

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031920\
 Data File : VN060625.D
 Acq On : 19 Mar 2020 10:26
 Operator : JC/MD
 Sample : VN0319WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 20 01:46:50 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

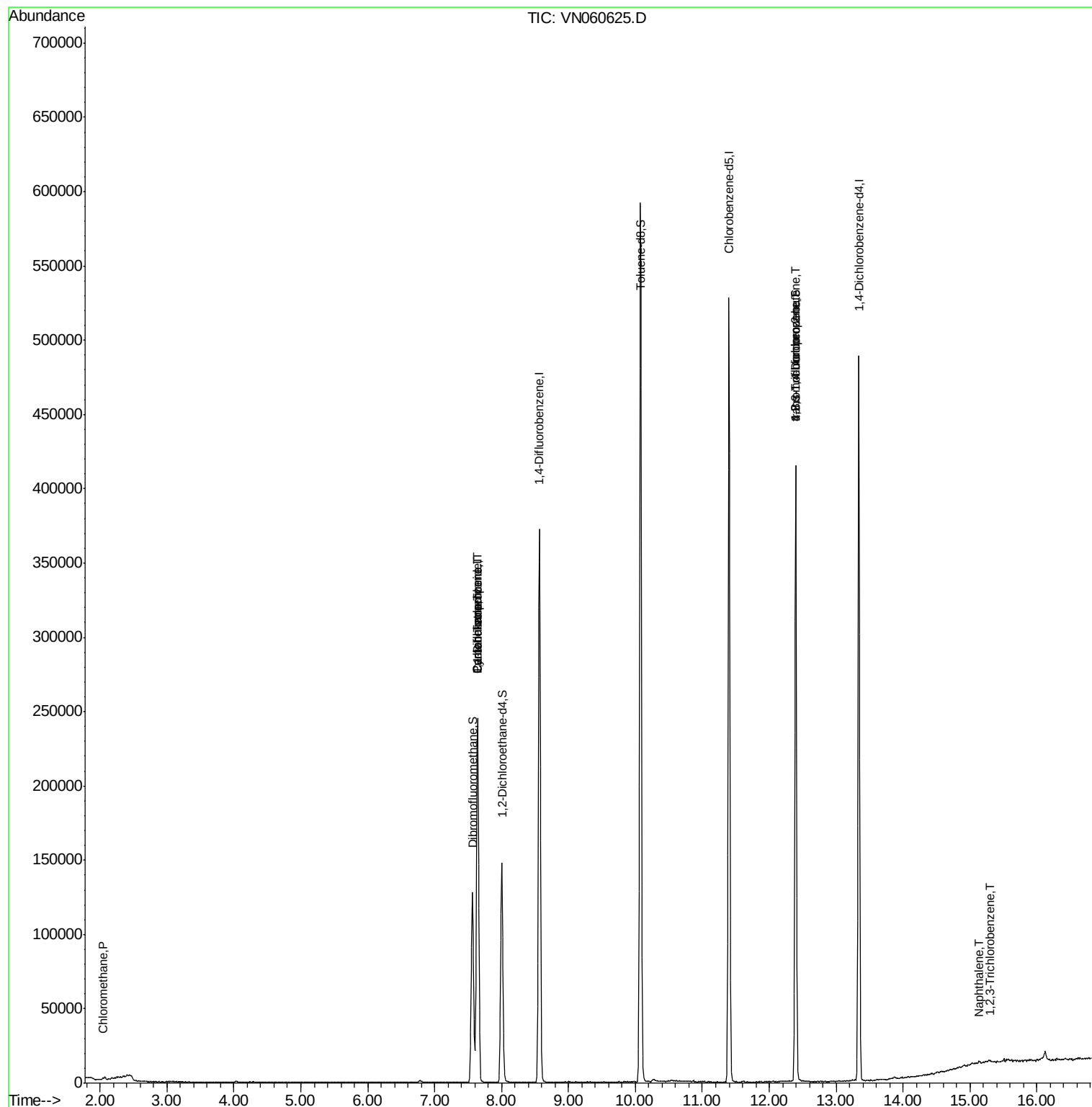
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	200188	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	333931	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	302111	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	126574	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	128056	46.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.20%	
35) Dibromofluoromethane	7.56	113	99383	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	
50) Toluene-d8	10.08	98	406116	49.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.48%	
62) 4-Bromofluorobenzene	12.40	95	146889	48.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.20%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.04	50	1066	0.295	ug/l	92
31) Cyclohexane	7.64	56	4279	0.967	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	15633	4.835	ug/l #	49
38) Carbon Tetrachloride	7.64	117	19545	6.744	ug/l #	16
76) 1,2,3-Trichloropropane	12.39	75	73202	26.802	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.39	75	73202	68.836	ug/l #	13
95) Naphthalene	15.13	128	1941	0.272	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.31	180	590	0.253	ug/l #	70

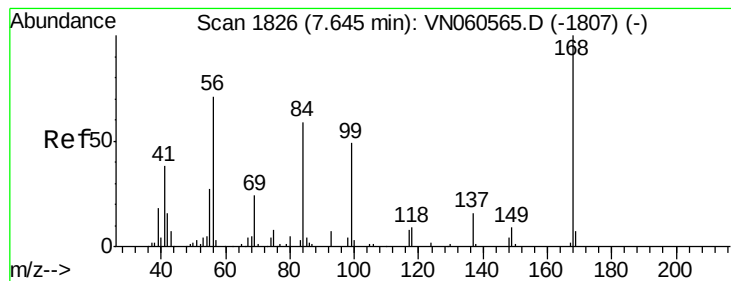
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
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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# 1825

Delta R.T. -0.00 min

Lab File: VN060625.D

Acq: 19 Mar 2020 10:26

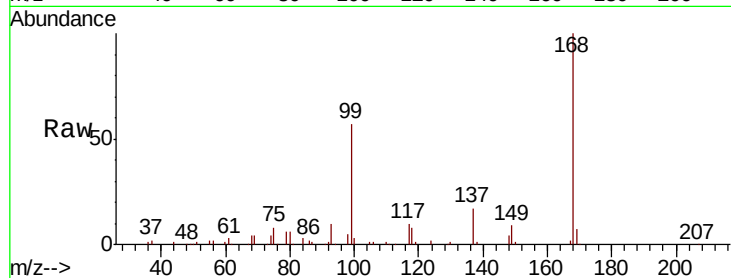
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 200188

Ion Ratio Lower Upper

168 100

99 57.1 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

80000

60000

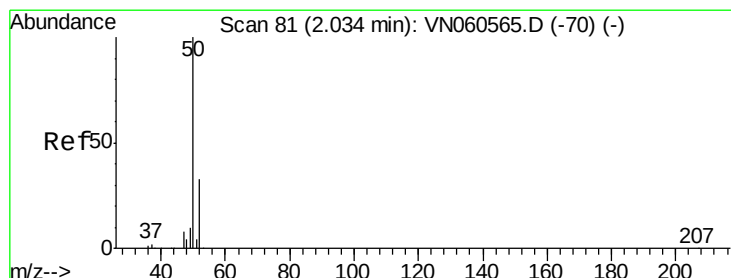
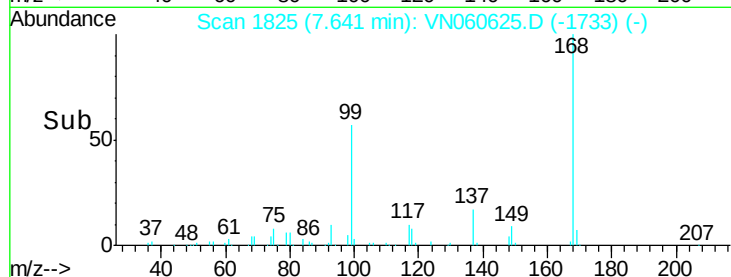
40000

20000

0

7.55 7.60 7.65 7.70 7.75

Time-->



#3

Chloromethane

Concen: 0.295 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN060625.D

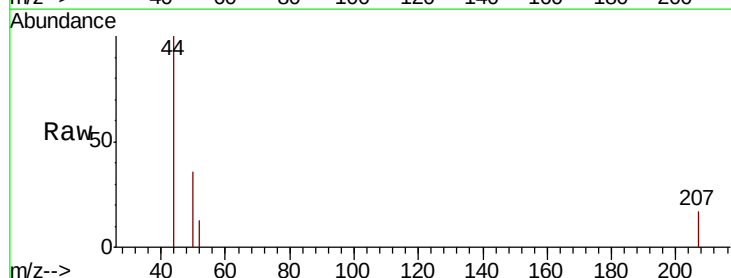
Acq: 19 Mar 2020 10:26

Tgt Ion: 50 Resp: 1066

Ion Ratio Lower Upper

50 100

52 37.4 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN

2.04

800

600

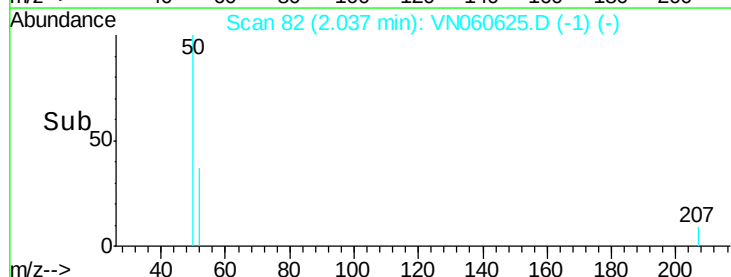
400

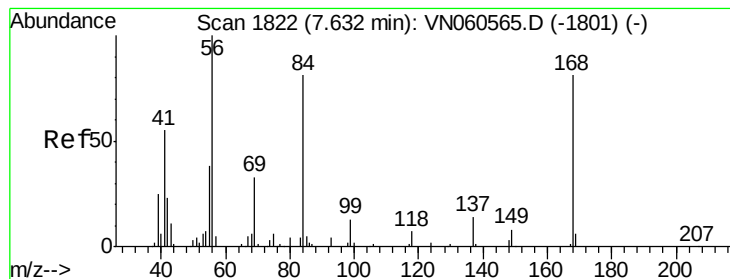
200

0

2.00 2.02 2.04 2.06

Time-->





#31

Cyclohexane

Concen: 0.967 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. 0.01 min

Lab File: VN060625.D

Acq: 19 Mar 2020 10:26

Instrument :
MSVOA_N
ClientSampled :

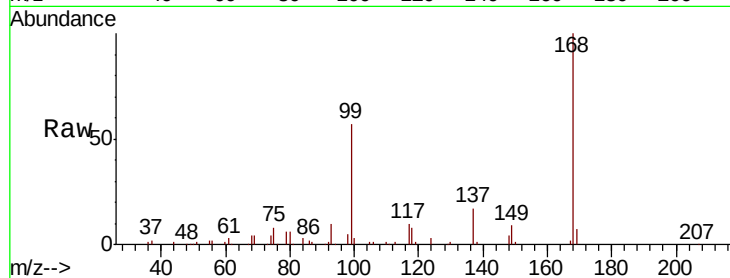
Tot Ion: 56 Resp: 4279

Ion Ratio Lower Upper

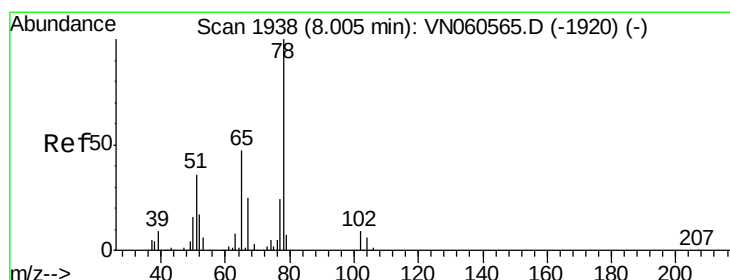
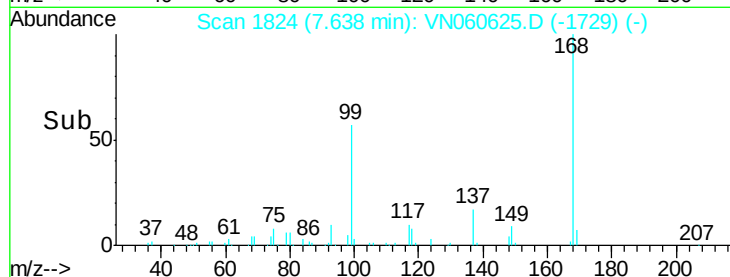
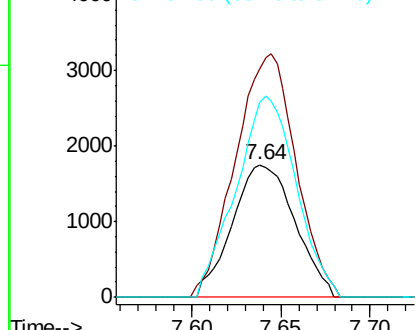
56 100

69 172.6 26.6 40.0#

84 147.4 64.3 96.5#



Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0



#33

1,2-Dichloroethane-d4

Concen: 46.598 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. -0.00 min

Lab File: VN060625.D

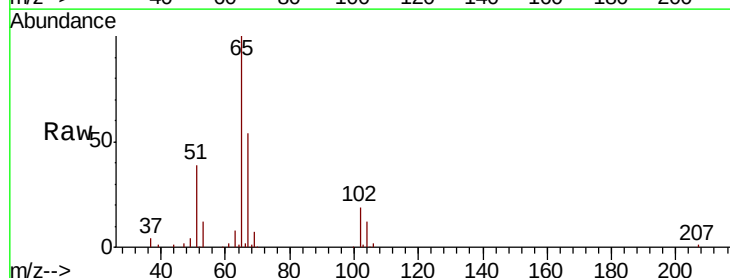
Acq: 19 Mar 2020 10:26

Tgt Ion: 65 Resp: 128056

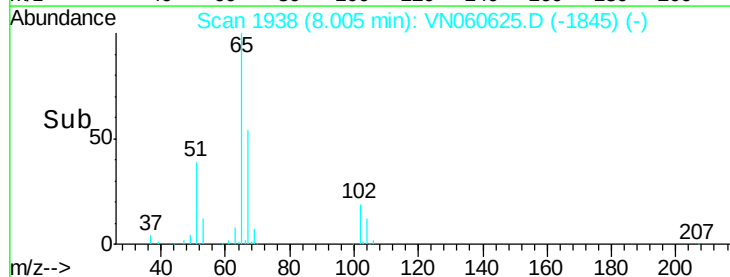
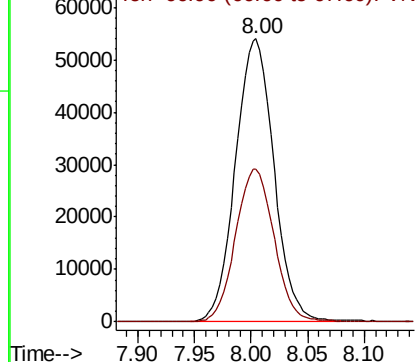
Ion Ratio Lower Upper

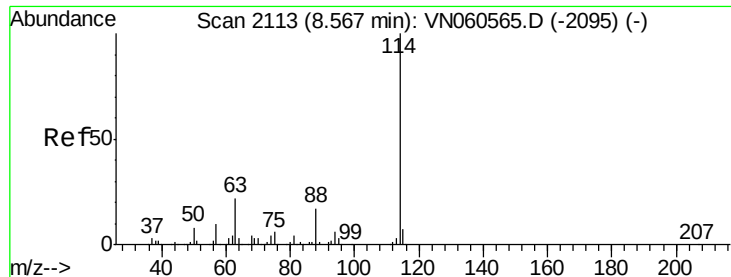
65 100

67 54.2 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

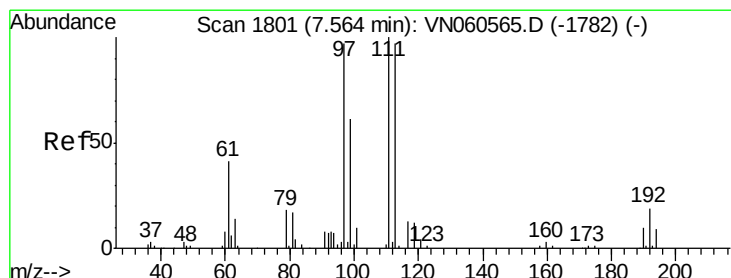
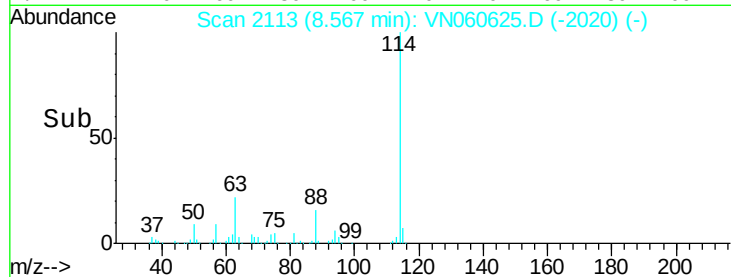
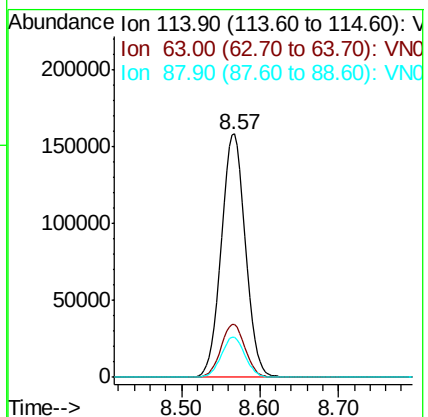
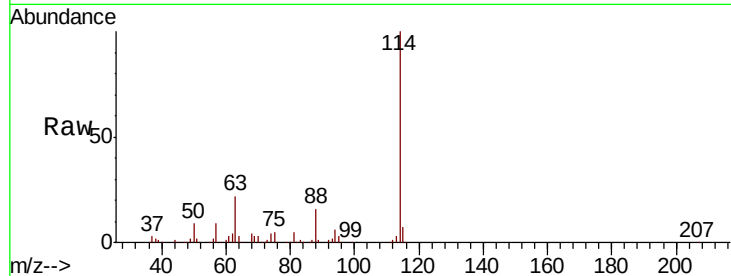




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN060625.D
 Acq: 19 Mar 2020 10:26

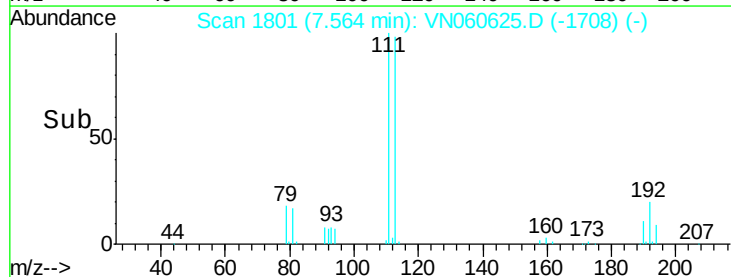
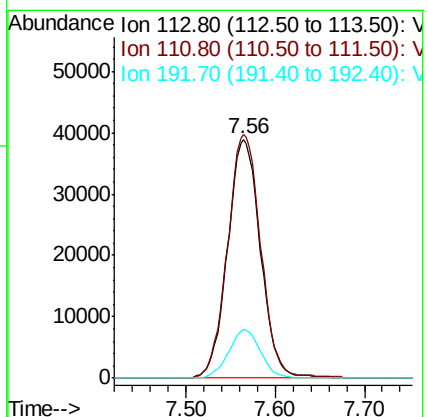
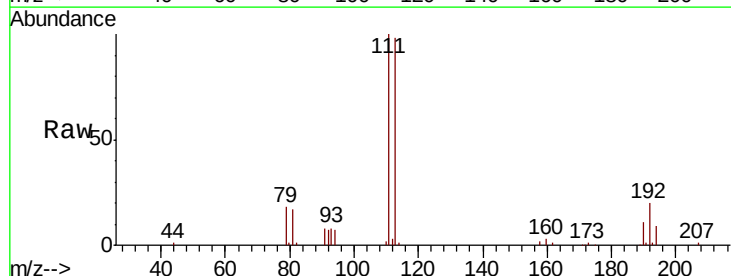
Instrument :
 MSVOA_N
 ClientSampleId :

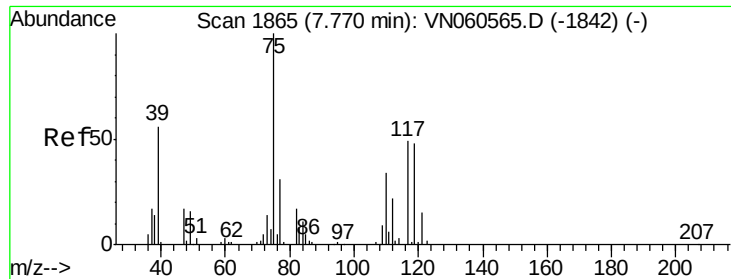
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	43.8
88	16.3	0.0	33.0



#35
 Dibromofluoromethane
 Concen: 49.220 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN060625.D
 Acq: 19 Mar 2020 10:26

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.9	124.3
192	19.6	15.8	23.8





#36

1,1-Dichloropropene

Concen: 4.835 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. -0.13 min

Lab File: VN060625.D

Acq: 19 Mar 2020 10:26

Instrument :
MSVOA_N
ClientSampled :

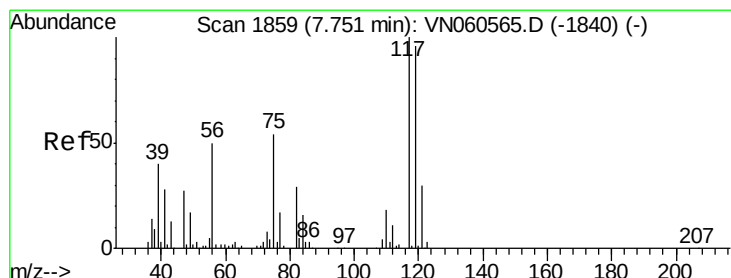
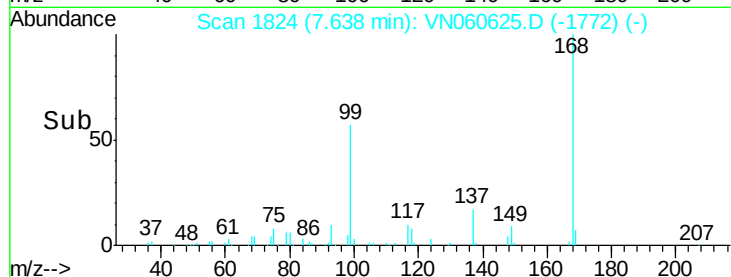
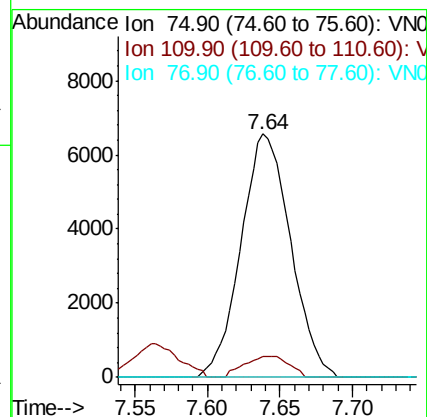
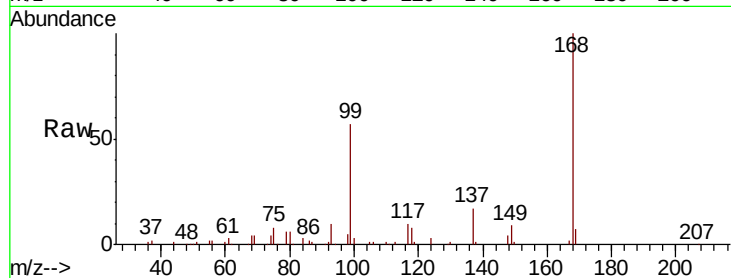
Tot Ion: 75 Resp: 15633

Ion Ratio Lower Upper

75 100

110 7.8 16.9 50.6#

77 0.0 24.6 36.8#



#38

Carbon Tetrachloride

Concen: 6.744 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.11 min

Lab File: VN060625.D

Acq: 19 Mar 2020 10:26

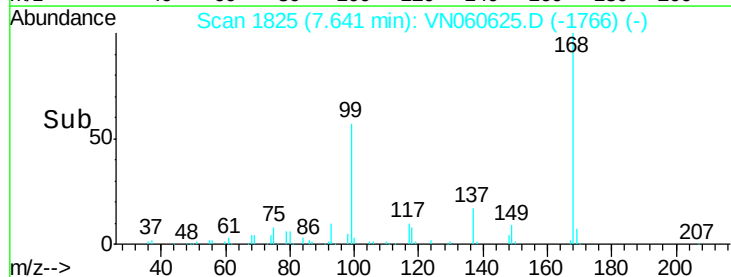
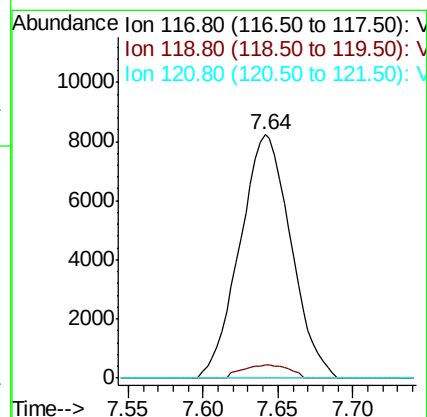
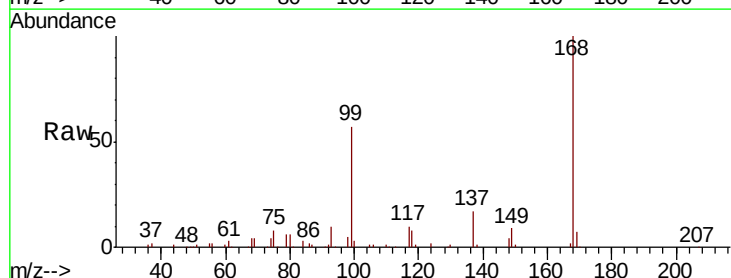
Tgt Ion: 117 Resp: 19545

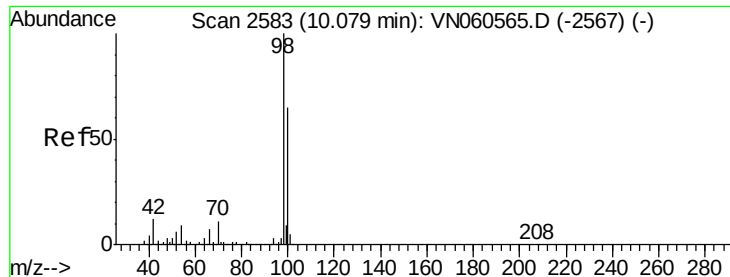
Ion Ratio Lower Upper

117 100

119 5.3 76.2 114.2#

121 0.0 23.7 35.5#





#50

Toluene-d8

Concen: 49.241 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN060625.D

Acq: 19 Mar 2020 10:26

Instrument :

MSVOA_N

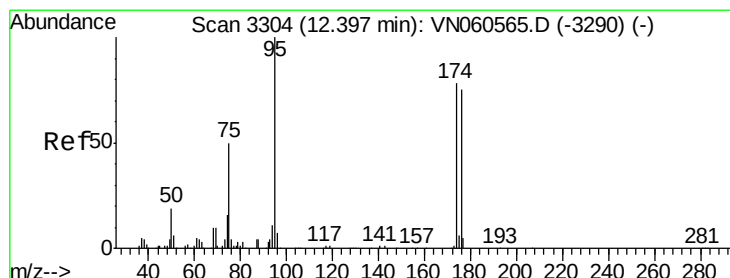
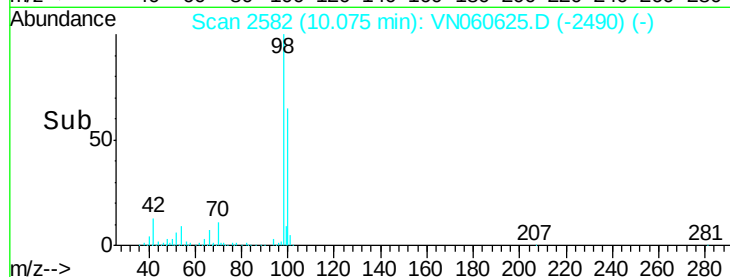
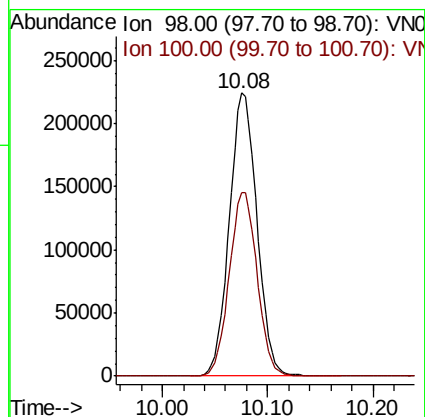
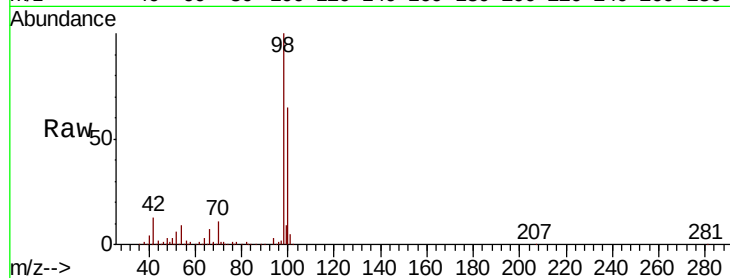
ClientSampleId :

Tot Ion: 98 Resp: 406116

Ion Ratio Lower Upper

98 100

100 65.5 51.8 77.8



#62

4-Bromofluorobenzene

Concen: 48.597 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060625.D

Acq: 19 Mar 2020 10:26

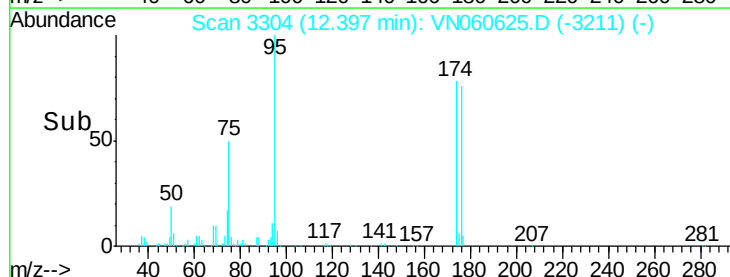
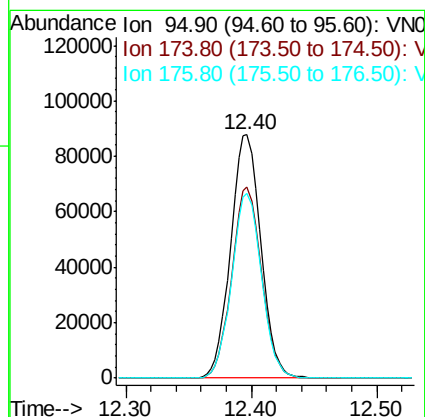
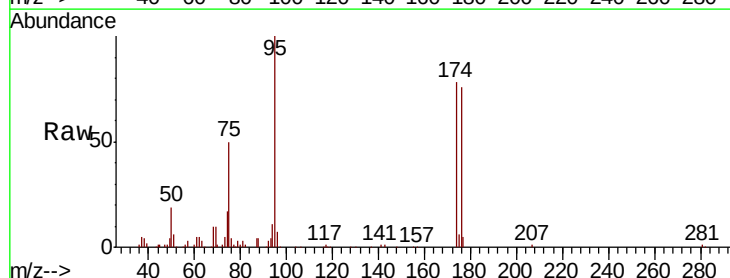
Tgt Ion: 95 Resp: 146889

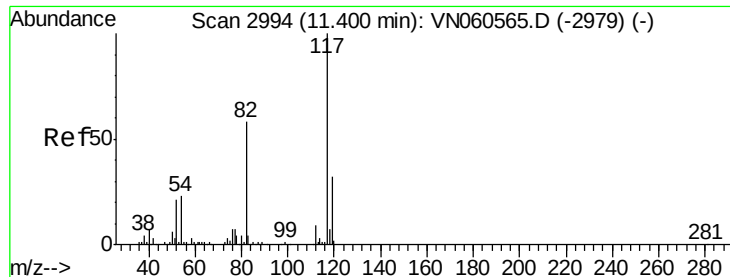
Ion Ratio Lower Upper

95 100

174 77.3 0.0 157.6

176 75.1 0.0 150.6

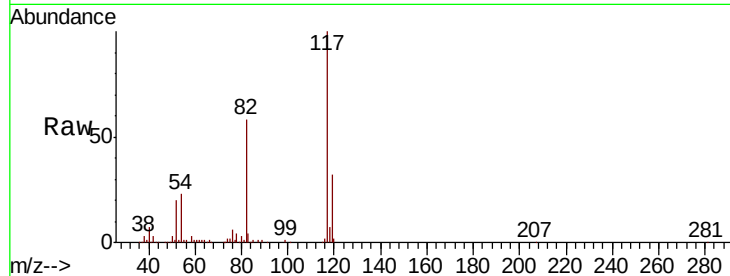




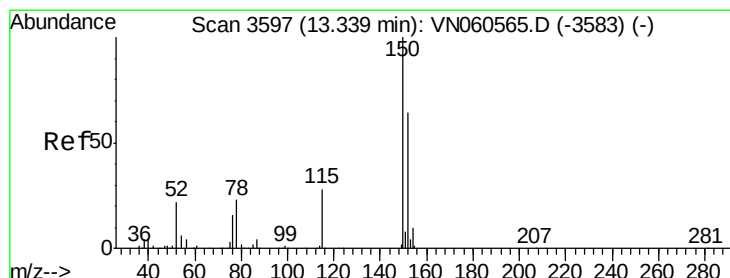
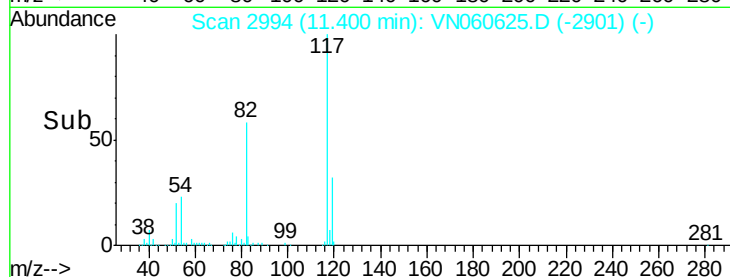
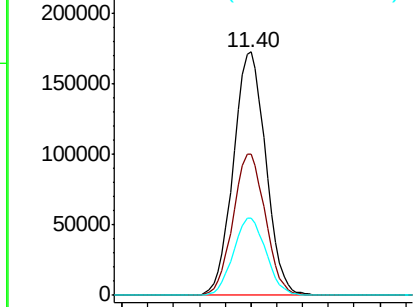
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060625.D
Acq: 19 Mar 2020 10:26

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 302111
Ion Ratio Lower Upper
117 100
82 57.8 46.7 70.1
119 31.7 25.5 38.3

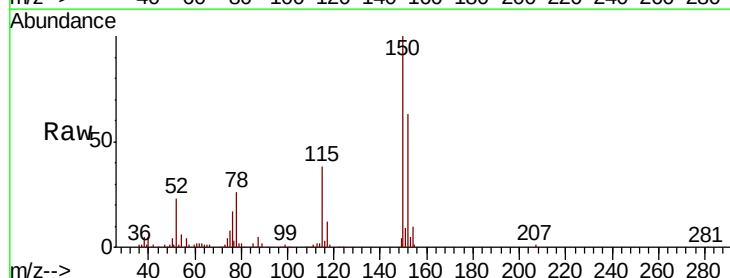


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

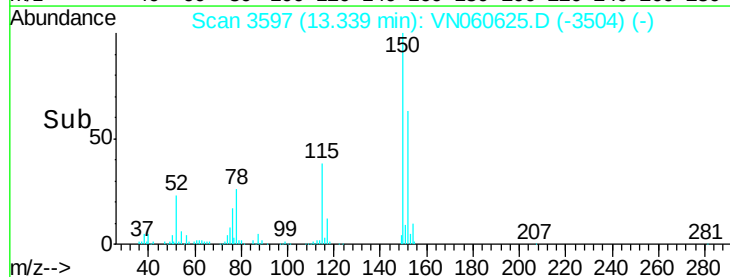
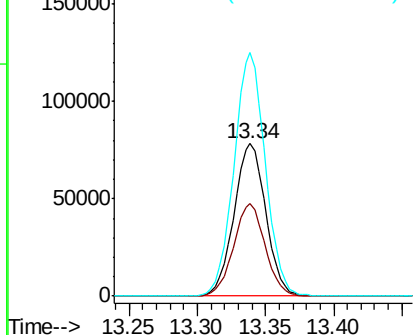


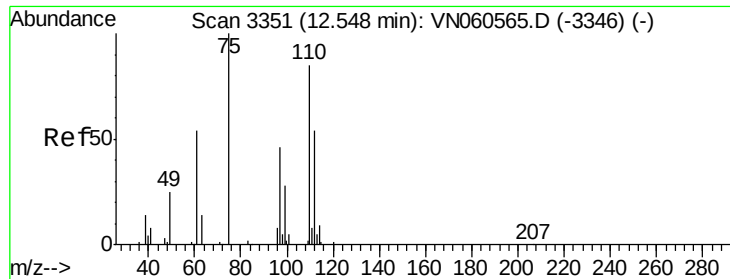
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN060625.D
Acq: 19 Mar 2020 10:26

Tgt Ion:152 Resp: 126574
Ion Ratio Lower Upper
152 100
115 60.2 30.2 90.6
150 157.3 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: 26.802 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. -0.15 min

Lab File: VN060625.D

Acq: 19 Mar 2020 10:26

Instrument :

MSVOA_N

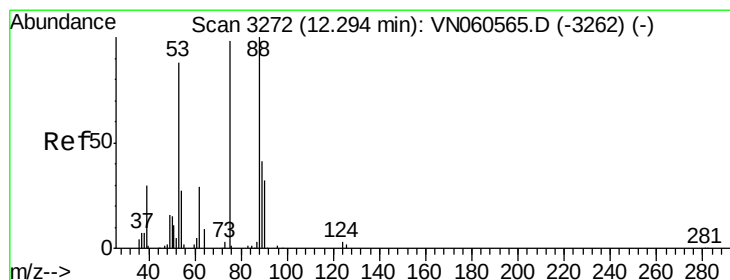
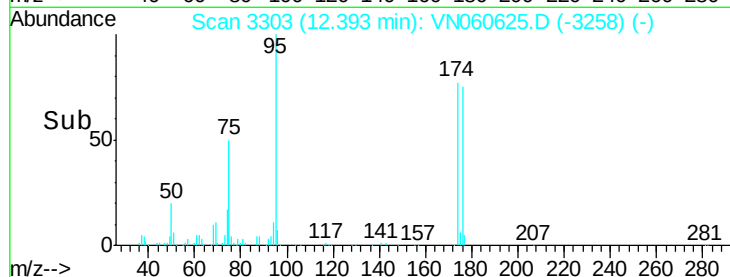
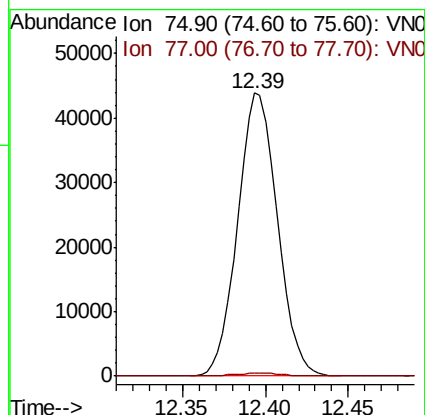
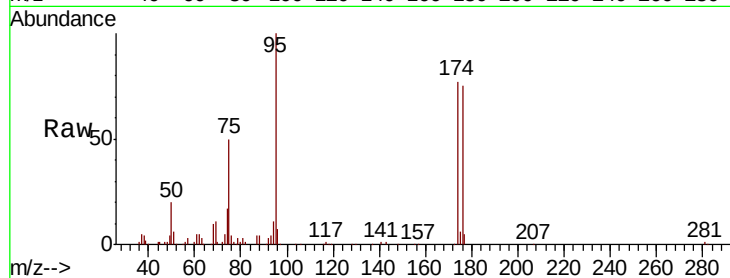
ClientSampled :

Tot Ion: 75 Resp: 73202

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 68.836 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. 0.10 min

Lab File: VN060625.D

Acq: 19 Mar 2020 10:26

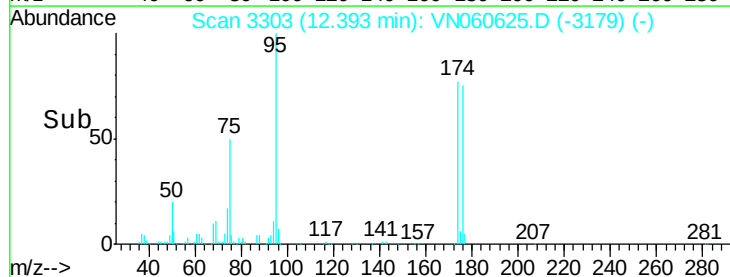
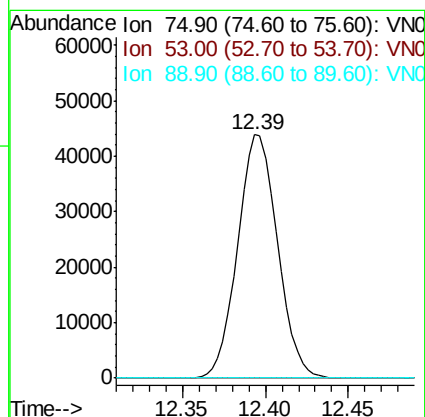
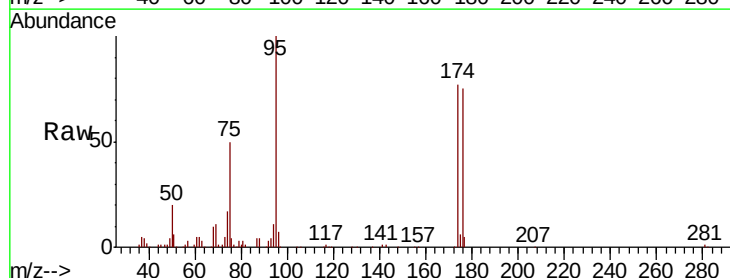
Tgt Ion: 75 Resp: 73202

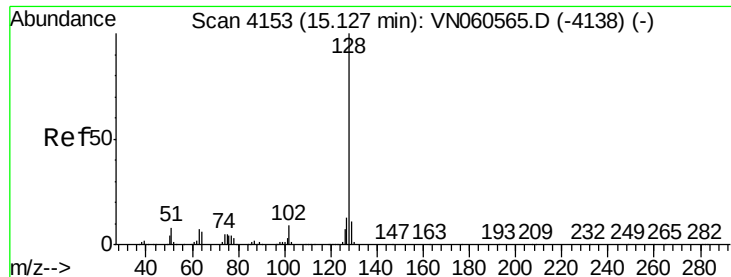
Ion Ratio Lower Upper

75 100

53 0.0 73.0 109.4#

89 0.0 34.8 52.2#





#95

Naphthalene

Concen: 0.272 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN060625.D

Acq: 19 Mar 2020 10:26

Instrument :

MSVOA_N

ClientSampleId :

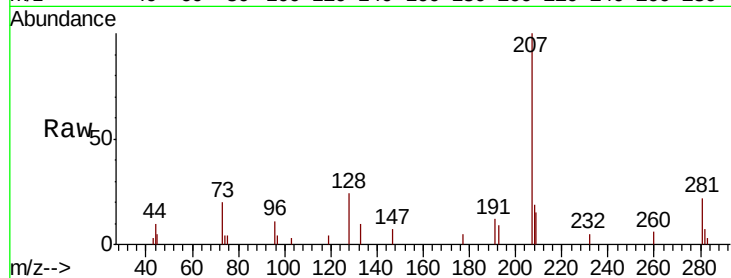
Tot Ion:128 Resp: 1941

Ion Ratio Lower Upper

128 100

127 0.0 10.2 15.2#

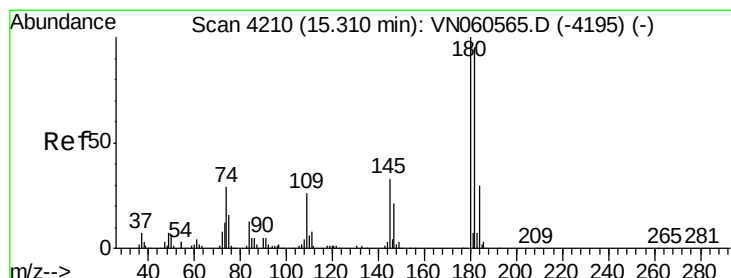
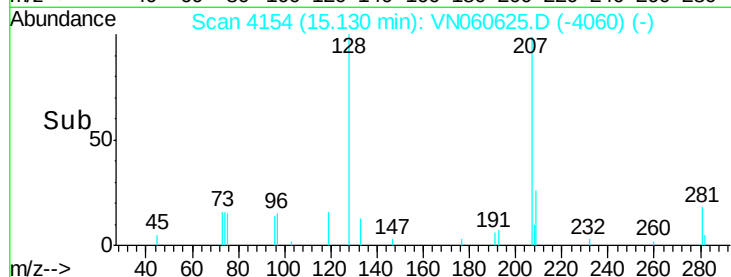
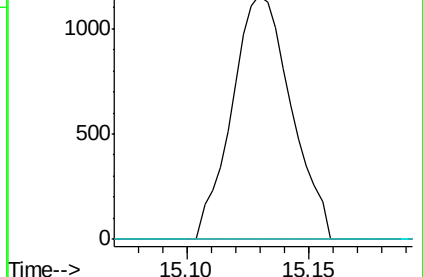
129 0.0 8.8 13.2#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 0.253 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. -0.00 min

Lab File: VN060625.D

Acq: 19 Mar 2020 10:26

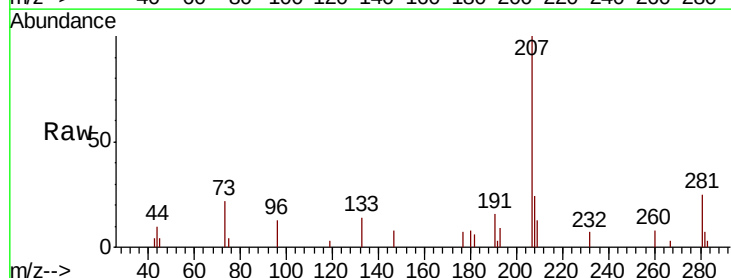
Tgt Ion:180 Resp: 590

Ion Ratio Lower Upper

180 100

182 75.8 47.5 142.6

145 0.0 16.3 48.8#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

