

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040220\
 Data File : VN060820.D
 Acq On : 2 Apr 2020 13:54
 Operator : JC/MD
 Sample : L2018-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 03 07:42:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

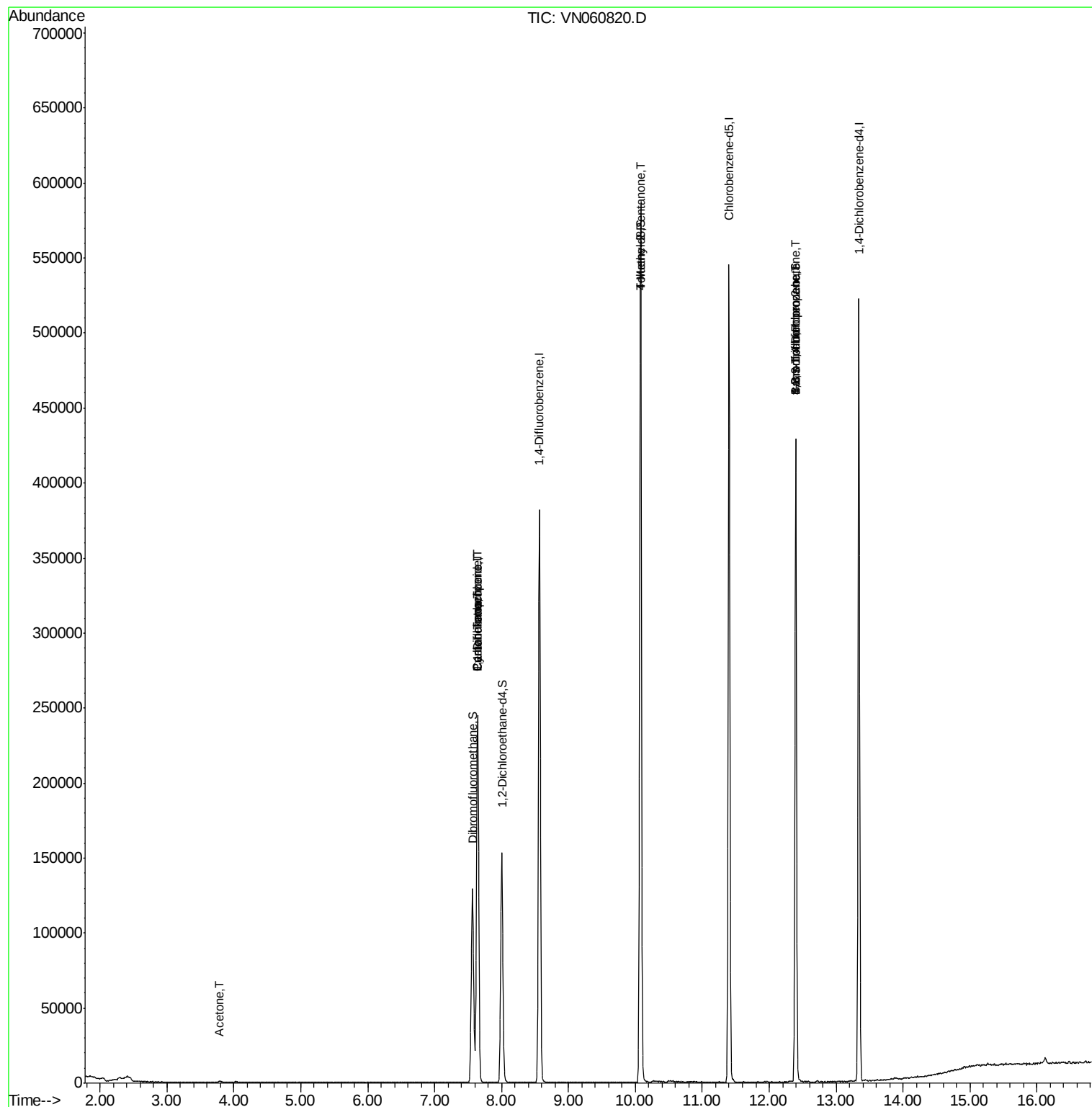
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	202317	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	336901	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	312283	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	138180	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	130746	47.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.16%	
35) Dibromofluoromethane	7.56	113	99569	48.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.76%	
50) Toluene-d8	10.08	98	413131	49.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.30%	
62) 4-Bromofluorobenzene	12.40	95	150784	49.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.90%	
Target Compounds						
					Qvalue	
16) Acetone	3.79	43	1818	1.848	ug/l #	87
31) Cyclohexane	7.64	56	4038	0.903	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	15862	4.862	ug/l #	49
38) Carbon Tetrachloride	7.64	117	19683	6.732	ug/l #	16
51) 4-Methyl-2-Pentanone	10.08	43	1821	0.550	ug/l #	1
71) Bromoform	12.39	173	279	1.825	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	75888	25.452	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	75888	65.368	ug/l #	13

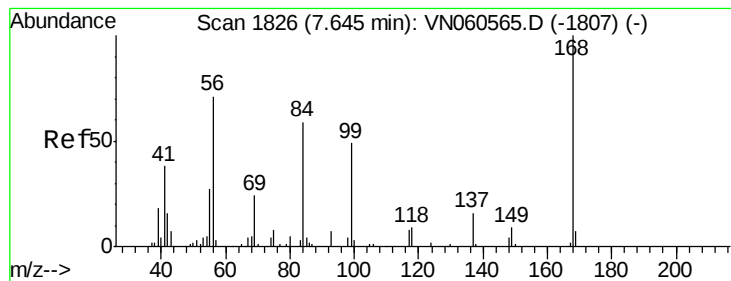
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 9 Sample Multiplier: 1

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Quant Time: Apr 03 07:42:32 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 18 08:49:09 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN060820.D

Acq: 2 Apr 2020 13:54

Instrument :

MSVOA_N

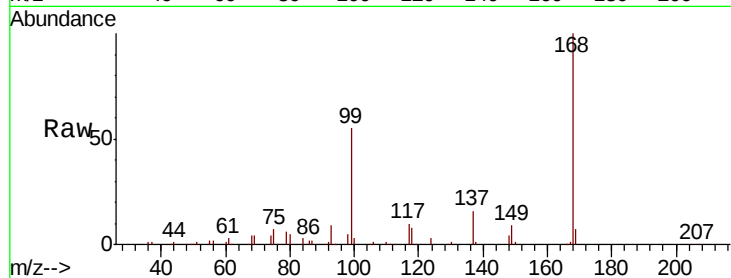
ClientSampleId :

Tot Ion:168 Resp: 202317

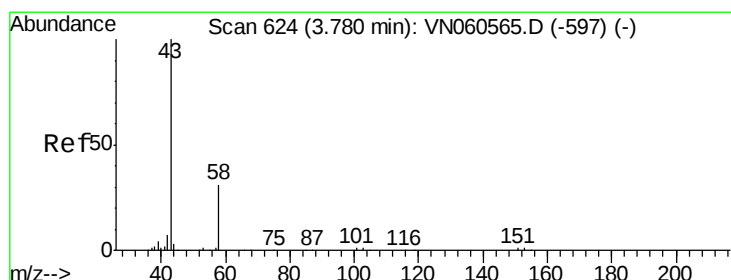
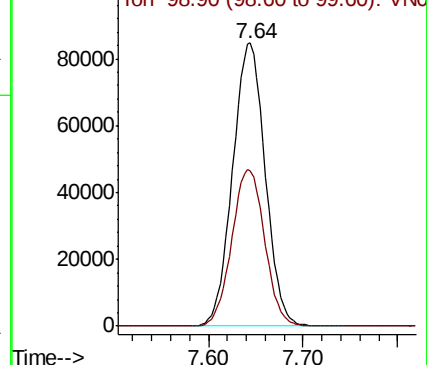
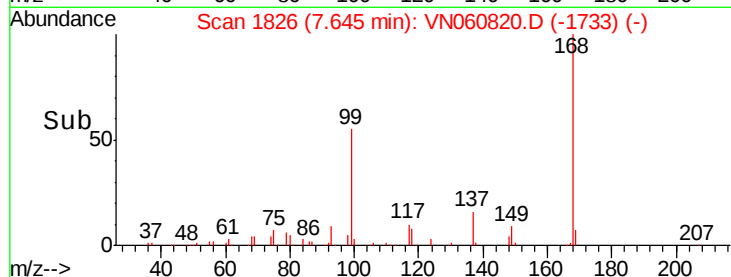
Ion Ratio Lower Upper

168 100

99 55.1 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): VN060820.D (-1733) (-)



#16

Acetone

Concen: 1.848 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN060820.D

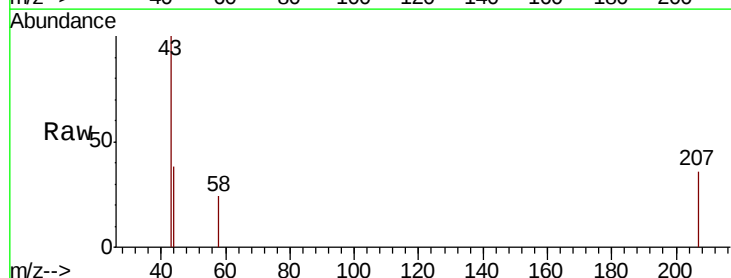
Acq: 2 Apr 2020 13:54

Tgt Ion: 43 Resp: 1818

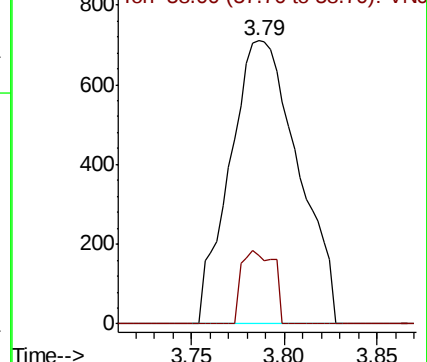
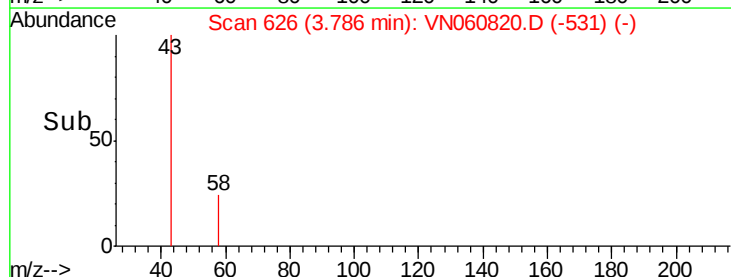
Ion Ratio Lower Upper

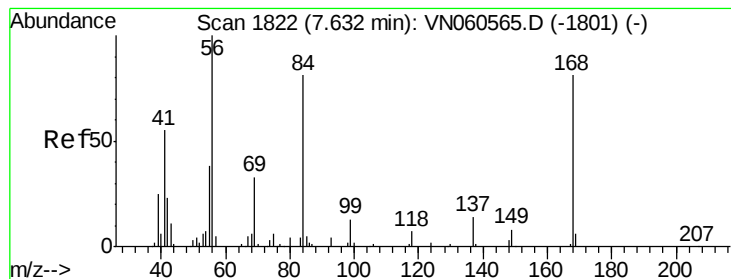
43 100

58 24.4 25.1 37.7#



Abundance Ion 43.00 (42.70 to 43.70): VN060820.D (-531) (-)





#31

Cyclohexane

Concen: 0.903 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.01 min

Lab File: VN060820.D

Acq: 2 Apr 2020 13:54

Instrument :

MSVOA_N

ClientSampled :

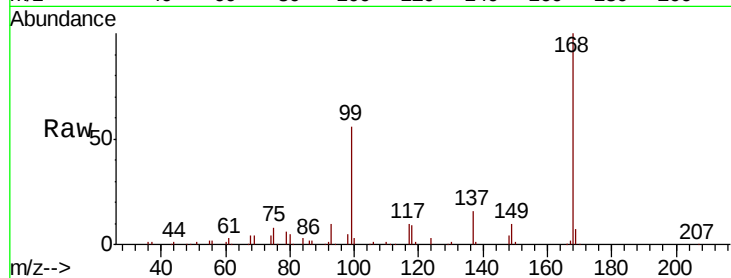
Tot Ion: 56 Resp: 4038

Ion Ratio Lower Upper

56 100

69 174.6 26.6 40.0#

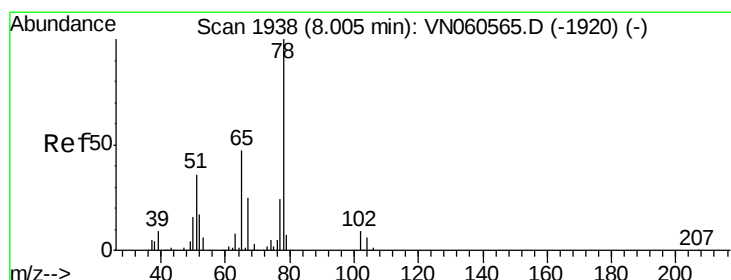
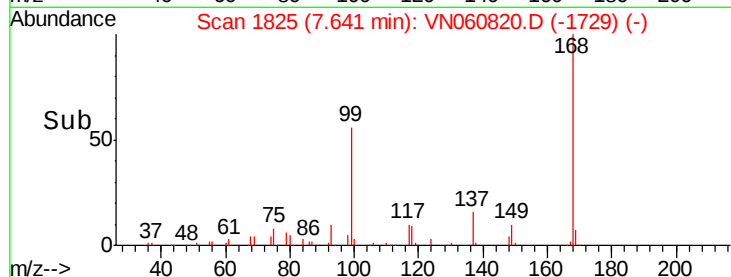
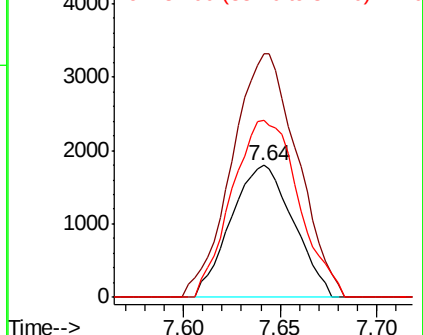
84 134.4 64.3 96.5#



Abundance Ion 56.00 (55.70 to 56.70): VN060820.D (-1801) (-)

Ion 69.00 (68.70 to 69.70): VN060820.D (-1801) (-)

Ion 84.00 (83.70 to 84.70): VN060820.D (-1801) (-)



#33

1,2-Dichloroethane-d4

Concen: 47.076 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. -0.00 min

Lab File: VN060820.D

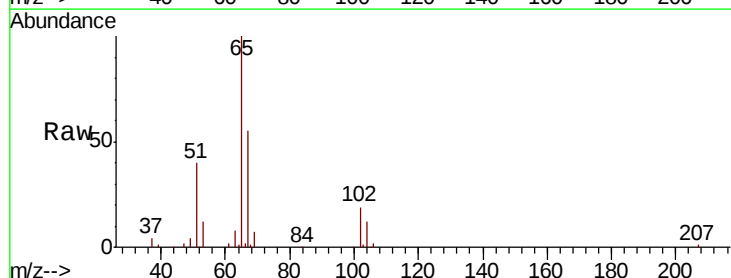
Acq: 2 Apr 2020 13:54

Tgt Ion: 65 Resp: 130746

Ion Ratio Lower Upper

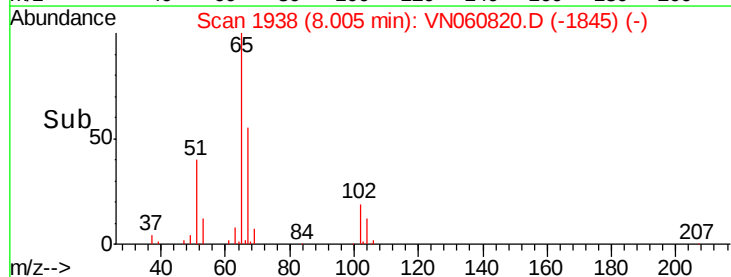
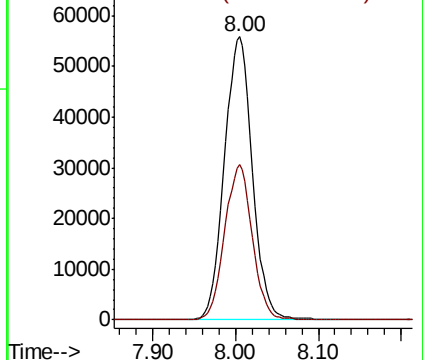
65 100

67 54.2 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VN060820.D (-1845) (-)

Ion 66.90 (66.60 to 67.60): VN060820.D (-1845) (-)

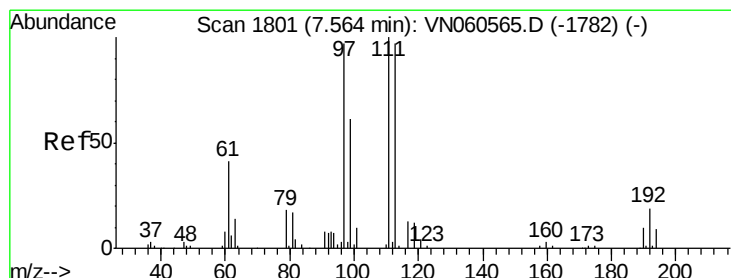
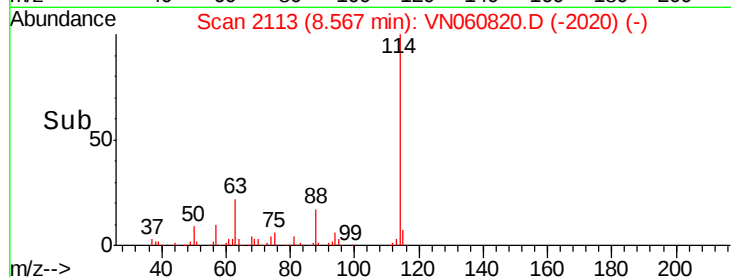
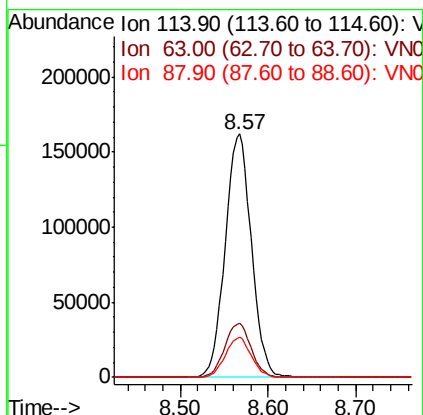
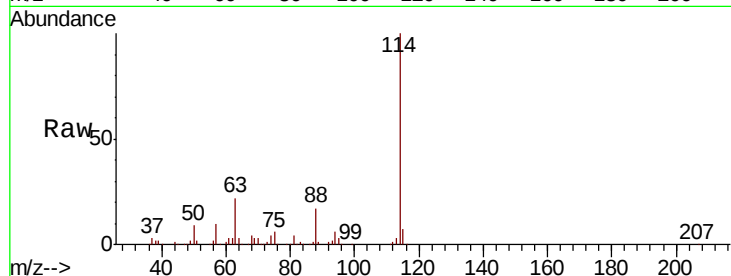




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN060820.D
 Acq: 2 Apr 2020 13:54

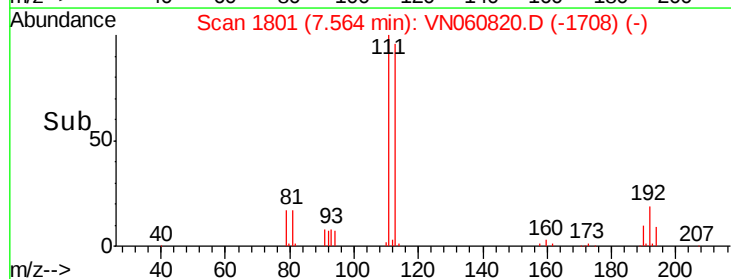
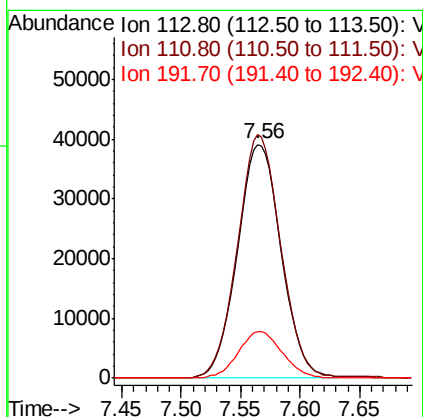
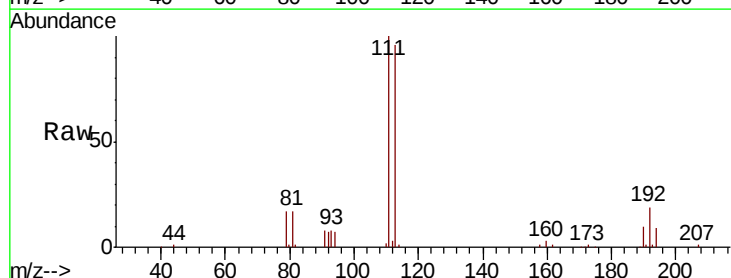
Instrument :
 MSVOA_N
 ClientSampleId :

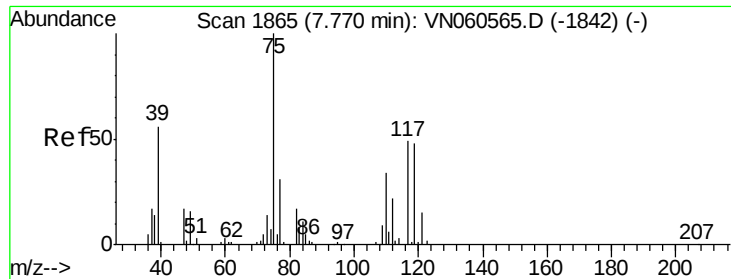
Tot Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	43.8
88	16.6	0.0	33.0



#35
 Dibromofluoromethane
 Concen: 48.877 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN060820.D
 Acq: 2 Apr 2020 13:54

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.9	124.3
192	20.0	15.8	23.8

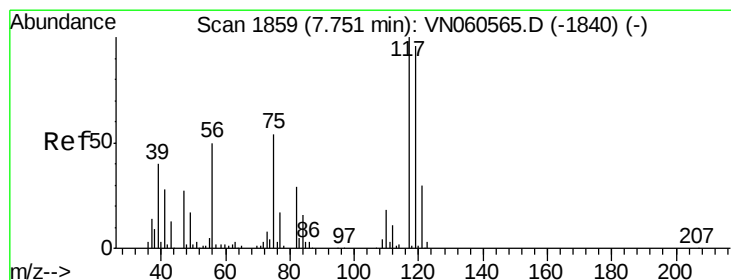
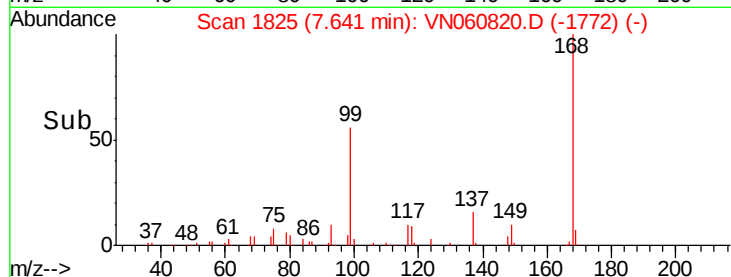
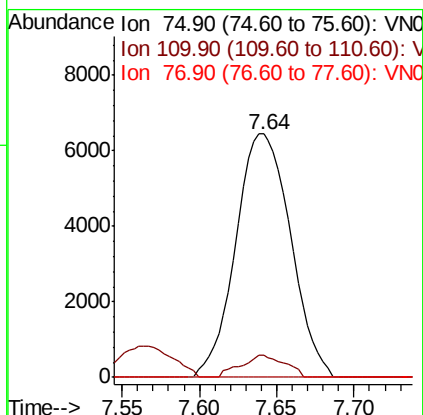
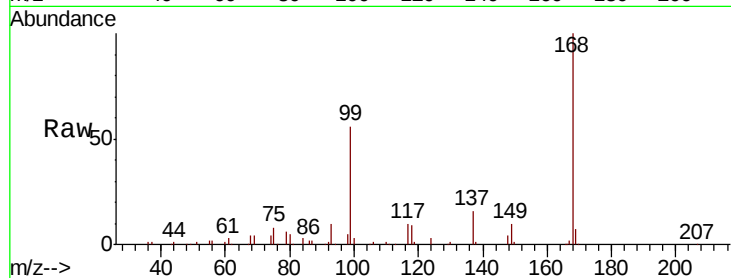




#36
 1,1-Dichloropropene
 Concen: 4.862 ug/l
 RT: 7.64 min Scan# 1825
 Delta R.T. -0.13 min
 Lab File: VN060820.D
 Acq: 2 Apr 2020 13:54

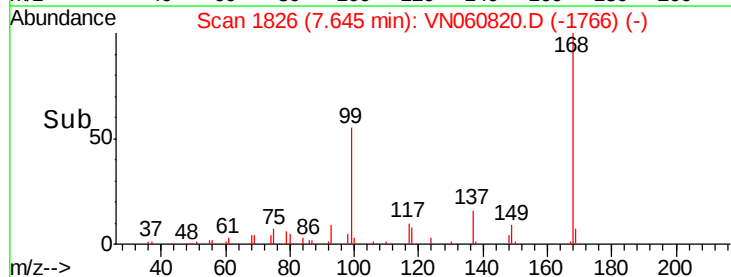
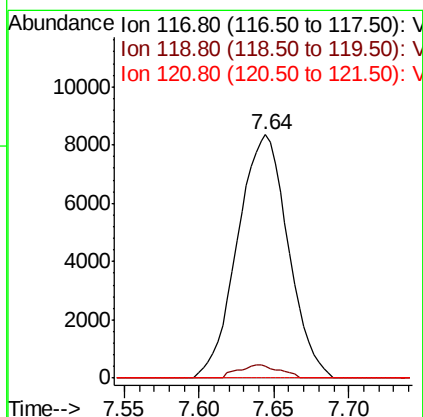
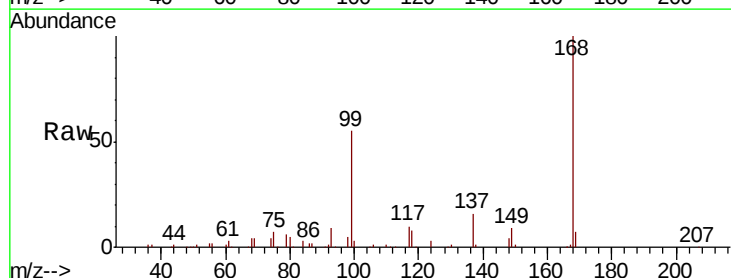
Instrument :
 MSVOA_N
 ClientSampled :

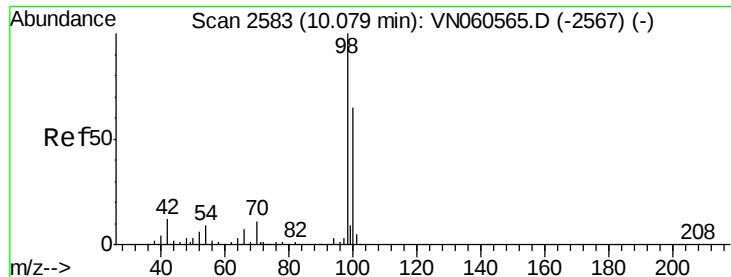
Tot Ion	75	Resp	15862
Ion Ratio	Lower	Upper	
75	100		
110	7.3	16.9	50.6#
77	0.0	24.6	36.8#



#38
 Carbon Tetrachloride
 Concen: 6.732 ug/l
 RT: 7.64 min Scan# 1826
 Delta R.T. -0.11 min
 Lab File: VN060820.D
 Acq: 2 Apr 2020 13:54

Tgt Ion	117	Resp	19683
Ion Ratio	Lower	Upper	
117	100		
119	4.6	76.2	114.2#
121	0.0	23.7	35.5#

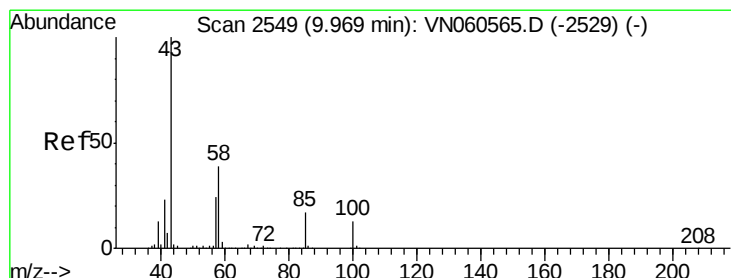
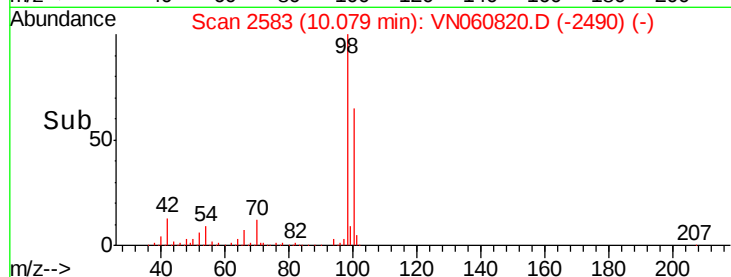
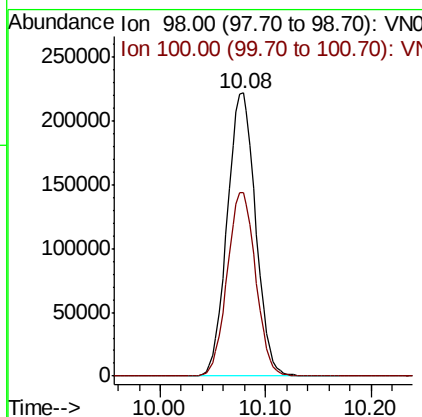
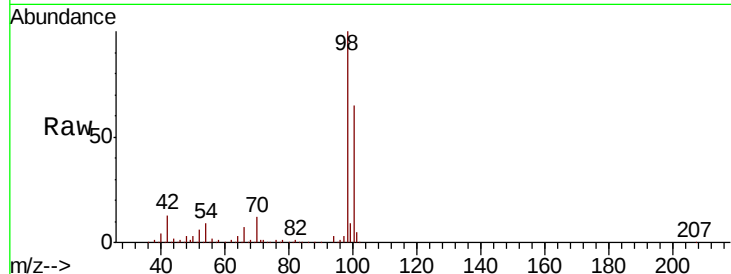




#50
Toluene-d8
Concen: 49.650 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. -0.00 min
Lab File: VN060820.D
Acq: 2 Apr 2020 13:54

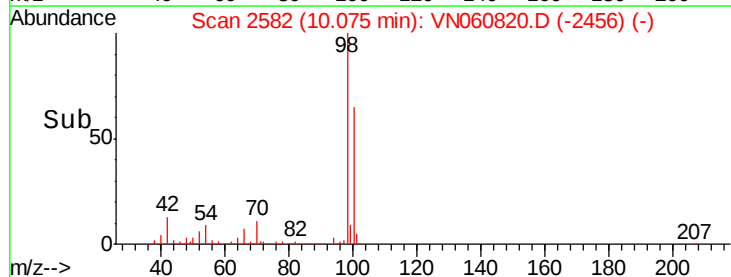
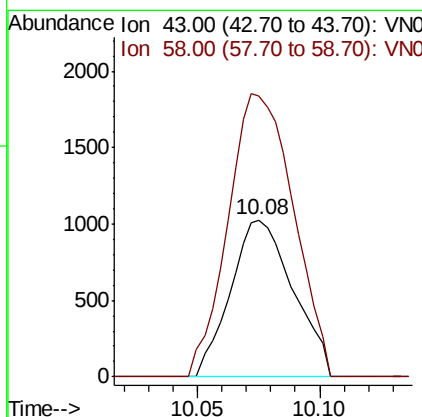
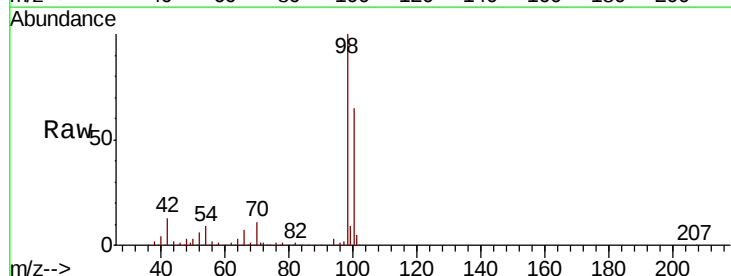
Instrument :
MSVOA_N
ClientSampled :

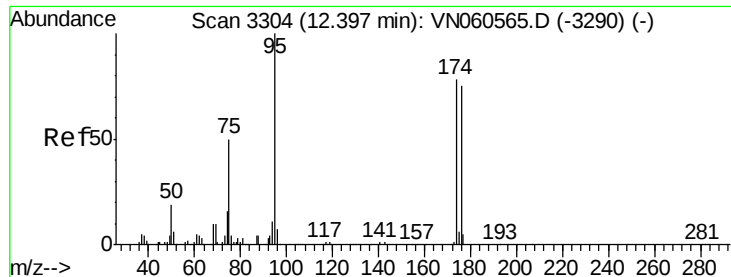
Tot Ion: 98 Resp: 413131
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.8



#51
4-Methyl-2-Pentanone
Concen: 0.550 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. 0.11 min
Lab File: VN060820.D
Acq: 2 Apr 2020 13:54

Tgt Ion: 43 Resp: 1821
Ion Ratio Lower Upper
43 100
58 188.9 30.8 46.2#





#62

4-Bromofluorobenzene

Concen: 49.446 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060820.D

Acq: 2 Apr 2020 13:54

Instrument :

MSVOA_N

ClientSampleId :

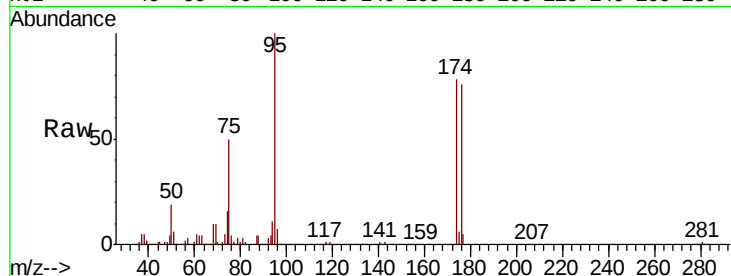
Tot Ion: 95 Resp: 150784

Ion Ratio Lower Upper

95 100

174 77.3 0.0 157.6

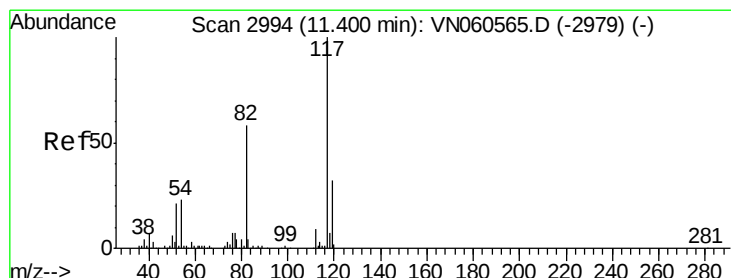
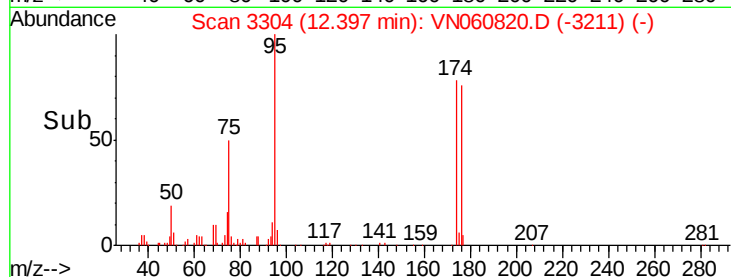
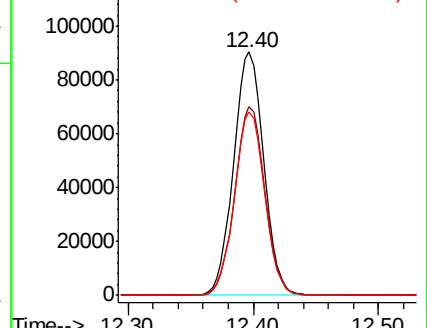
176 75.6 0.0 150.6



Abundance Ion 94.90 (94.60 to 95.60): VN060820.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN060820.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN060820.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. -0.00 min

Lab File: VN060820.D

Acq: 2 Apr 2020 13:54

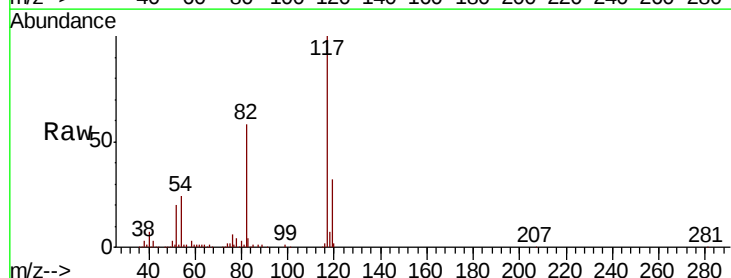
Tgt Ion: 117 Resp: 312283

Ion Ratio Lower Upper

117 100

82 58.0 46.7 70.1

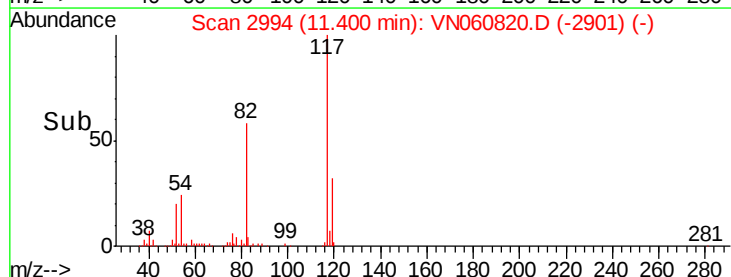
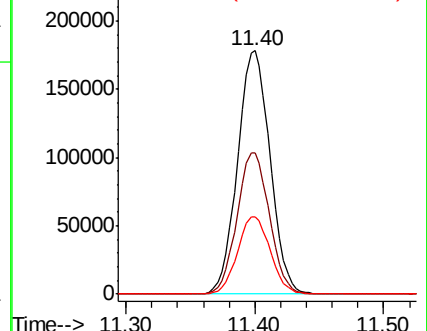
119 31.9 25.5 38.3

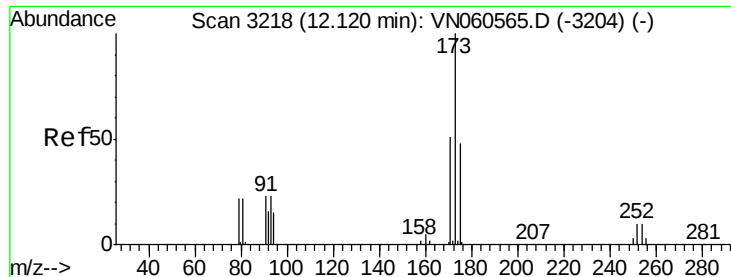


Abundance Ion 116.90 (116.60 to 117.60): VN060820.D (-2979) (-)

Ion 82.00 (81.70 to 82.70): VN060820.D (-2979) (-)

Ion 118.90 (118.60 to 119.60): VN060820.D (-2979) (-)





#71

Bromoform

Concen: 1.825 ug/l

RT: 12.39 min Scan# 3302

Delta R.T. 0.27 min

Lab File: VN060820.D

Acq: 2 Apr 2020 13:54

Instrument :

MSVOA_N

ClientSampleId :

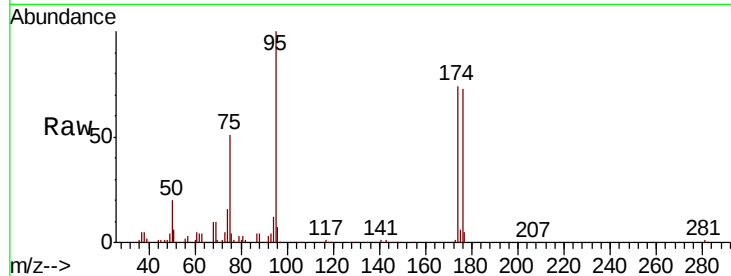
Tot Ion:173 Resp: 279

Ion Ratio Lower Upper

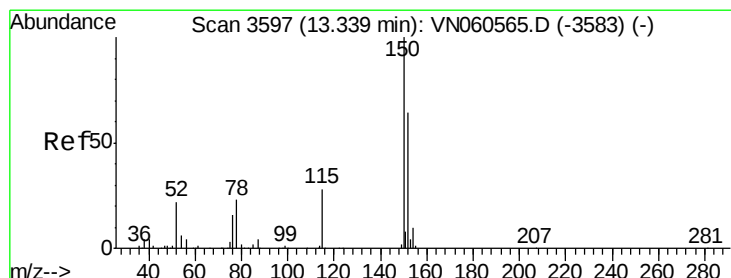
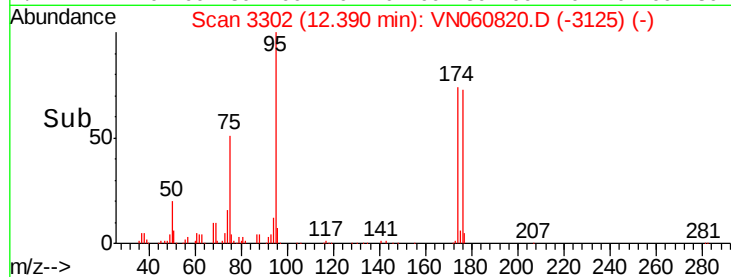
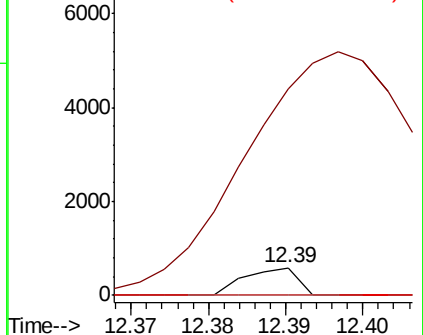
173 100

175 2597.5 24.1 72.4#

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: VN060820.D

Acq: 2 Apr 2020 13:54

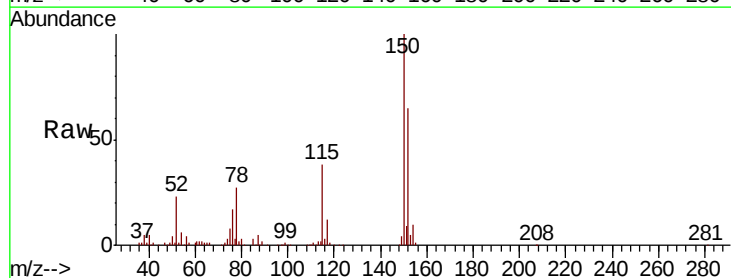
Tgt Ion:152 Resp: 138180

Ion Ratio Lower Upper

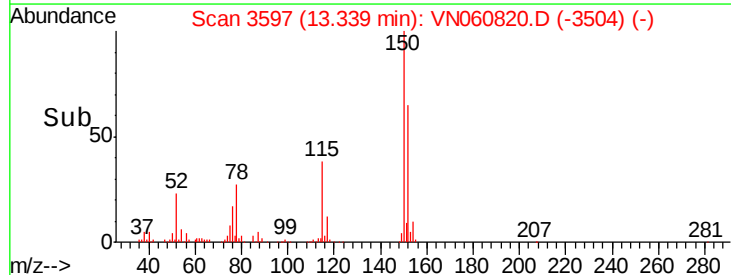
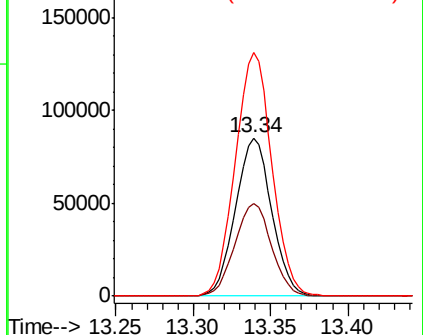
152 100

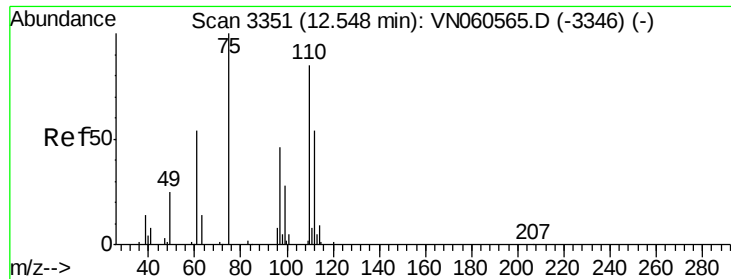
115 59.3 30.2 90.6

150 155.6 0.0 350.2



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: 25.452 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.15 min

Lab File: VN060820.D

Acq: 2 Apr 2020 13:54

Instrument :

MSVOA_N

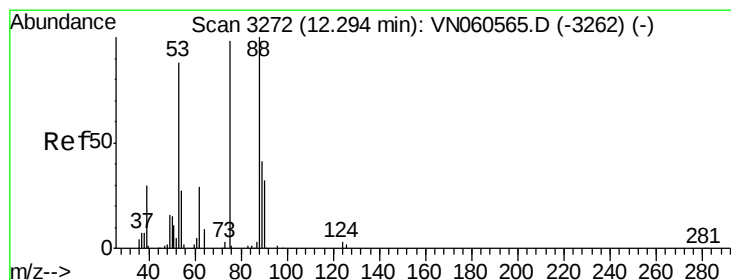
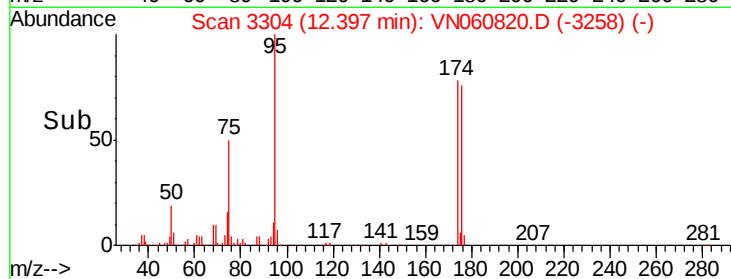
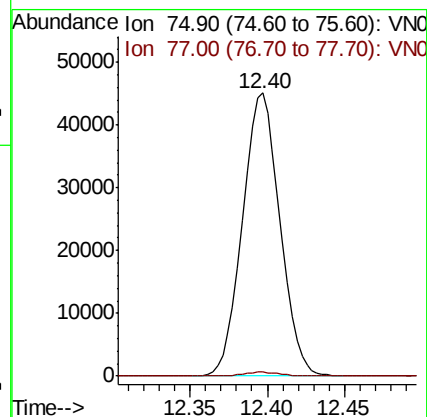
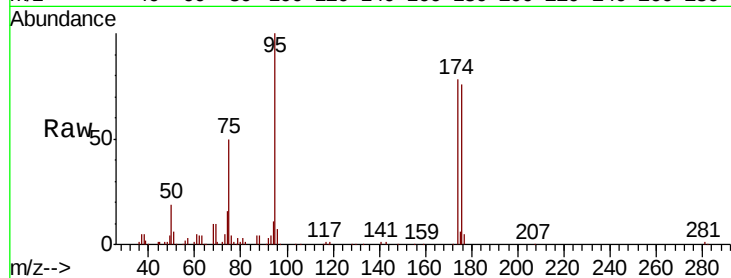
ClientSampled :

Tot Ion: 75 Resp: 75888

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 65.368 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.10 min

Lab File: VN060820.D

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Tgt Ion: 75 Resp: 75888

Ion Ratio Lower Upper

75 100

53 0.0 73.0 109.4#

89 0.0 34.8 52.2#

