

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040120\
 Data File : VN060809.D
 Acq On : 1 Apr 2020 14:41
 Operator : JC/MD
 Sample : L2106-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-01-200331

Quant Time: Apr 02 09:02:59 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	196382	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	327125	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	306968	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	137394	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	127059	47.13	ug/l	0.00
Spiked Amount			Recovery	=	94.26%	
35) Dibromofluoromethane	7.56	113	96284	48.68	ug/l	0.00
Spiked Amount			Recovery	=	97.36%	
50) Toluene-d8	10.08	98	402763	49.85	ug/l	0.00
Spiked Amount			Recovery	=	99.70%	
62) 4-Bromofluorobenzene	12.40	95	151001	51.00	ug/l	0.00
Spiked Amount			Recovery	=	102.00%	

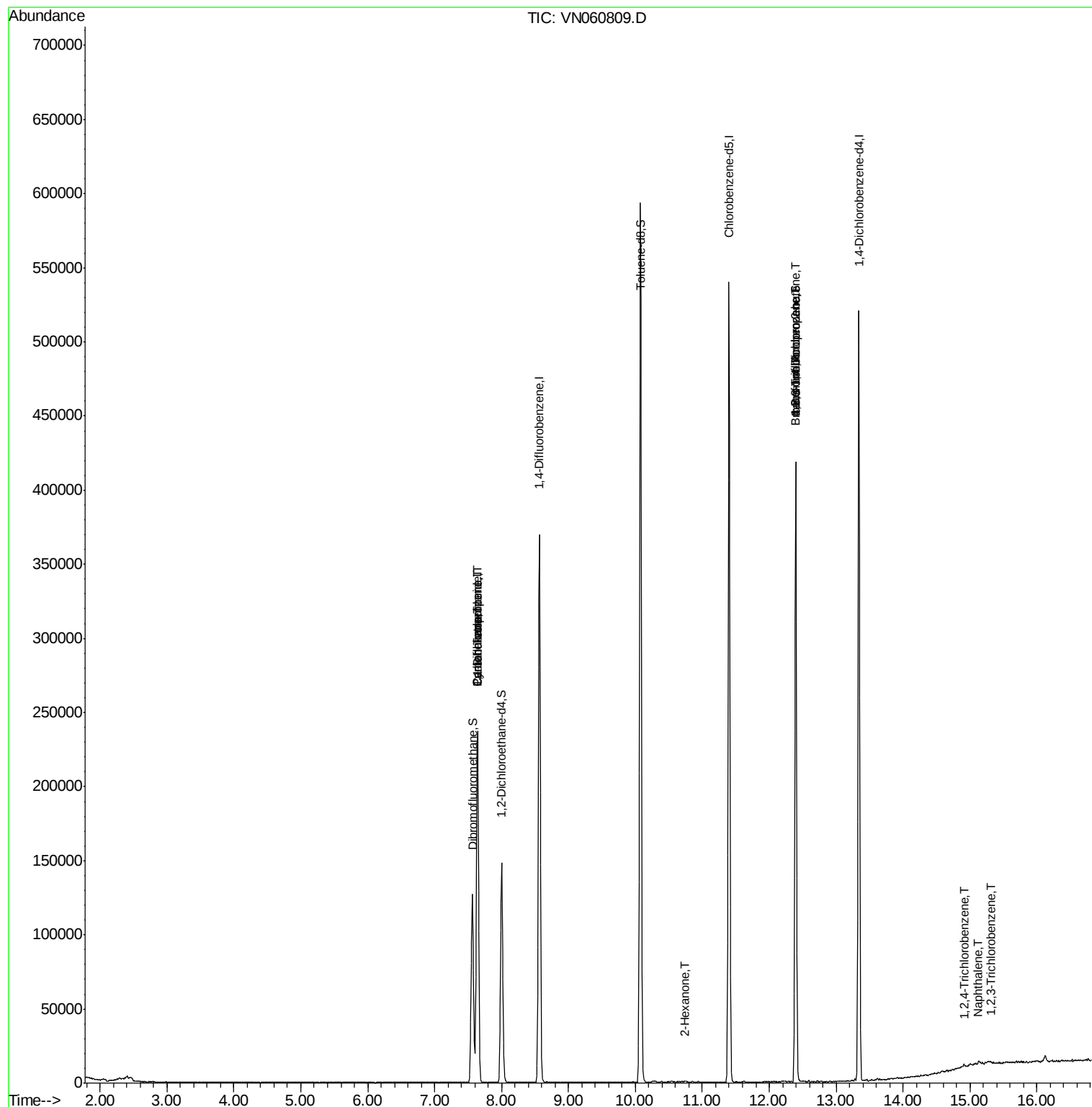
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Cyclohexane	7.64	56	4095	0.943	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	15452	4.878	ug/l #	50
38) Carbon Tetrachloride	7.64	117	18329	6.456	ug/l #	17
59) 2-Hexanone	10.75	43	654	0.283	ug/l #	25
71) Bromoform	12.38	173	108	1.737	ug/l #	1
76) 1,2,3-Trichloropropane	12.39	75	75010	25.301	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.39	75	75010	64.981	ug/l #	13
93) 1,2,4-Trichlorobenzene	14.91	180	617	0.240	ug/l #	87
95) Naphthalene	15.13	128	2163	0.279	ug/l #	82
96) 1,2,3-Trichlorobenzene	15.31	180	667	0.263	ug/l #	85

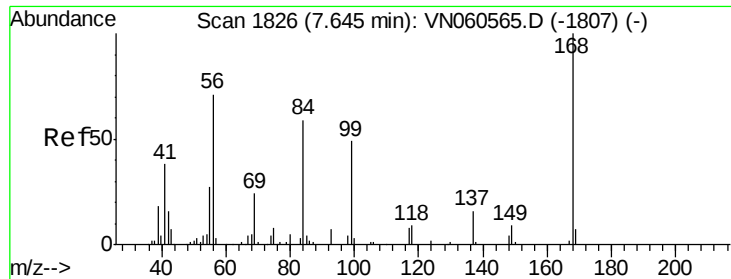
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN040120\
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Acq On : 1 Apr 2020 14:41
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Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 7 Sample Multiplier: 1

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TB-01-200331

Quant Time: Apr 02 09:02:59 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# 1825

Delta R.T. -0.00 min

Lab File: VN060809.D

Acq: 1 Apr 2020 14:41

Instrument :

MSVOA_N

ClientSampleId :

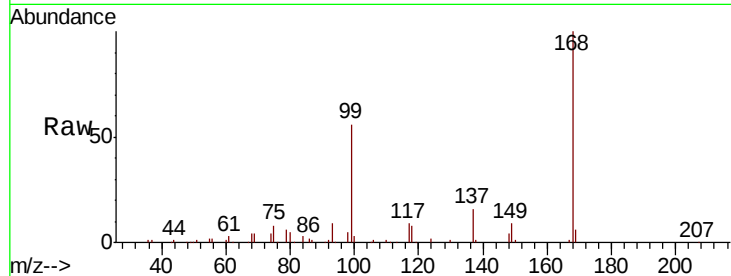
TB-01-200331

Tot Ion:168 Resp: 196382

Ion Ratio Lower Upper

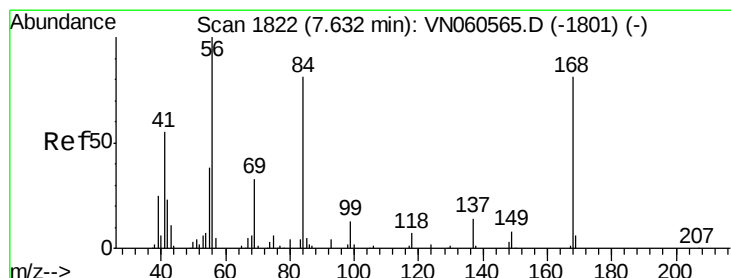
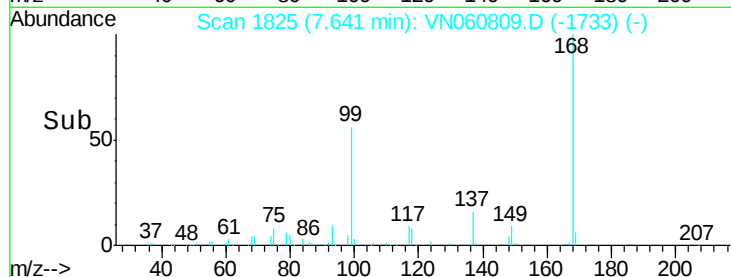
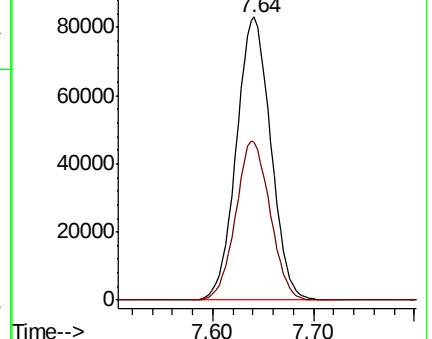
168 100

99 55.7 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#31

Cyclohexane

Concen: 0.943 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. 0.01 min

Lab File: VN060809.D

Acq: 1 Apr 2020 14:41

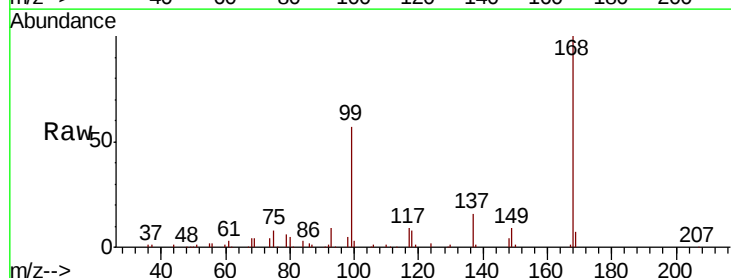
Tgt Ion: 56 Resp: 4095

Ion Ratio Lower Upper

56 100

69 165.6 26.6 40.0#

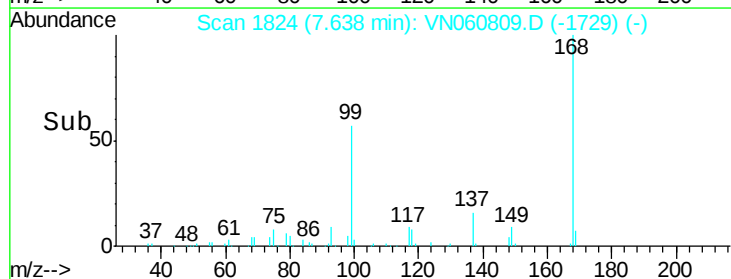
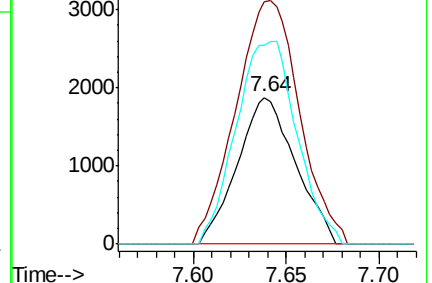
84 135.4 64.3 96.5#

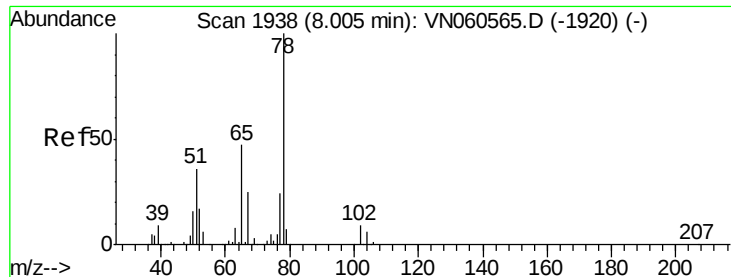


Abundance Ion 56.00 (55.70 to 56.70): VNO

Ion 69.00 (68.70 to 69.70): VNO

Ion 84.00 (83.70 to 84.70): VNO

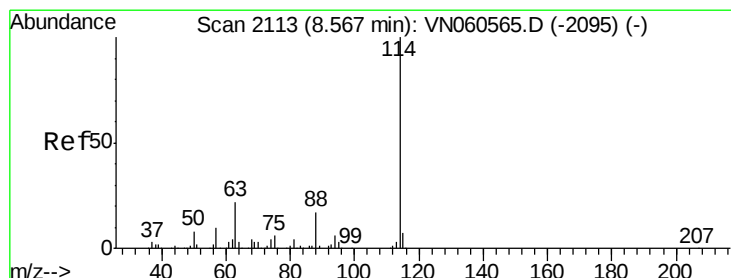
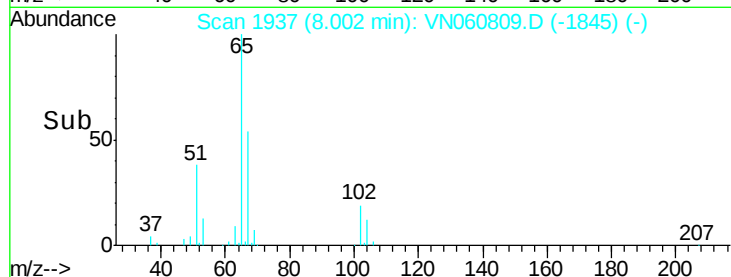
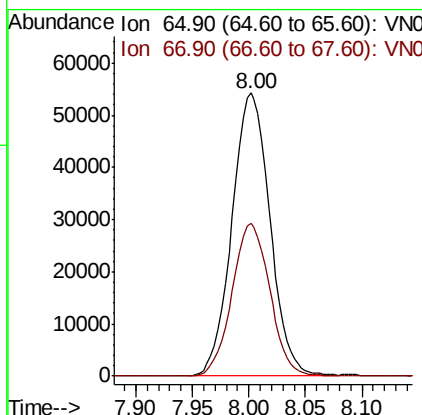
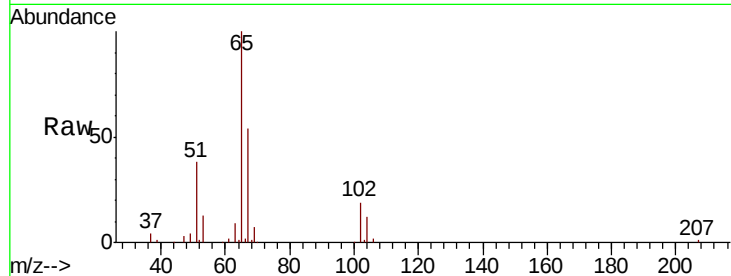




#33
 1,2-Dichloroethane-d4
 Concen: 47.131 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN060809.D
 Acq: 1 Apr 2020 14:41

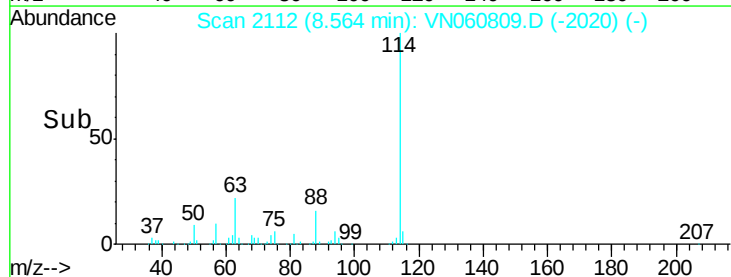
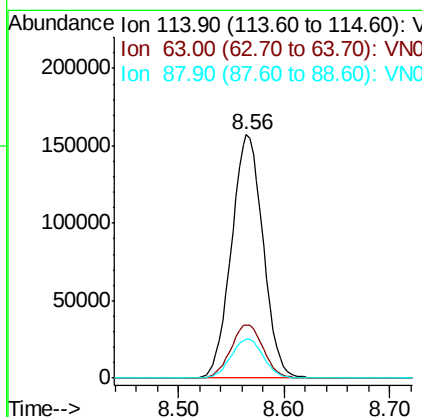
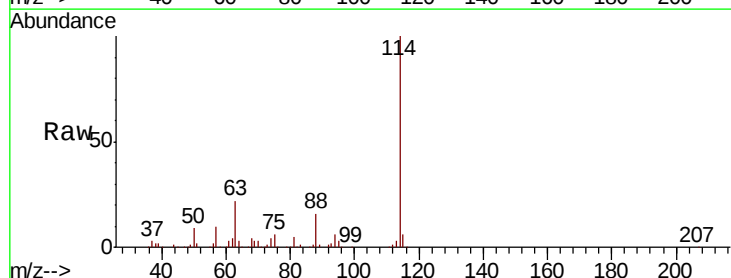
Instrument :
 MSVOA_N
 ClientSampleId :
 TB-01-200331

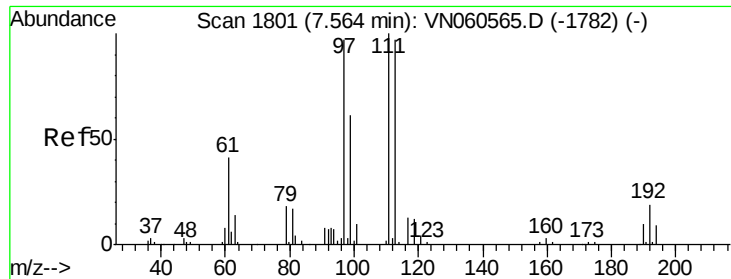
Tot Ion: 65 Resp: 127059
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN060809.D
 Acq: 1 Apr 2020 14:41

Tgt Ion: 114 Resp: 327125
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 43.8
 88 16.0 0.0 33.0

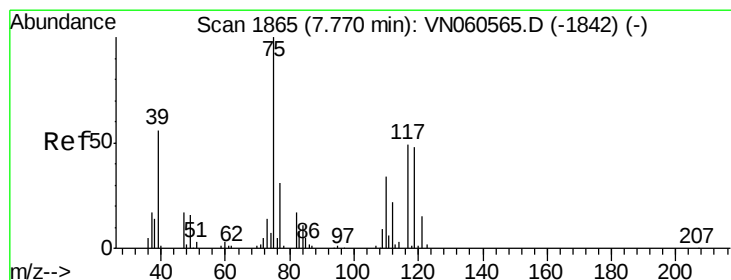
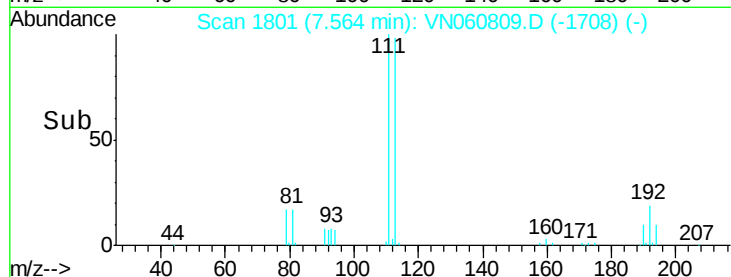
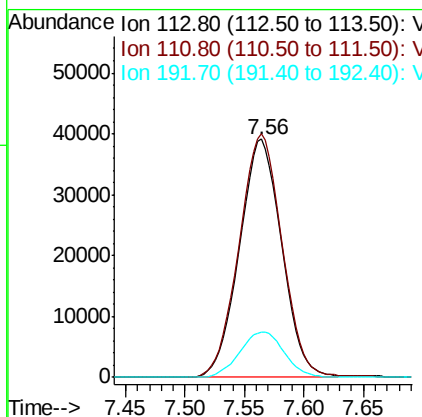
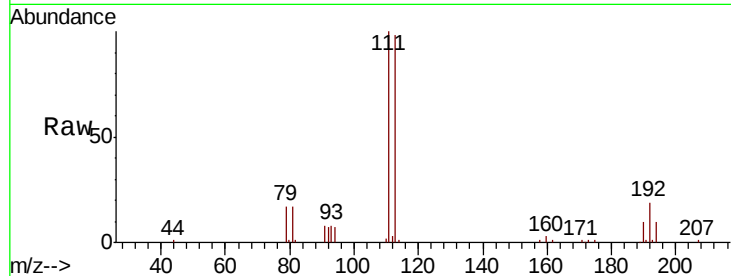




#35
 Dibromofluoromethane
 Concen: 48.677 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: VN060809.D
 Acq: 1 Apr 2020 14:41

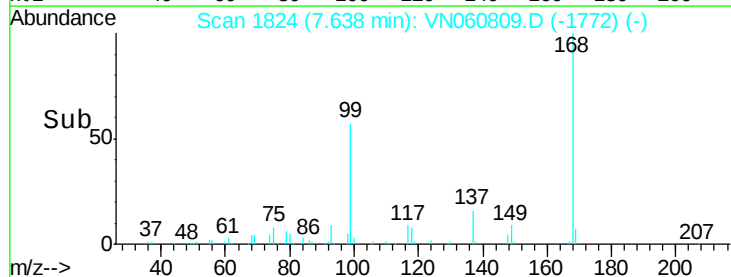
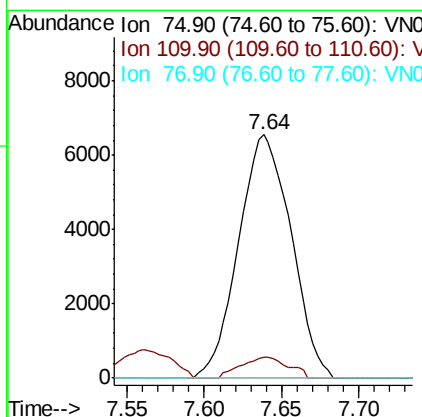
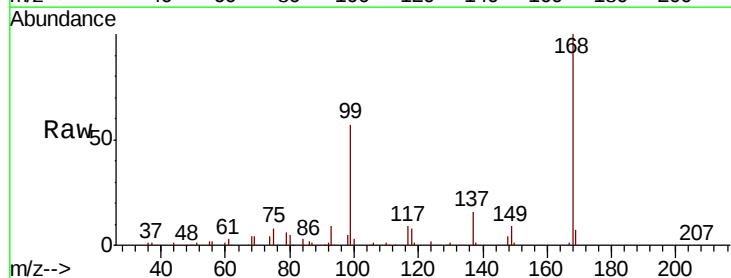
Instrument :
 MSVOA_N
 ClientSampled :
 TB-01-200331

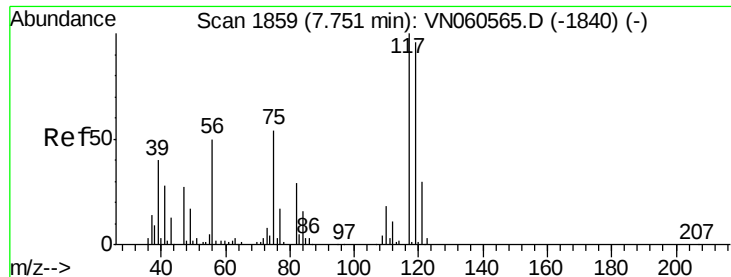
Tot Ion:113 Resp: 96284
 Ion Ratio Lower Upper
 113 100
 111 104.4 82.9 124.3
 192 20.0 15.8 23.8



#36
 1,1-Dichloropropene
 Concen: 4.878 ug/l
 RT: 7.64 min Scan# 1824
 Delta R.T. -0.13 min
 Lab File: VN060809.D
 Acq: 1 Apr 2020 14:41

Tgt Ion: 75 Resp: 15452
 Ion Ratio Lower Upper
 75 100
 110 7.8 16.9 50.6#
 77 0.0 24.6 36.8#





#38

Carbon Tetrachloride

Concen: 6.456 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. -0.11 min

Lab File: VN060809.D

Acq: 1 Apr 2020 14:41

Instrument :

MSVOA_N

ClientSampleId :

TB-01-200331

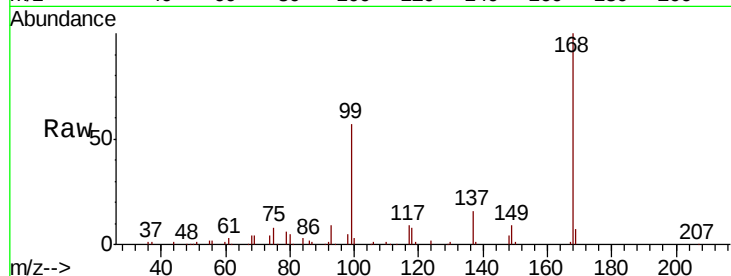
Tot Ion:117 Resp: 18329

Ion Ratio Lower Upper

117 100

119 5.5 76.2 114.2#

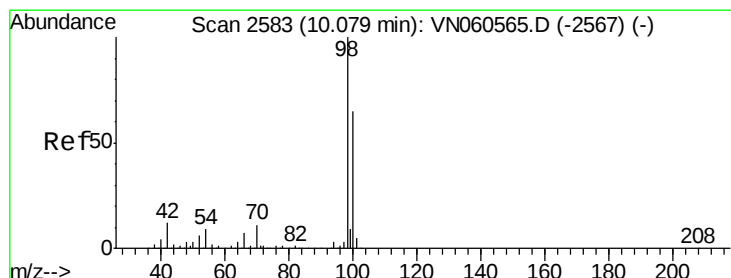
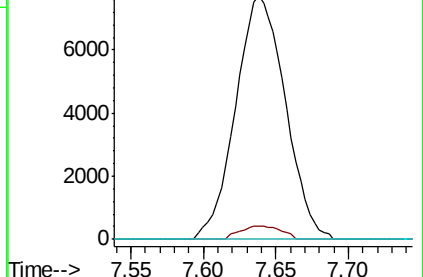
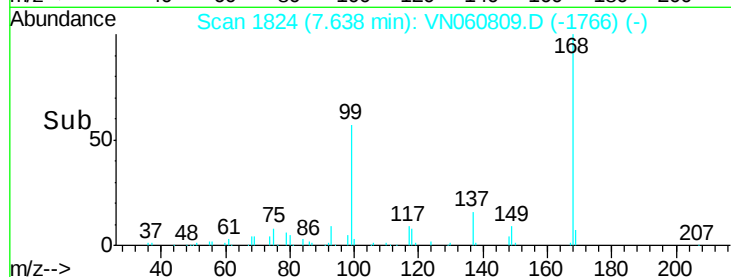
121 0.0 23.7 35.5#



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: 49.850 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN060809.D

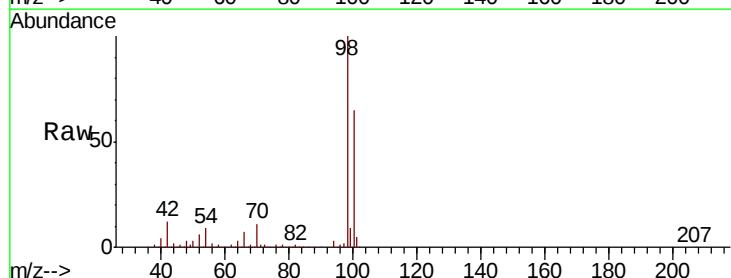
Acq: 1 Apr 2020 14:41

Tgt Ion: 98 Resp: 402763

Ion Ratio Lower Upper

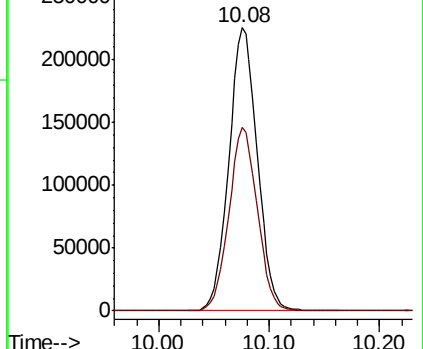
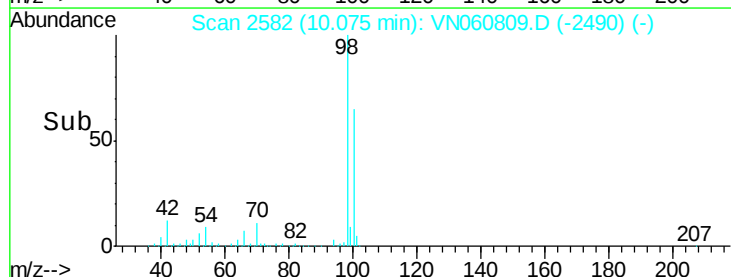
98 100

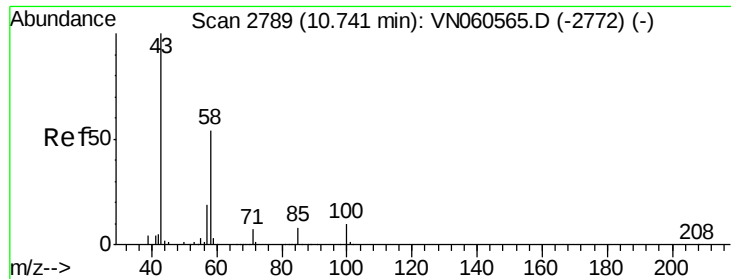
100 64.9 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V

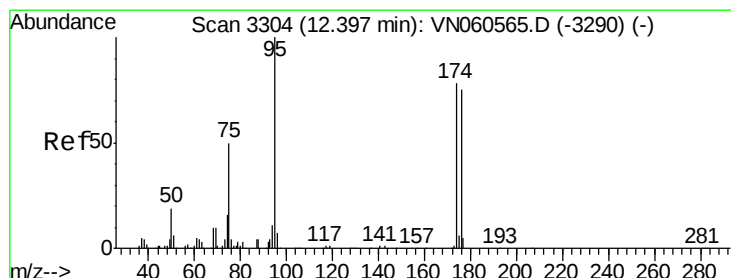
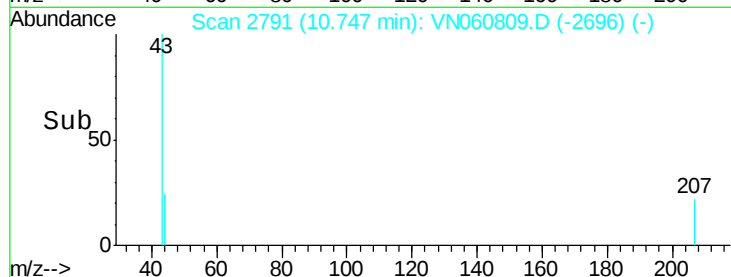
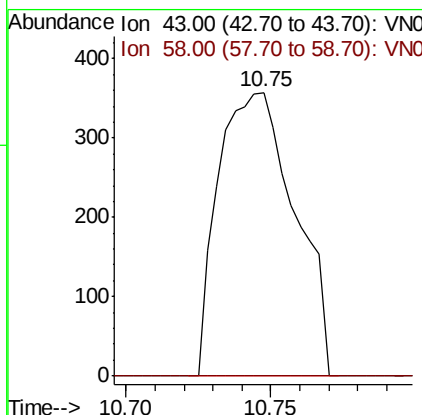
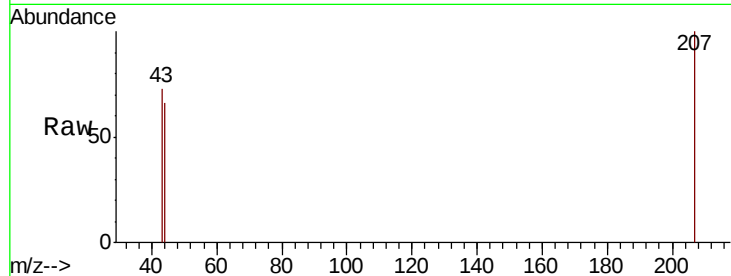




#59
2-Hexanone
Concen: 0.283 ug/l
RT: 10.75 min Scan# 2791
Delta R.T. 0.01 min
Lab File: VN060809.D
Acq: 1 Apr 2020 14:41

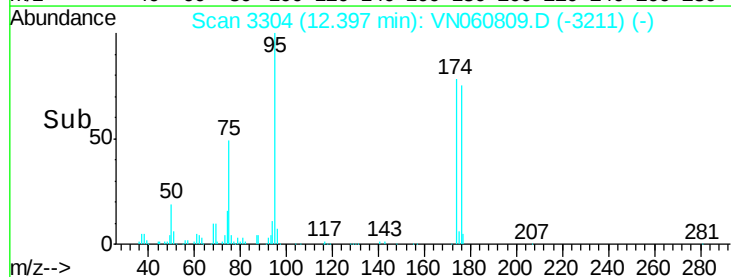
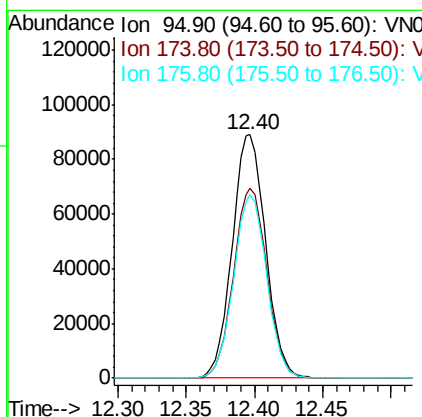
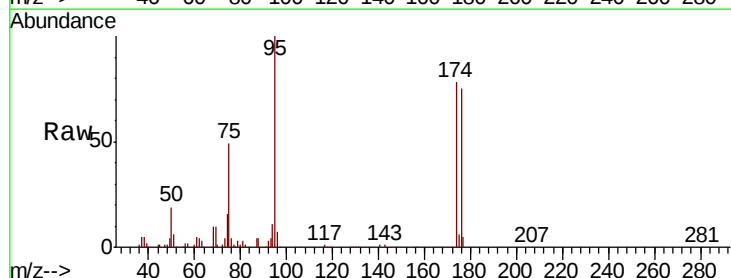
Instrument :
MSVOA_N
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TB-01-200331

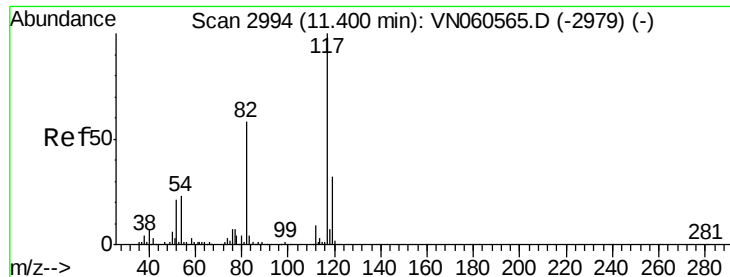
Tot Ion: 43 Resp: 654
Ion Ratio Lower Upper
43 100
58 0.0 26.7 80.1#



#62
4-Bromofluorobenzene
Concen: 50.997 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN060809.D
Acq: 1 Apr 2020 14:41

Tgt Ion: 95 Resp: 151001
Ion Ratio Lower Upper
95 100
174 78.0 0.0 157.6
176 74.8 0.0 150.6

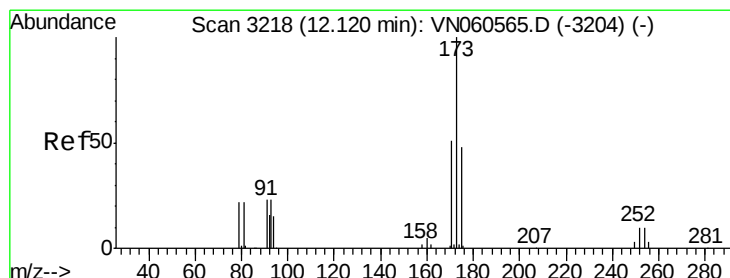
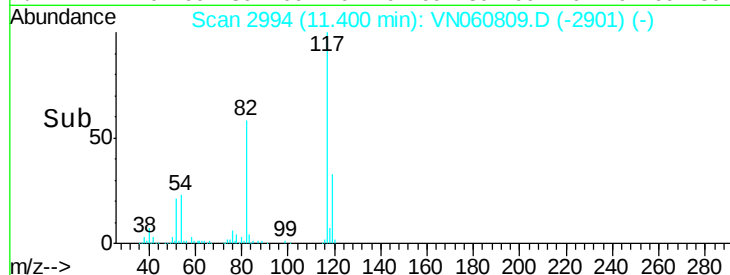
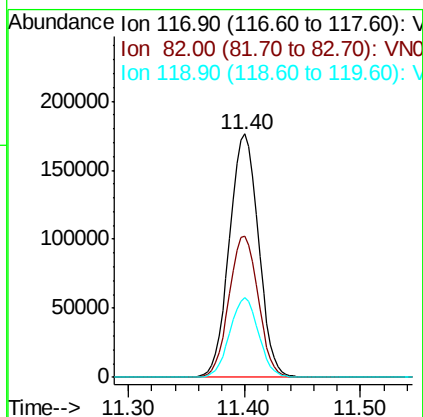
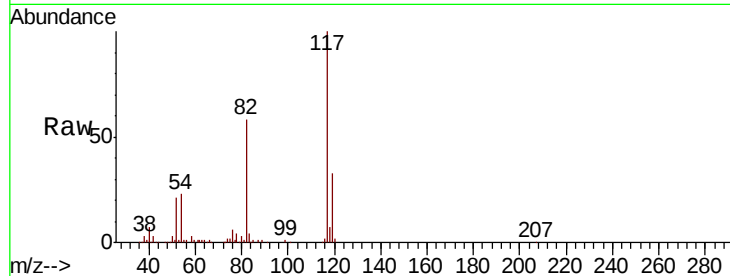




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060809.D
Acq: 1 Apr 2020 14:41

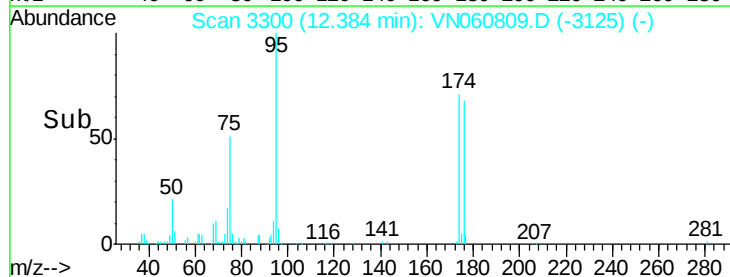
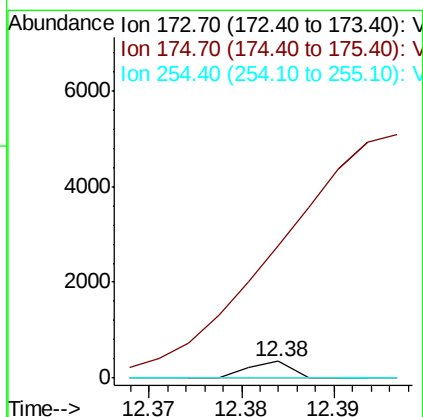
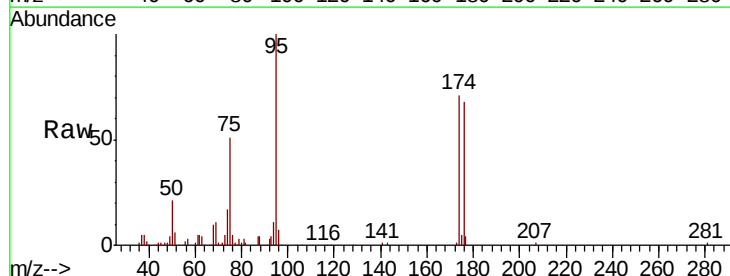
Instrument :
MSVOA_N
ClientSampled :
TB-01-200331

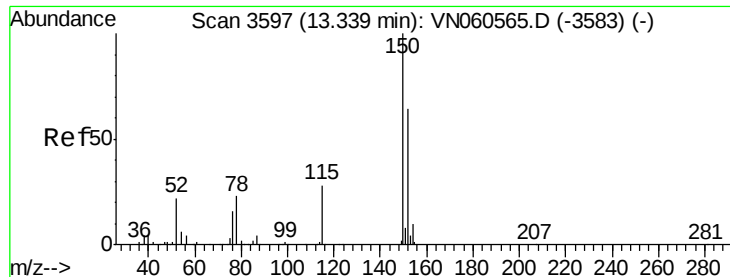
Tot Ion:117 Resp: 306968
Ion Ratio Lower Upper
117 100
82 57.8 46.7 70.1
119 32.5 25.5 38.3



#71
Bromoform
Concen: 1.737 ug/l
RT: 12.38 min Scan# 3300
Delta R.T. 0.26 min
Lab File: VN060809.D
Acq: 1 Apr 2020 14:41

Tgt Ion:173 Resp: 108
Ion Ratio Lower Upper
173 100
175 6754.6 24.1 72.4#
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: VN060809.D

Acq: 1 Apr 2020 14:41

Instrument :

MSVOA_N

ClientSampleId :

TB-01-200331

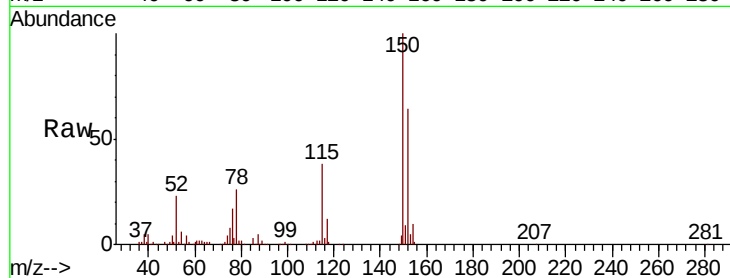
Tot Ion:152 Resp: 137394

Ion Ratio Lower Upper

152 100

115 59.9 30.2 90.6

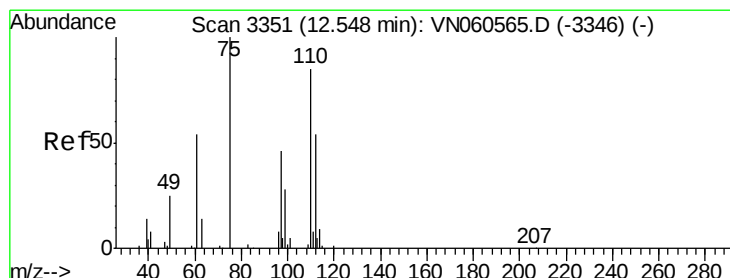
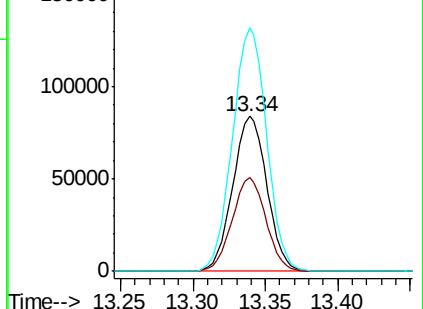
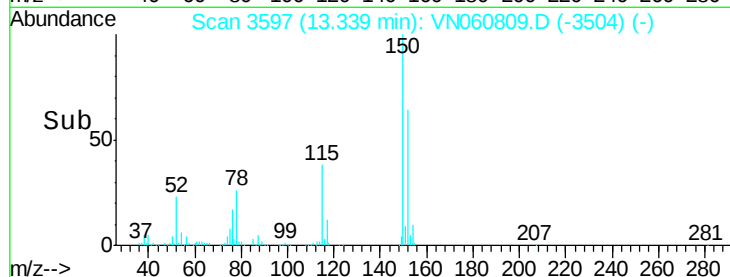
150 157.2 0.0 350.2



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: 25.301 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. -0.15 min

Lab File: VN060809.D

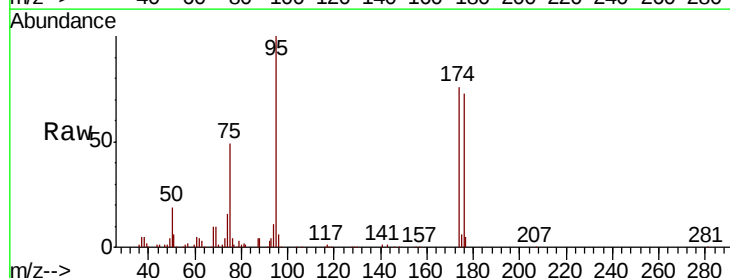
Acq: 1 Apr 2020 14:41

Tgt Ion: 75 Resp: 75010

Ion Ratio Lower Upper

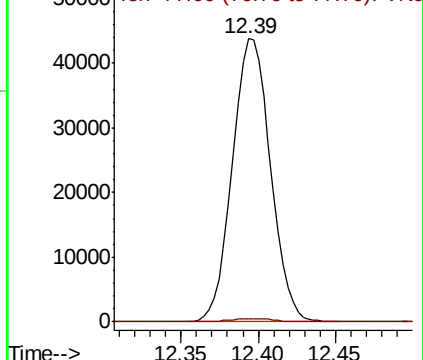
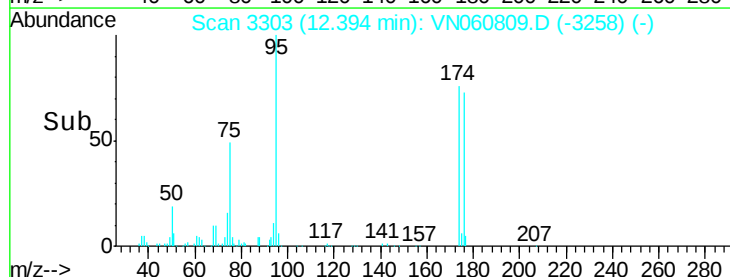
75 100

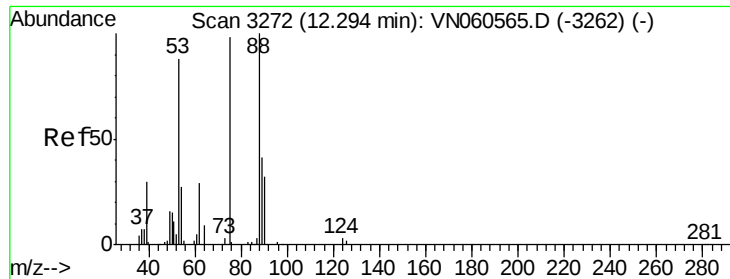
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 64.981 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. 0.10 min

Lab File: VN060809.D

Acq: 1 Apr 2020 14:41

Instrument :

MSVOA_N

ClientSampleId :

TB-01-200331

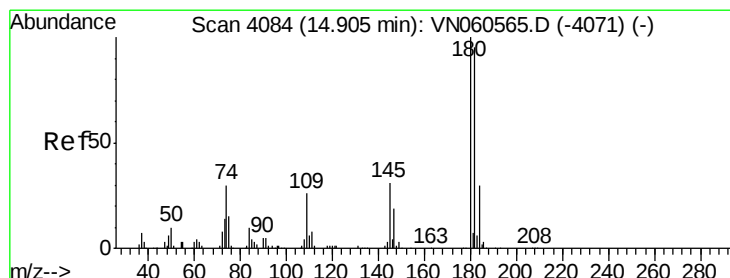
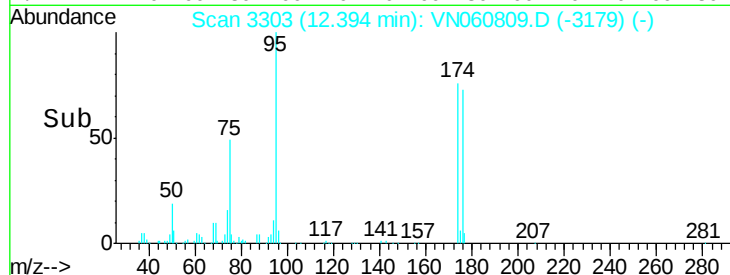
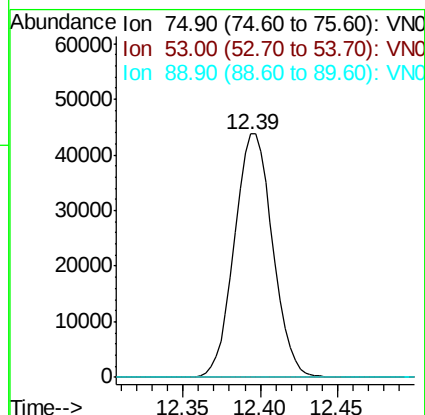
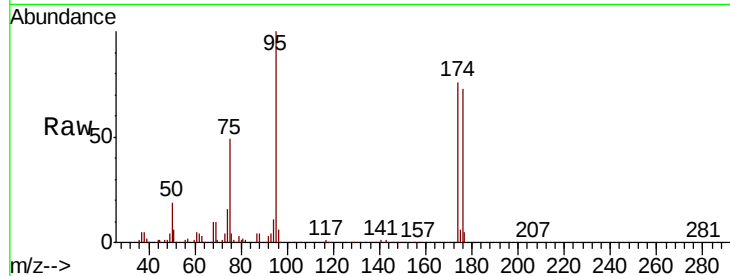
Tot Ion: 75 Resp: 75010

Ion Ratio Lower Upper

75 100

53 0.0 73.0 109.4#

89 0.0 34.8 52.2#



#93

1,2,4-Trichlorobenzene

Concen: 0.240 ug/l

RT: 14.91 min Scan# 4086

Delta R.T. 0.01 min

Lab File: VN060809.D

Acq: 1 Apr 2020 14:41

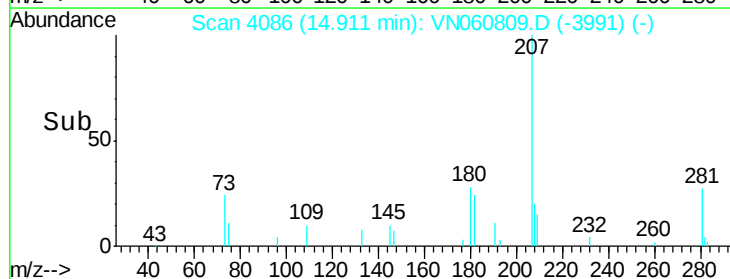
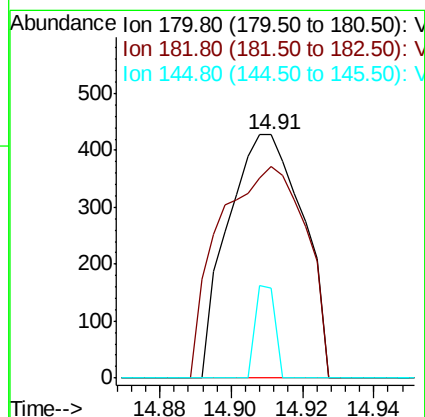
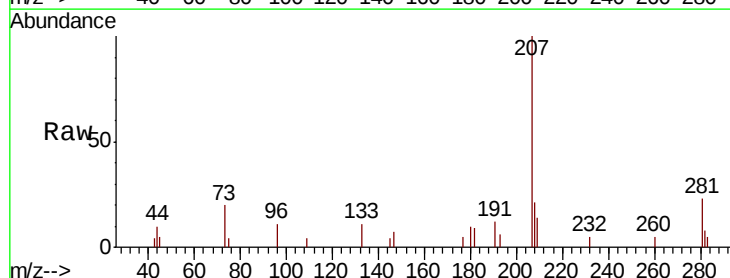
Tgt Ion: 180 Resp: 617

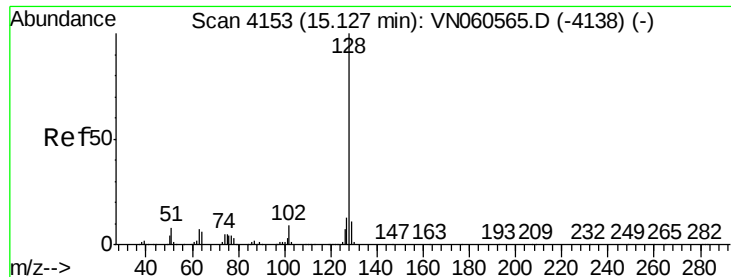
Ion Ratio Lower Upper

180 100

182 101.1 47.9 143.8

145 10.0 15.4 46.2#





#95

Naphthalene

Concen: 0.279 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.01 min

Lab File: VN060809.D

Acq: 1 Apr 2020 14:41

Instrument :

MSVOA_N

ClientSampleId :

TB-01-200331

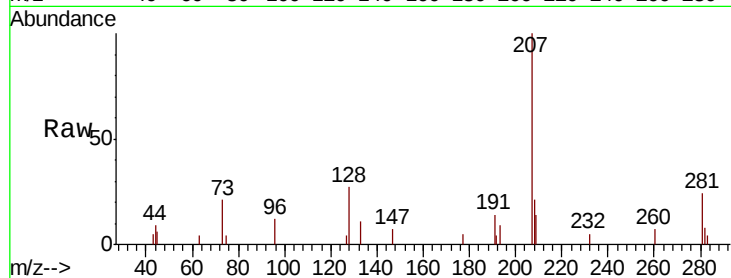
Tot Ion:128 Resp: 2163

Ion Ratio Lower Upper

128 100

127 6.7 10.2 15.2#

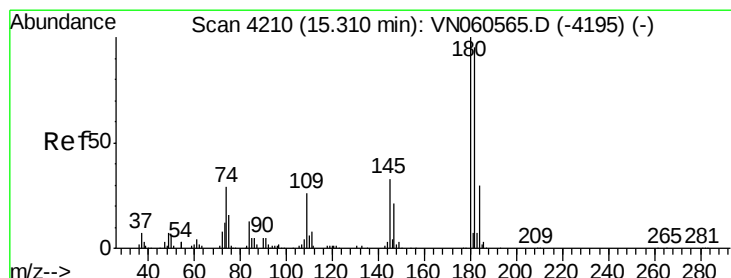
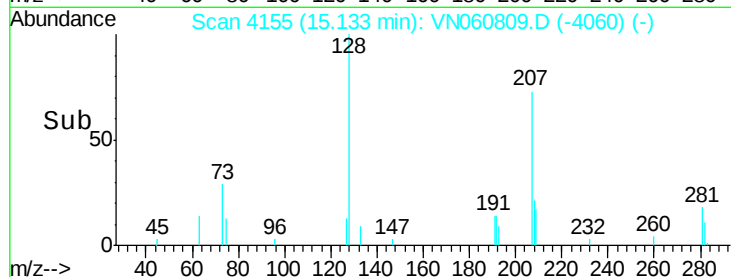
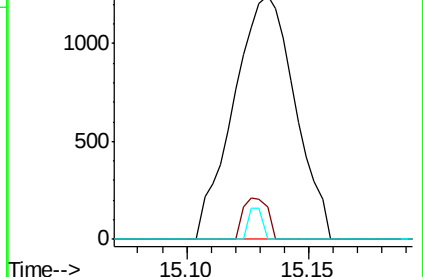
129 2.9 8.8 13.2#



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: 0.263 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. 0.00 min

Lab File: VN060809.D

Acq: 1 Apr 2020 14:41

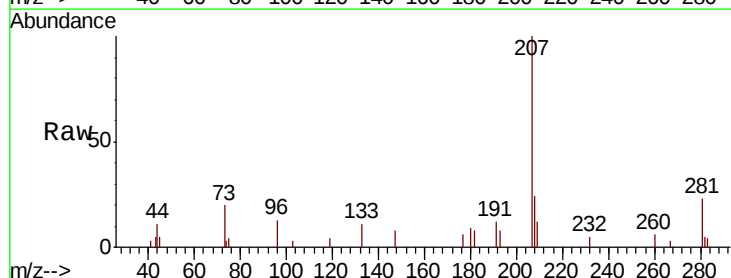
Tgt Ion:180 Resp: 667

Ion Ratio Lower Upper

180 100

182 94.8 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

