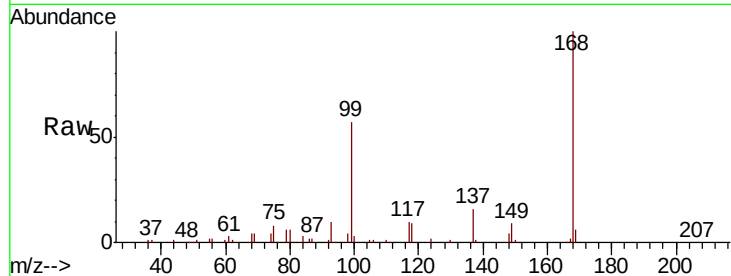
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 147945

Ion Ratio Lower Upper

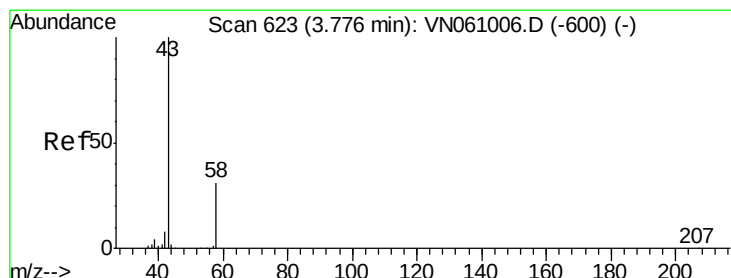
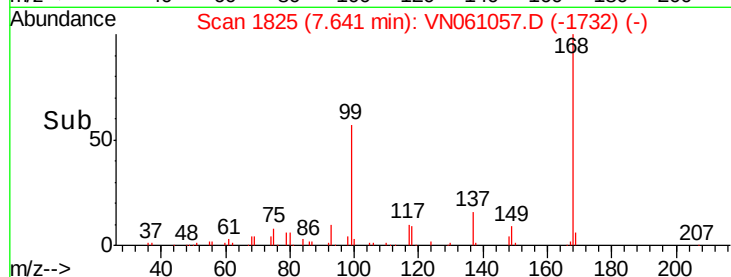
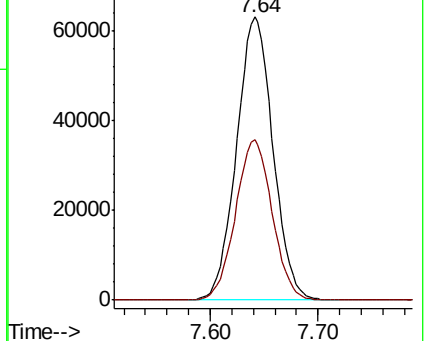
168 100

99 56.7 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 1.913 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.01 min

Lab File: VN061057.D

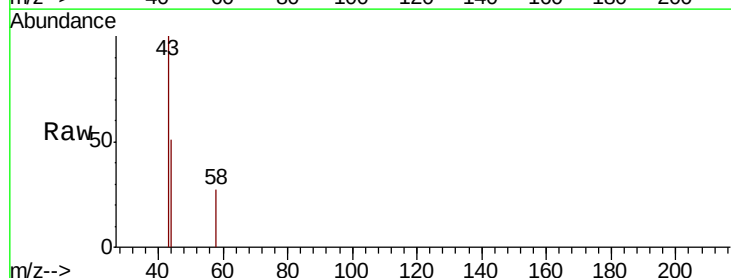
Acq: 17 Apr 2020 17:39

Tgt Ion: 43 Resp: 1594

Ion Ratio Lower Upper

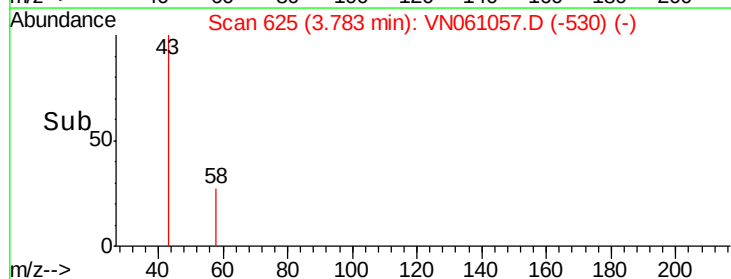
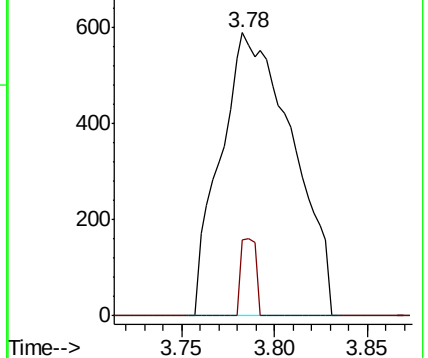
43 100

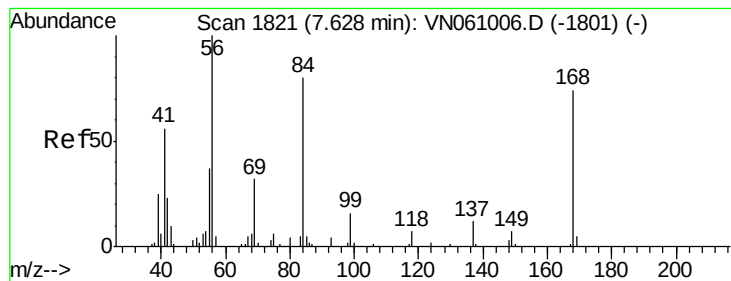
58 26.7 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





#31

Cyclohexane

Concen: 0.942 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.01 min

Lab File: VN061057.D

Acq: 17 Apr 2020 17:39

Instrument :

MSVOA_N

ClientSampled :

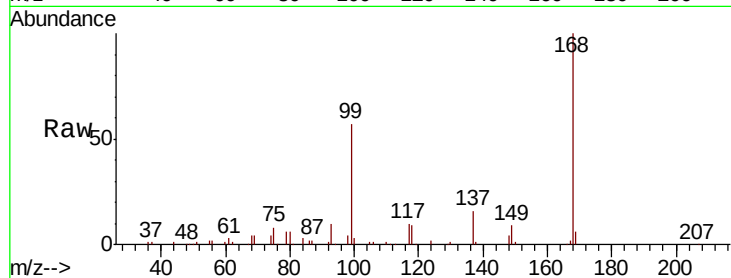
Tot Ion: 56 Resp: 3321

Ion Ratio Lower Upper

56 100

69 152.2 25.6 38.4#

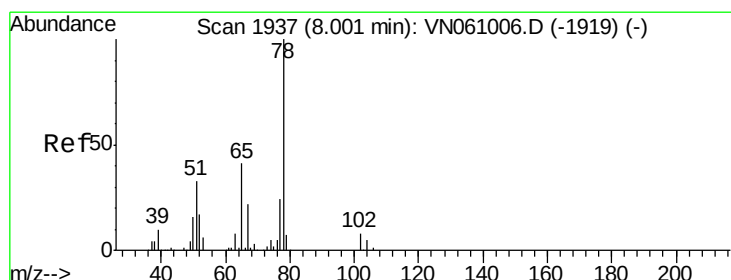
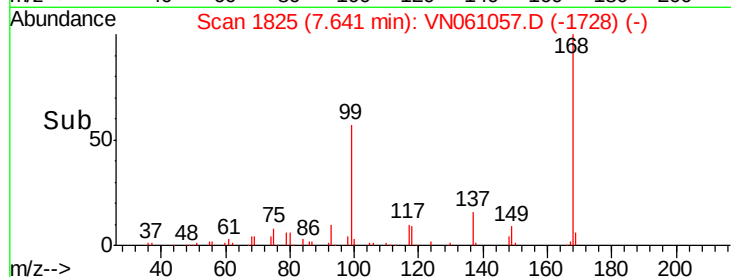
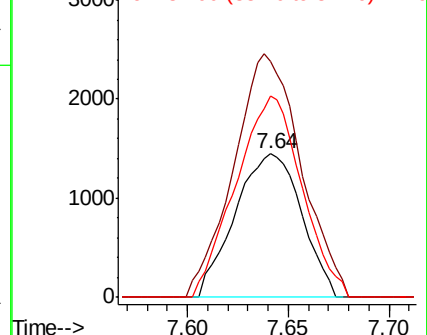
84 139.7 63.4 95.2#



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: 53.757 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN061057.D

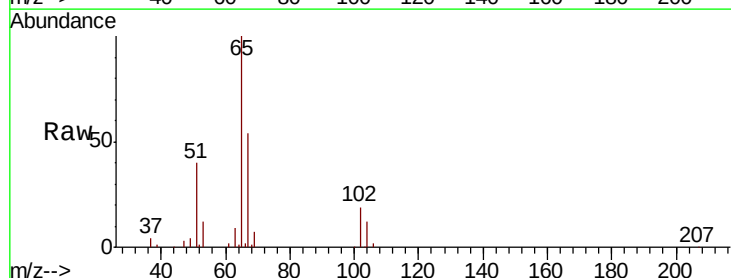
Acq: 17 Apr 2020 17:39

Tgt Ion: 65 Resp: 101754

Ion Ratio Lower Upper

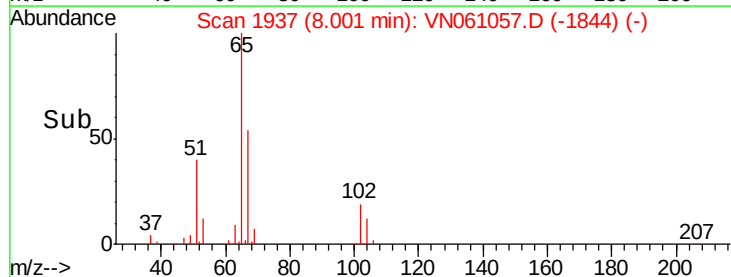
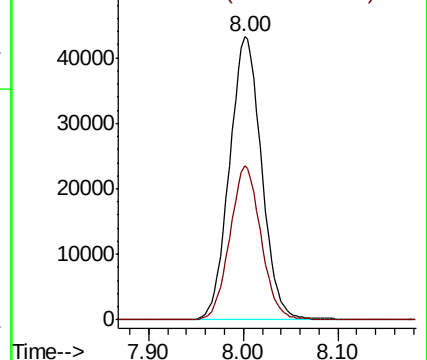
65 100

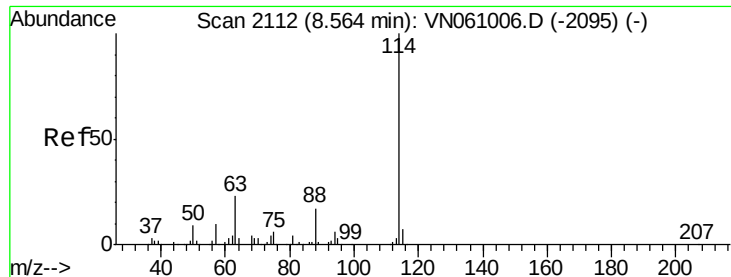
67 52.8 0.0 107.0



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

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

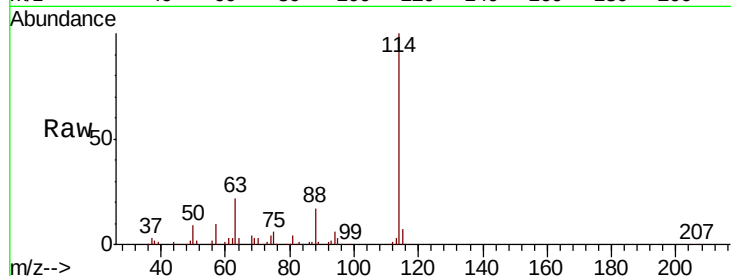




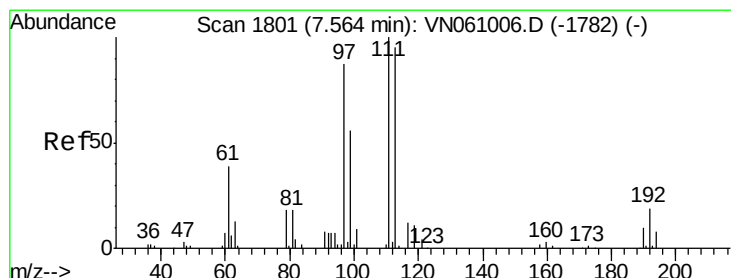
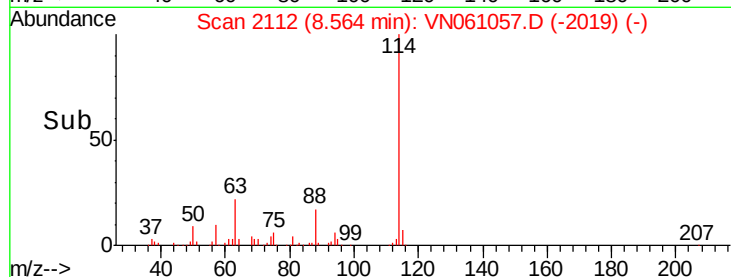
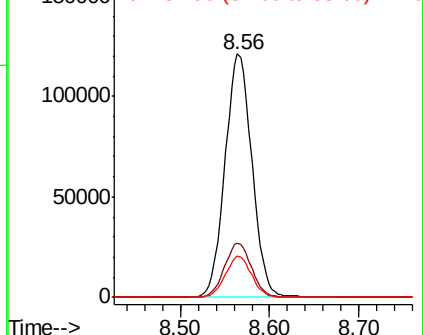
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN061057.D
 Acq: 17 Apr 2020 17:39

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	46.2
88	16.8	0.0	33.4

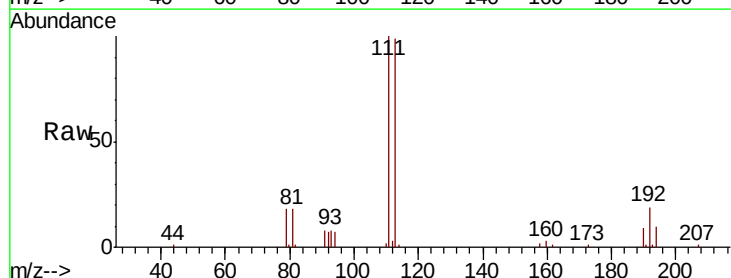


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

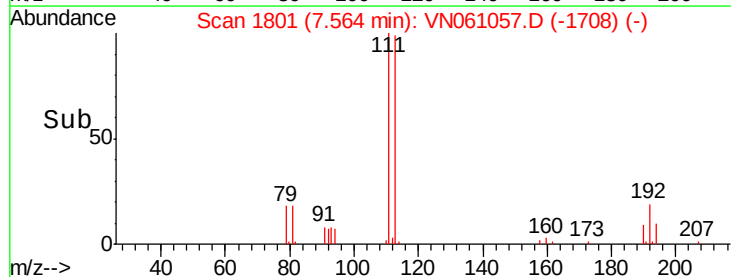
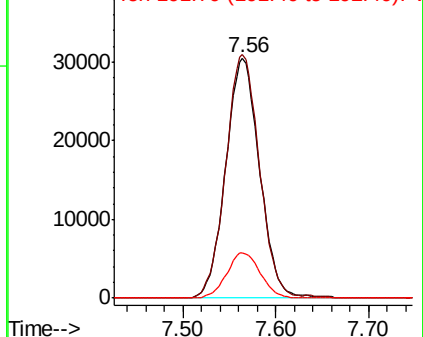


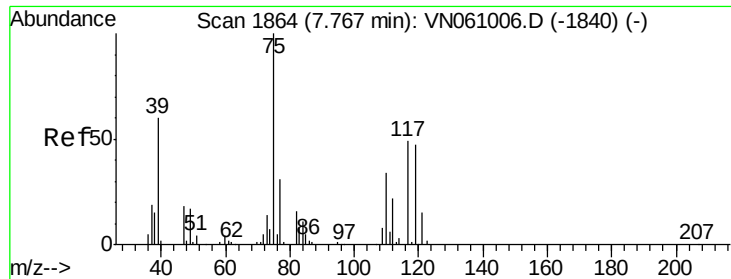
#35
 Dibromofluoromethane
 Concen: 52.155 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN061057.D
 Acq: 17 Apr 2020 17:39

Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.7	83.4	125.2
192	18.6	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

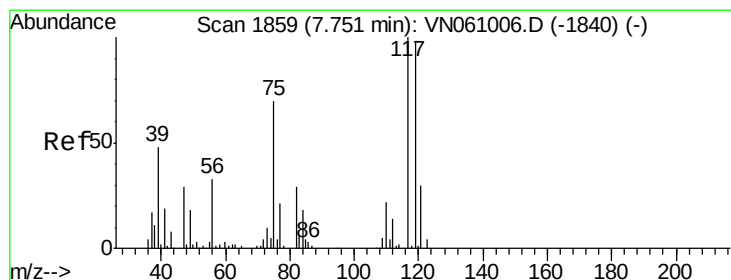
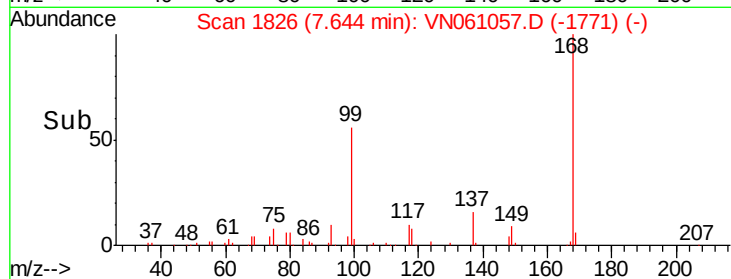
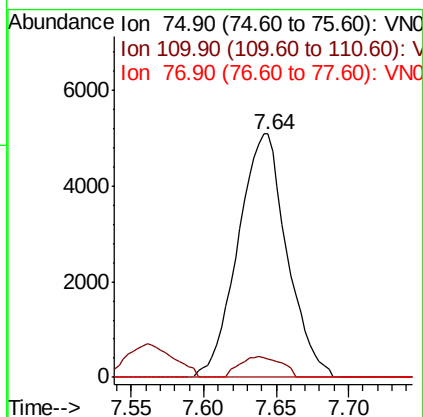
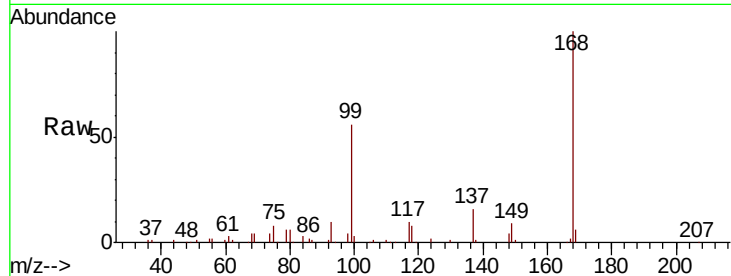




#36
 1,1-Dichloropropene
 Concen: 4.568 ug/l
 RT: 7.64 min Scan# 1826
 Delta R.T. -0.12 min
 Lab File: VN061057.D
 Acq: 17 Apr 2020 17:39

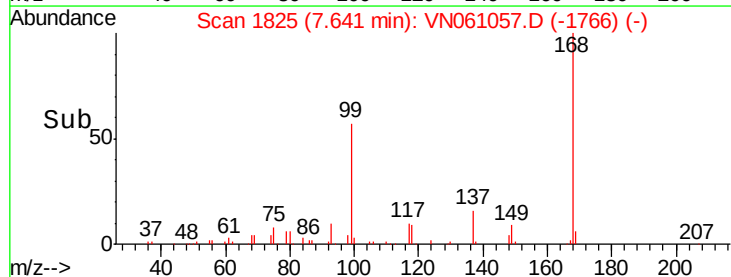
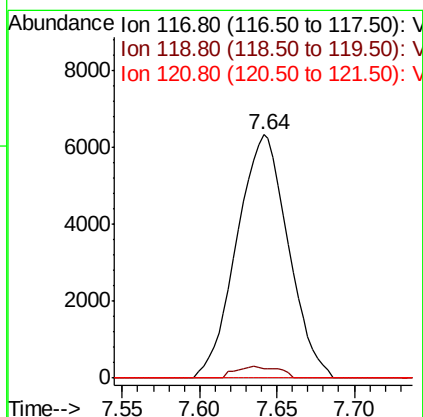
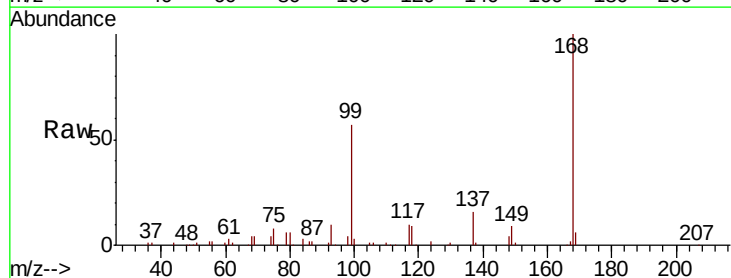
Instrument :
 MSVOA_N
 ClientSampleId :

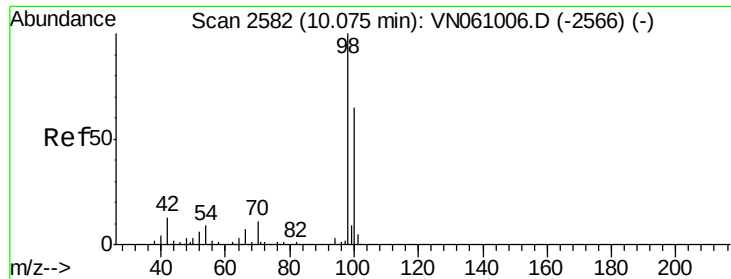
Tot Ion	75	Resp	11947
Ion Ratio	100		
Lower			
Upper			
75	100		
110	7.3	16.8	50.3#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 6.716 ug/l
 RT: 7.64 min Scan# 1825
 Delta R.T. -0.11 min
 Lab File: VN061057.D
 Acq: 17 Apr 2020 17:39

Tgt Ion	117	Resp	14620
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower			
Upper			
117	100		
119	3.9	78.1	117.1#
121	0.0	24.0	36.0#

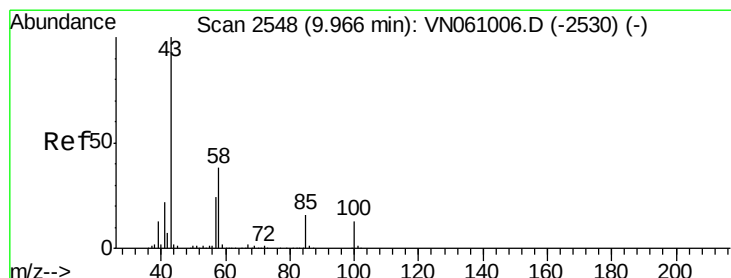
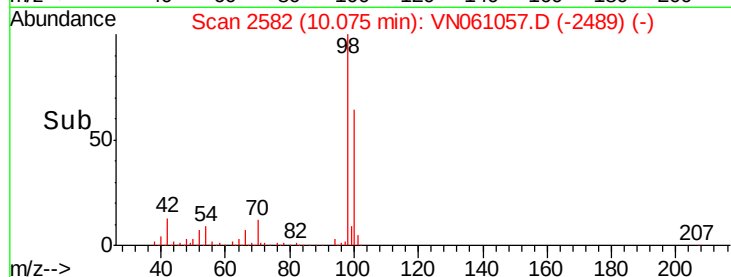
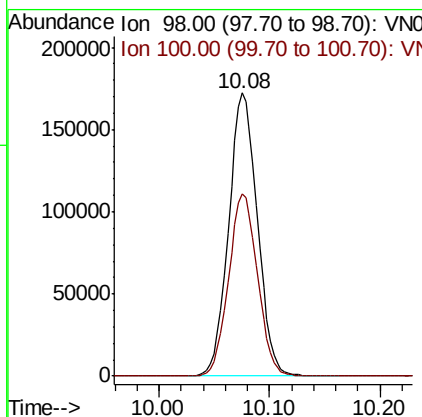
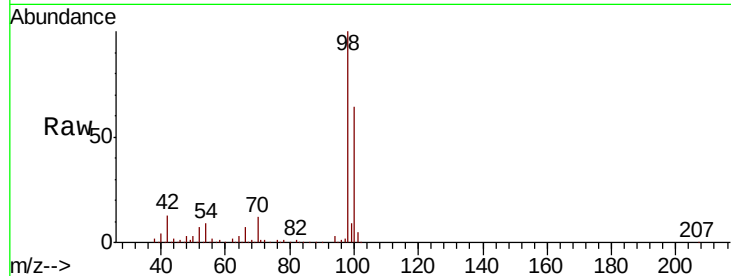




#50
Toluene-d8
Concen: 55.560 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN061057.D
Acq: 17 Apr 2020 17:39

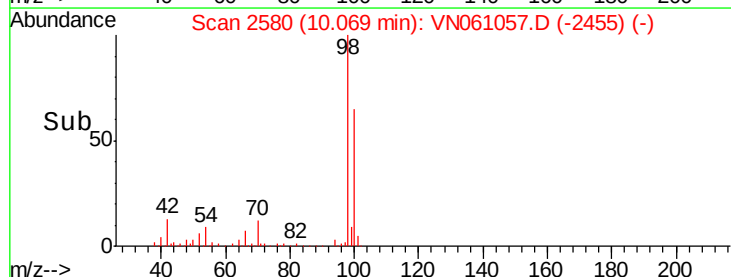
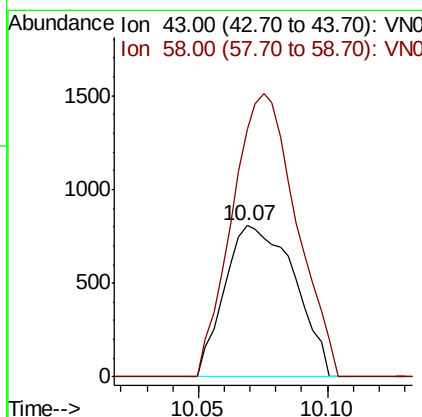
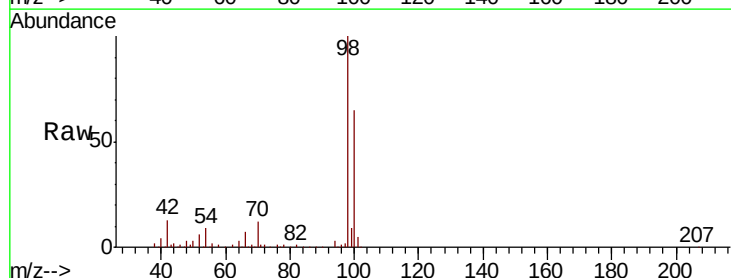
Instrument :
MSVOA_N
ClientSampleId :

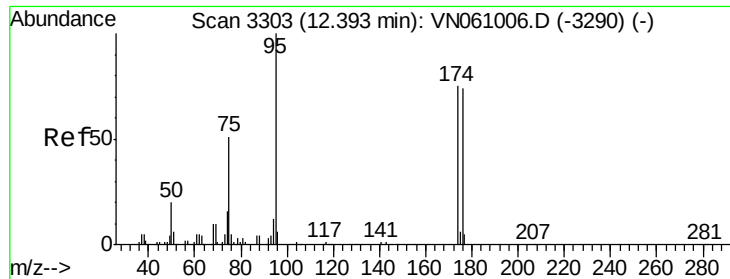
Tot Ion: 98 Resp: 310755
Ion Ratio Lower Upper
98 100
100 64.9 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.572 ug/l
RT: 10.07 min Scan# 2580
Delta R.T. 0.10 min
Lab File: VN061057.D
Acq: 17 Apr 2020 17:39

Tgt Ion: 43 Resp: 1523
Ion Ratio Lower Upper
43 100
58 172.4 30.3 45.5#

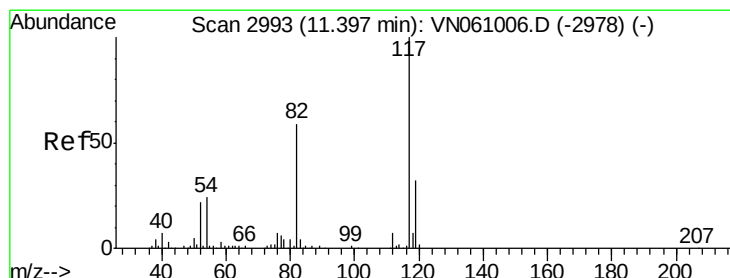
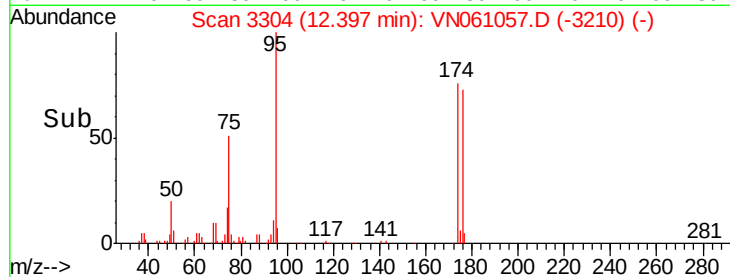
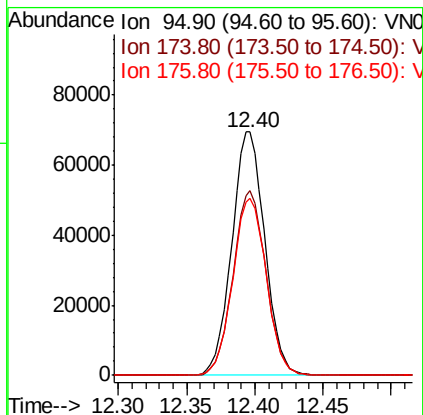
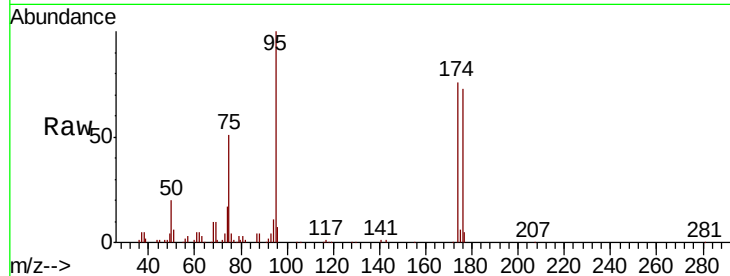




#62
4-Bromofluorobenzene
Concen: 53.168 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN061057.D
Acq: 17 Apr 2020 17:39

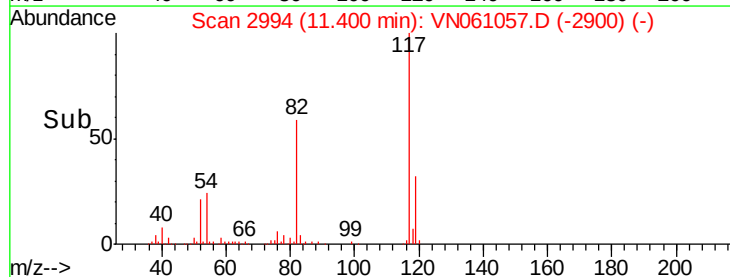
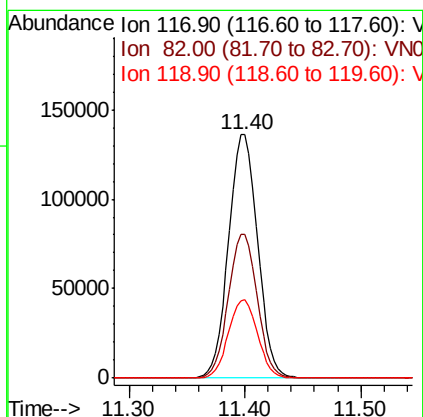
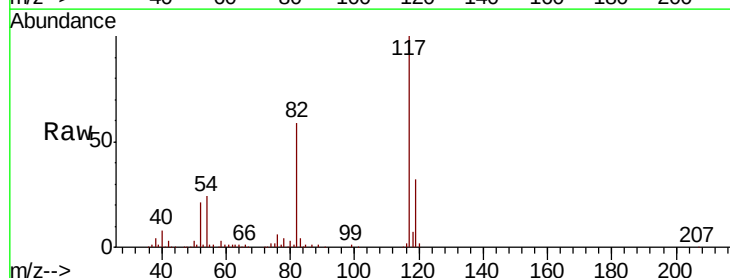
Instrument :
MSVOA_N
ClientSampleId :

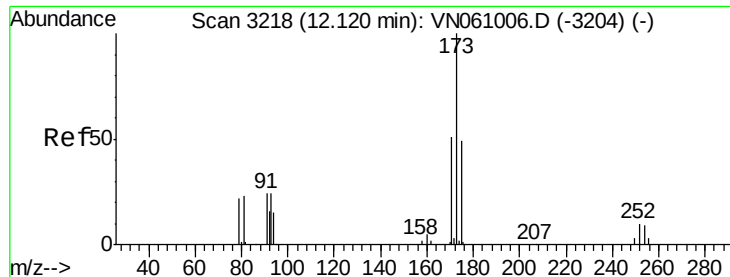
Tot Ion: 95 Resp: 116551
Ion Ratio Lower Upper
95 100
174 75.7 0.0 151.2
176 73.9 0.0 148.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN061057.D
Acq: 17 Apr 2020 17:39

Tgt Ion: 117 Resp: 236706
Ion Ratio Lower Upper
117 100
82 58.9 47.1 70.7
119 32.0 25.7 38.5





#71

Bromoform

Concen: 0.202 ug/l

RT: 12.39 min Scan# 3302

Delta R.T. 0.27 min

Lab File: VN061057.D

Acq: 17 Apr 2020 17:39

Instrument :

MSVOA_N

ClientSampled :

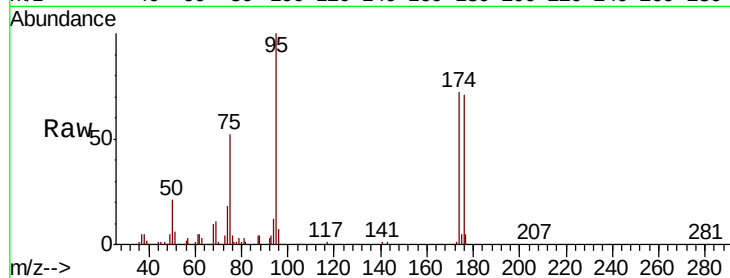
Tot Ion:173 Resp: 264

Ion Ratio Lower Upper

173 100

175 2056.1 24.5 73.5#

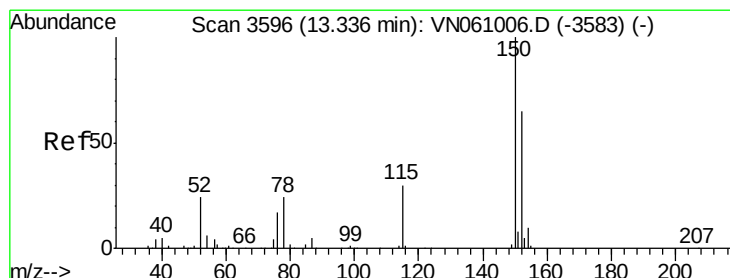
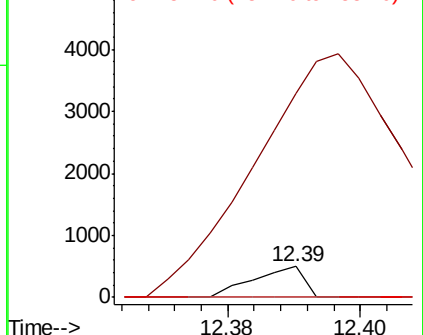
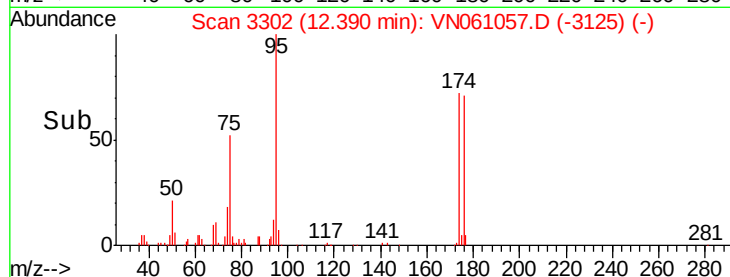
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): 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: VN061057.D

Acq: 17 Apr 2020 17:39

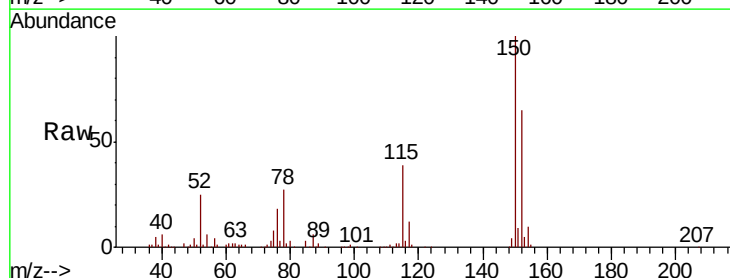
Tgt Ion:152 Resp: 105204

Ion Ratio Lower Upper

152 100

115 60.3 30.8 92.4

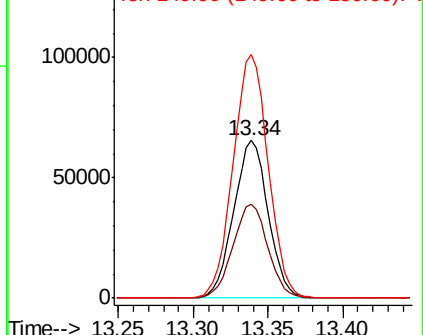
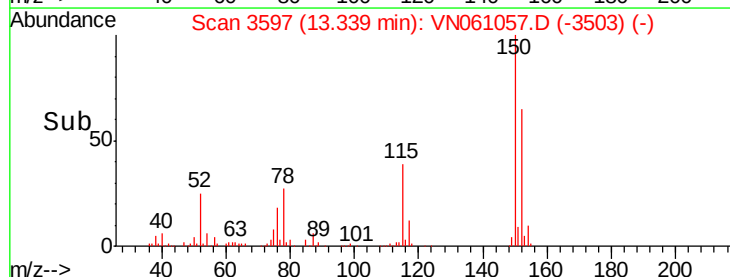
150 157.6 0.0 349.0

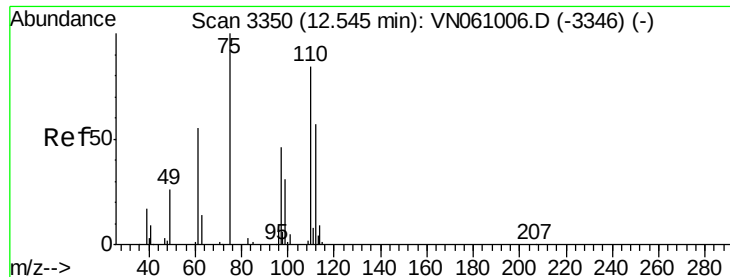


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 25.894 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. -0.15 min

Lab File: VN061057.D

Acq: 17 Apr 2020 17:39

Instrument :

MSVOA_N

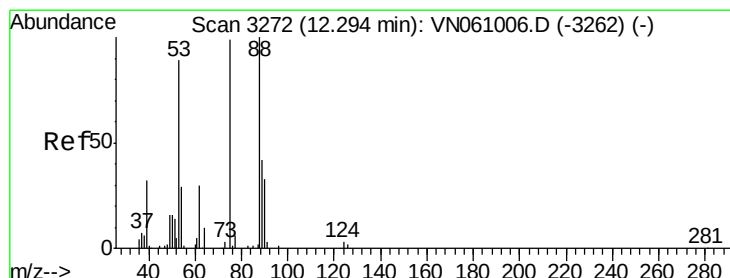
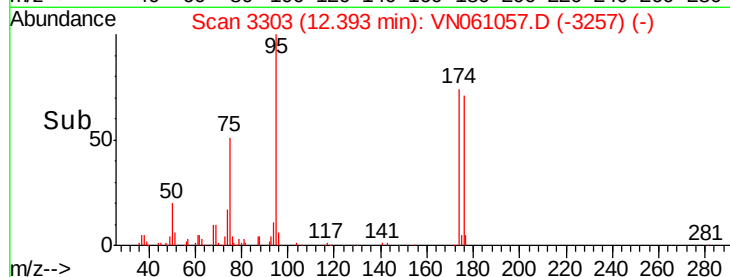
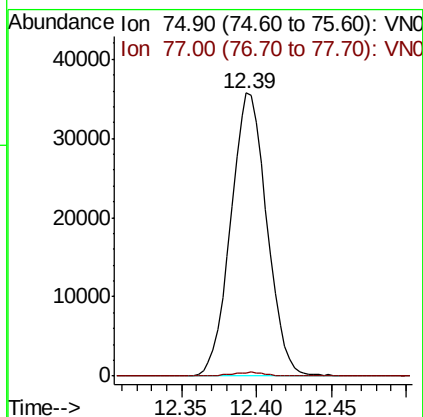
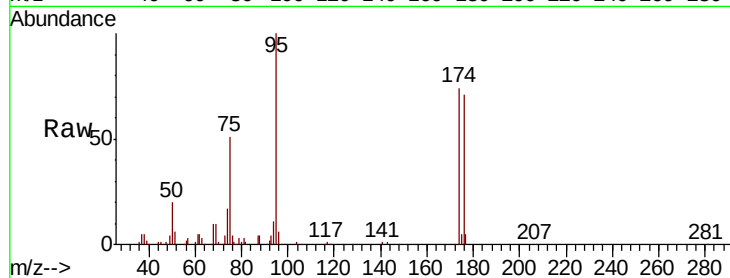
ClientSampleId :

Tot Ion: 75 Resp: 59921

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 63.870 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. 0.10 min

Lab File: VN061057.D

Acq: 17 Apr 2020 17:39

Tgt Ion: 75 Resp: 59921

Ion Ratio Lower Upper

75 100

53 0.0 74.7 112.1#

89 0.0 34.6 52.0#

