

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN012220\
 Data File : VN059828.D
 Acq On : 22 Jan 2020 13:41
 Operator : JC/MD
 Sample : L1220-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-01-200121

Quant Time: Jan 22 17:32:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 18 03:09:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	211709	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	316047	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	278735	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	113676	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	112181	47.71	ug/l	0.00
Spiked Amount						
			Recovery	=	95.42%	
35) Dibromofluoromethane	7.57	113	94677	50.23	ug/l	0.00
Spiked Amount						
			Recovery	=	100.46%	
50) Toluene-d8	10.08	98	370076	50.68	ug/l	0.00
Spiked Amount						
			Recovery	=	101.36%	
62) 4-Bromofluorobenzene	12.40	95	124113	47.15	ug/l	0.00
Spiked Amount						
			Recovery	=	94.30%	

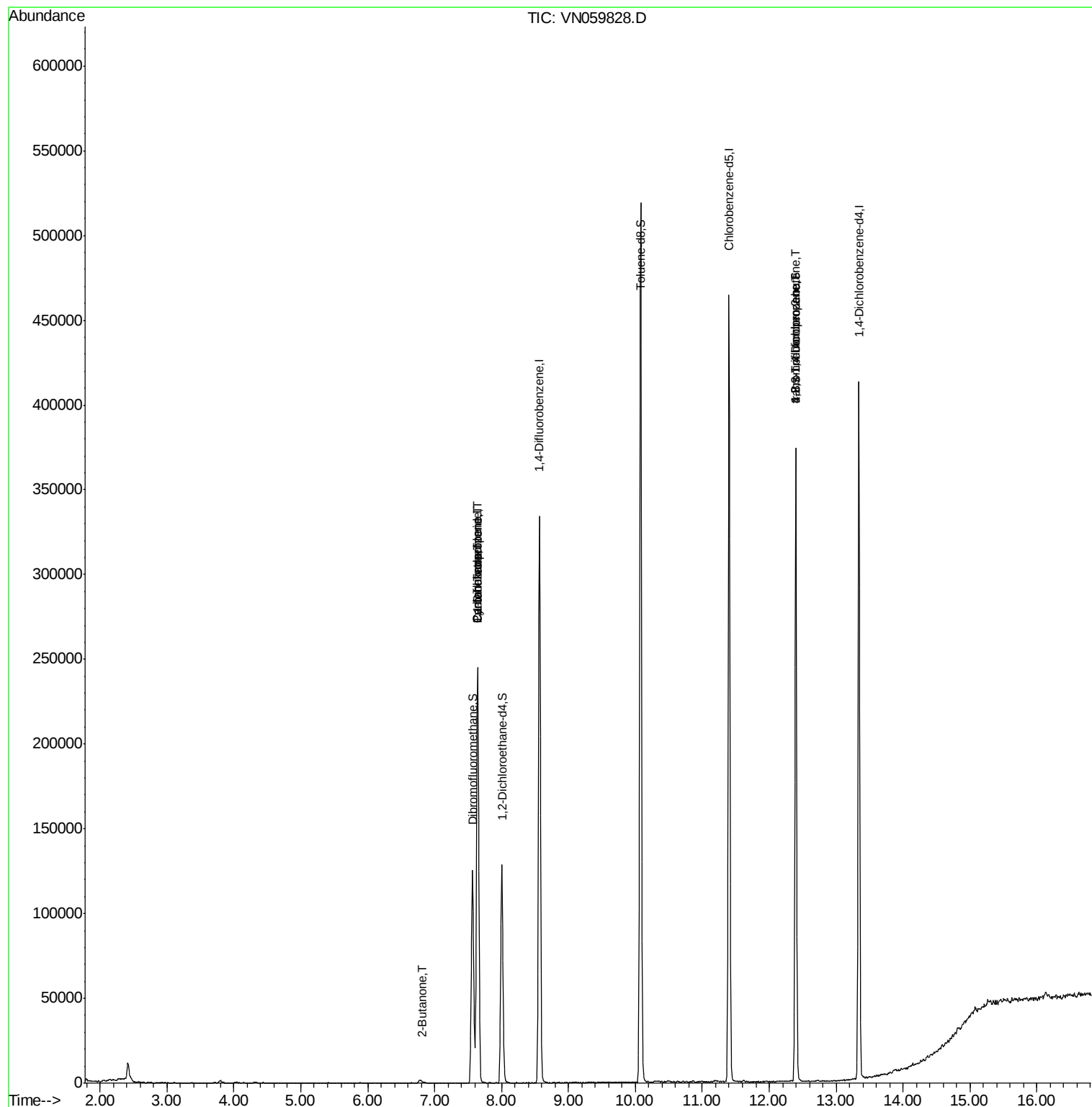
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.80	43	2765	Below Cal		99
25) 2-Butanone	6.82	43	673	0.51	ug/l #	50
31) Cyclohexane	7.64	56	3871	1.11	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	14518	5.27	ug/l #	50
38) Carbon Tetrachloride	7.64	117	18571	6.20	ug/l #	16
76) 1,2,3-Trichloropropane	12.40	75	62664	32.76	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	62664	70.34	ug/l #	11
92) 1,2-Dibromo-3-Chloropropan	14.42	75	243	Below Cal	#	6

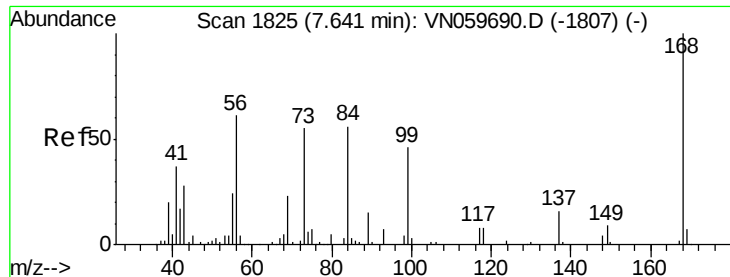
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN059828.D

Acq: 22 Jan 2020 13:41

Instrument :

MSVOA_N

ClientSampleId :

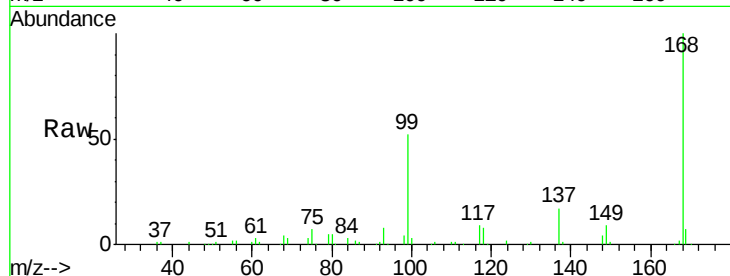
TB-01-200121

Tgt Ion:168 Resp: 211709

Ion Ratio Lower Upper

168 100

99 51.5 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.64

80000

60000

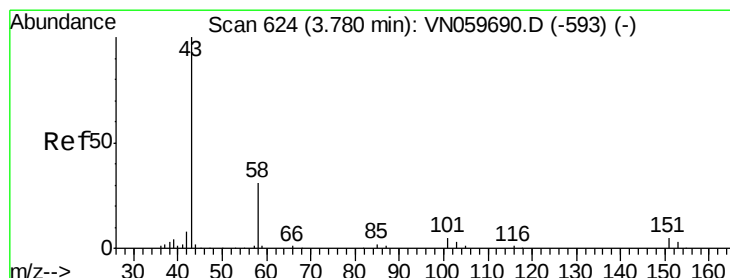
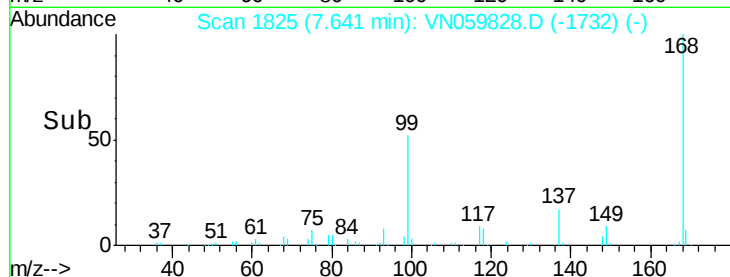
40000

20000

0

7.60 7.70

Time-->



#16

Acetone

Concen: Below Cal

RT: 3.80 min Scan# 630

Delta R.T. 0.02 min

Lab File: VN059828.D

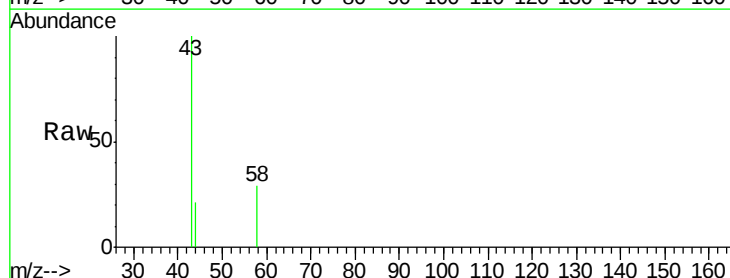
Acq: 22 Jan 2020 13:41

Tgt Ion: 43 Resp: 2765

Ion Ratio Lower Upper

43 100

58 29.0 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.80

1200

1000

800

600

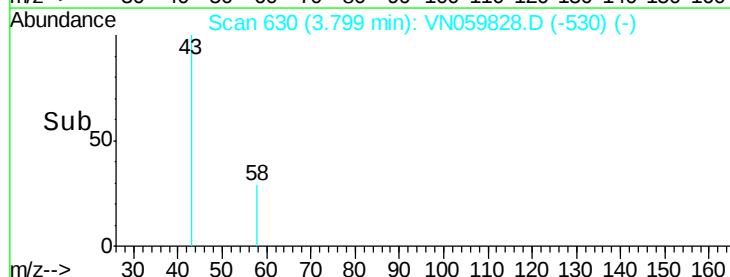
400

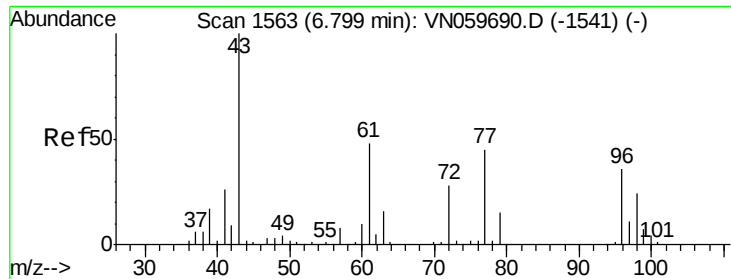
200

0

3.75 3.80 3.85

Time-->

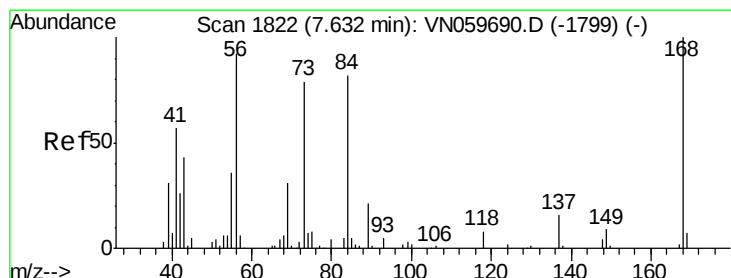
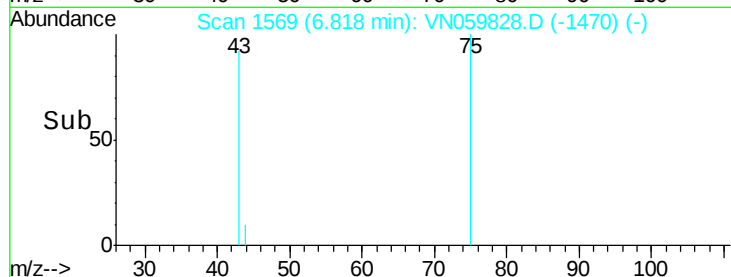
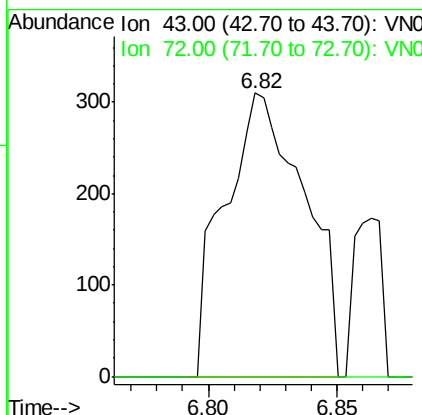
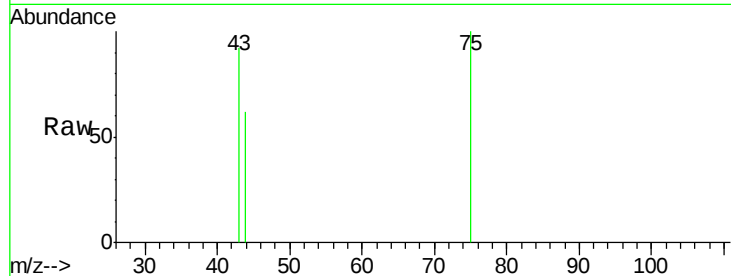




#25
2-Butanone
Concen: 0.51 ug/l
RT: 6.82 min Scan# 1569
Delta R.T. 0.02 min
Lab File: VN059828.D
Acq: 22 Jan 2020 13:41

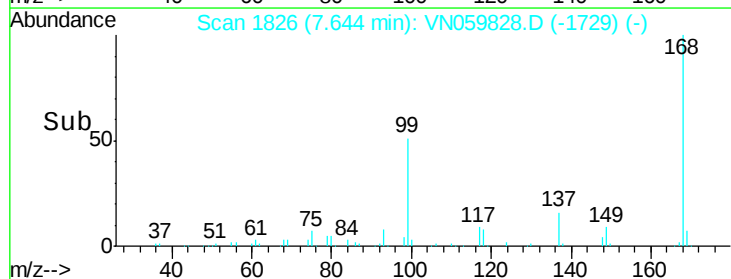
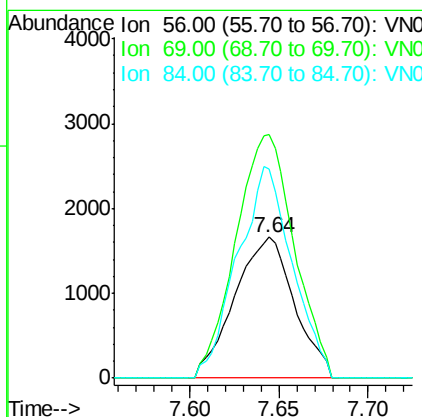
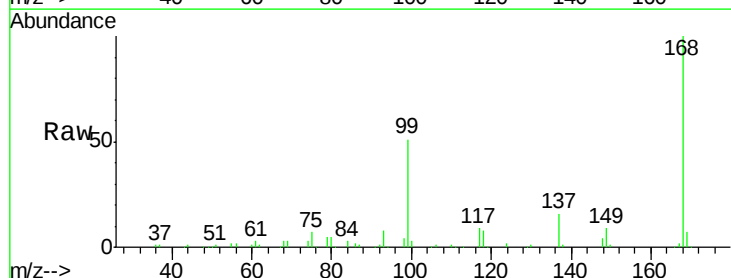
Instrument :
MSVOA_N
ClientSampled :
TB-01-200121

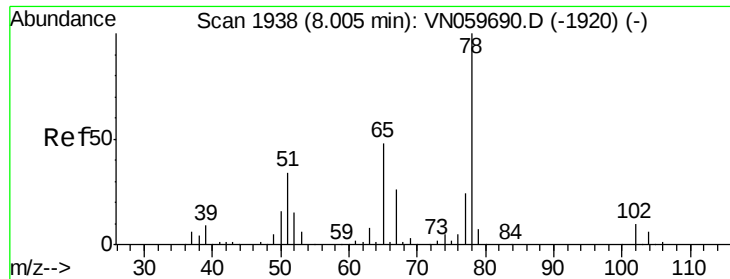
Tgt Ion: 43 Resp: 673
Ion Ratio Lower Upper
43 100
72 0.0 19.9 29.9#



#31
Cyclohexane
Concen: 1.11 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. 0.01 min
Lab File: VN059828.D
Acq: 22 Jan 2020 13:41

Tgt Ion: 56 Resp: 3871
Ion Ratio Lower Upper
56 100
69 173.1 26.5 39.7#
84 148.7 65.3 97.9#

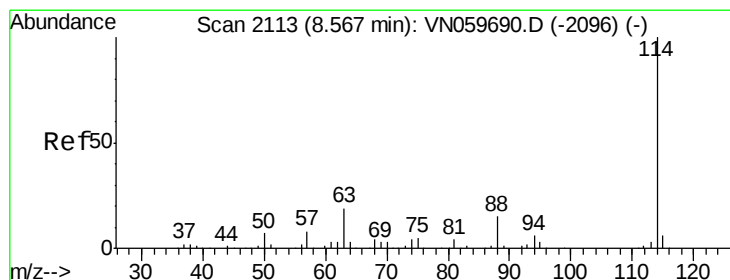
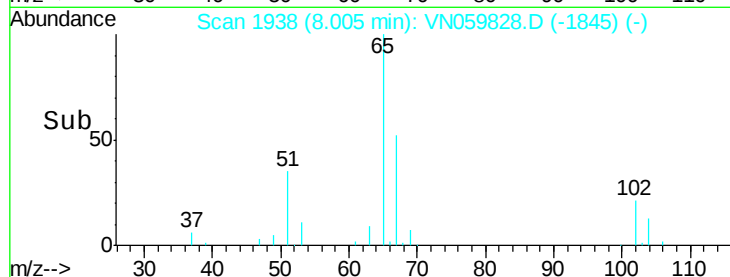
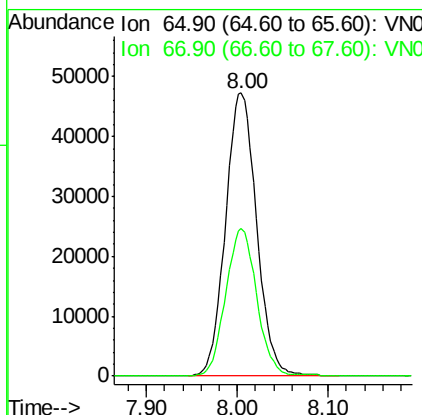
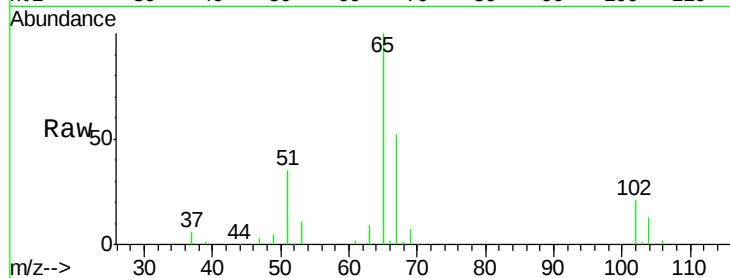




#33
 1,2-Dichloroethane-d4
 Concen: 47.71 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN059828.D
 Acq: 22 Jan 2020 13:41

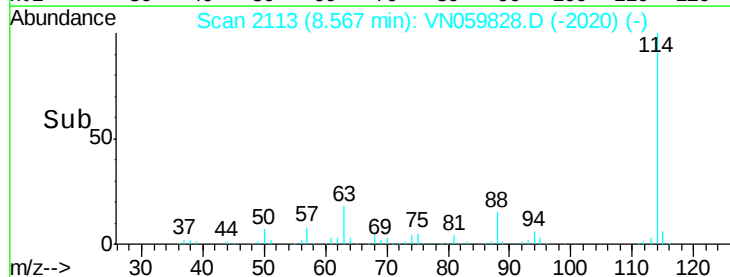
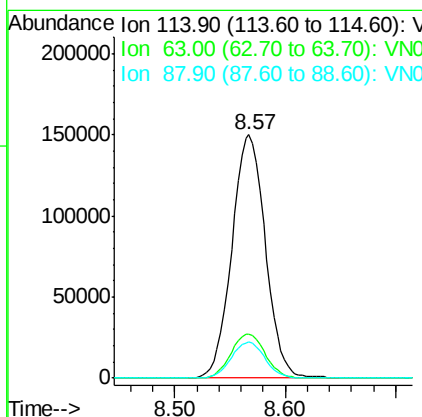
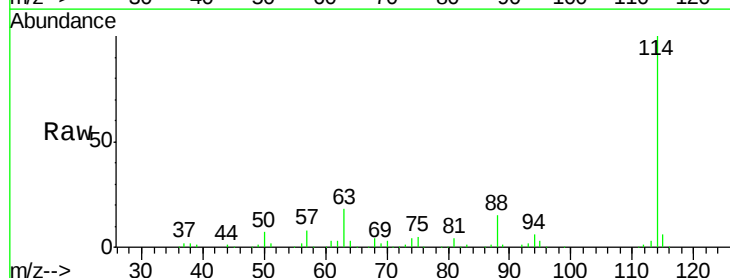
Instrument :
 MSVOA_N
 ClientSampleId :
 TB-01-200121

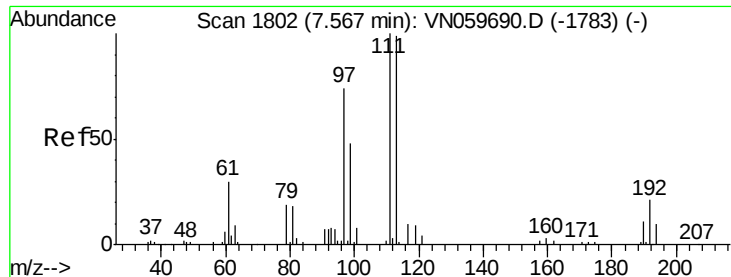
Tgt Ion: 65 Resp: 112181
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN059828.D
 Acq: 22 Jan 2020 13:41

Tgt Ion: 114 Resp: 316047
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 43.6
 88 14.7 0.0 31.4

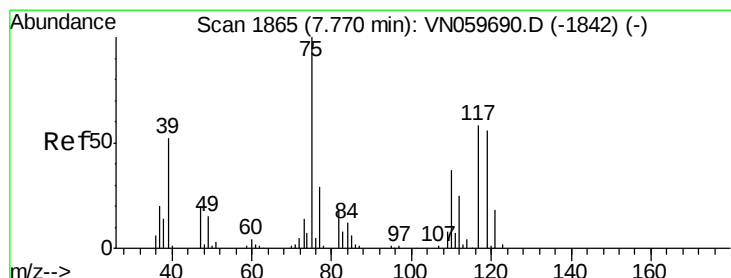
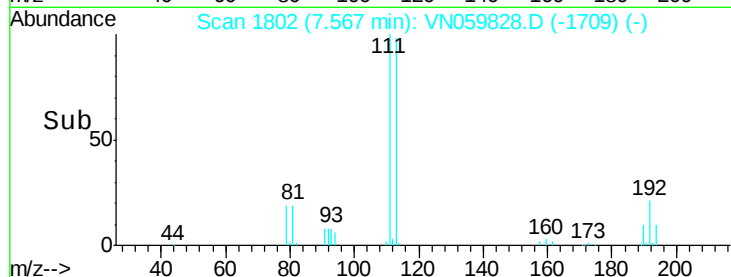
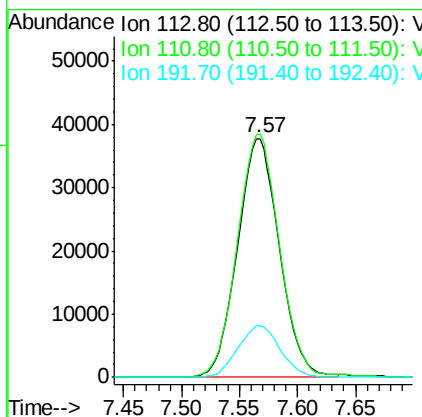
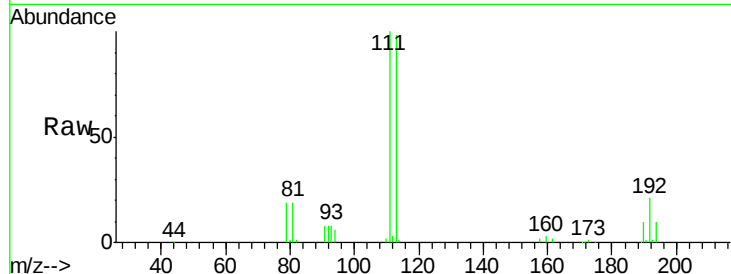




#35
 Dibromofluoromethane
 Concen: 50.23 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN059828.D
 Acq: 22 Jan 2020 13:41

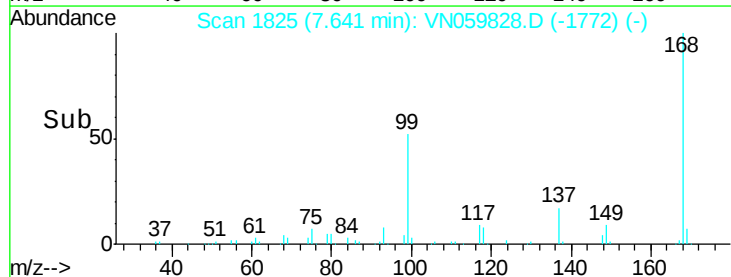
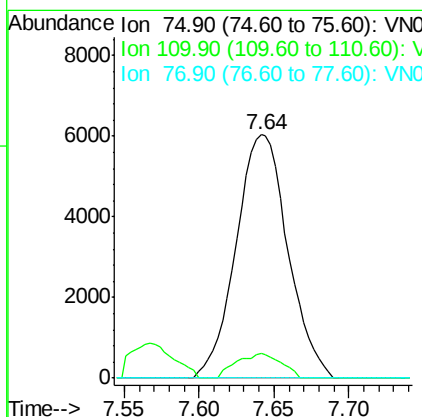
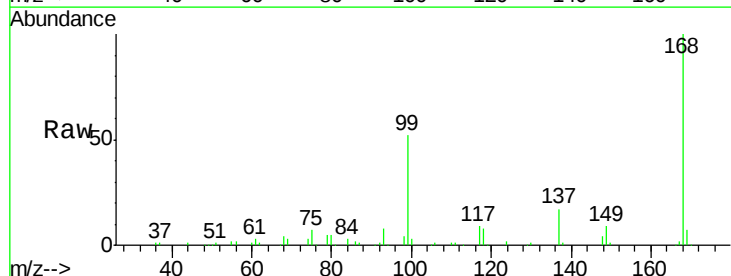
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 TB-01-200121

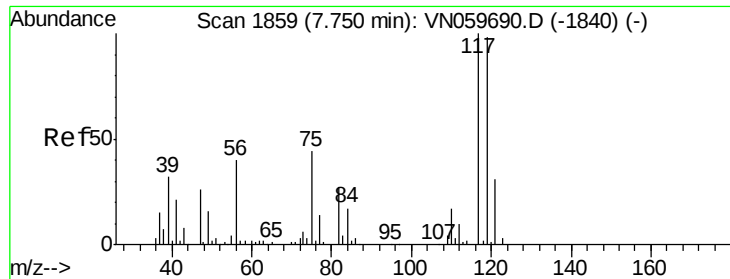
Tgt Ion: 113 Resp: 94677
 Ion Ratio Lower Upper
 113 100
 111 103.2 83.5 125.3
 192 21.7 15.4 23.2



#36
 1,1-Dichloropropene
 Concen: 5.27 ug/l
 RT: 7.64 min Scan# 1825
 Delta R.T. -0.13 min
 Lab File: VN059828.D
 Acq: 22 Jan 2020 13:41

Tgt Ion: 75 Resp: 14518
 Ion Ratio Lower Upper
 75 100
 110 8.8 16.6 49.7#
 77 0.0 25.1 37.7#

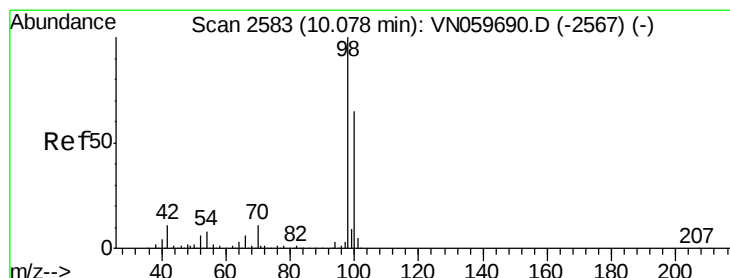
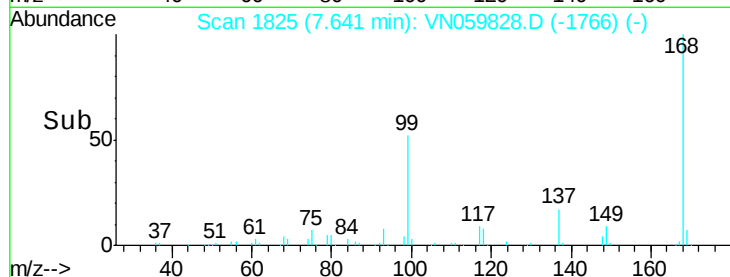
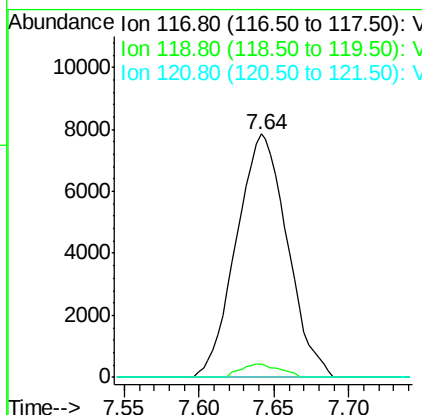
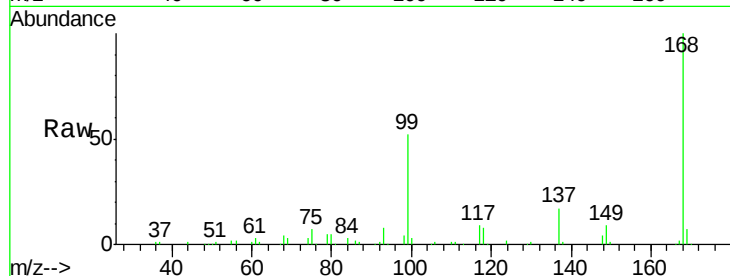




#38
Carbon Tetrachloride
Concen: 6.20 ug/l
RT: 7.64 min Scan# 1825
Delta R.T. -0.11 min
Lab File: VN059828.D
Acq: 22 Jan 2020 13:41

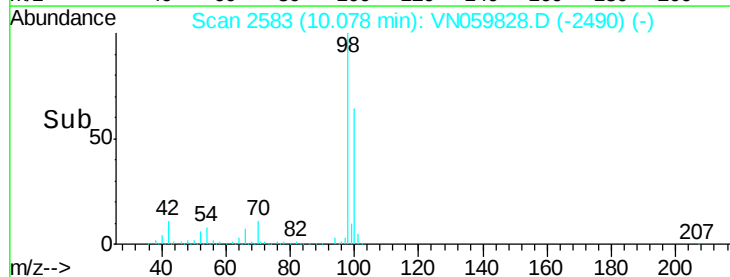
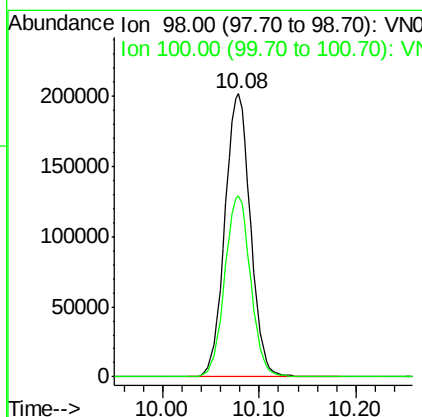
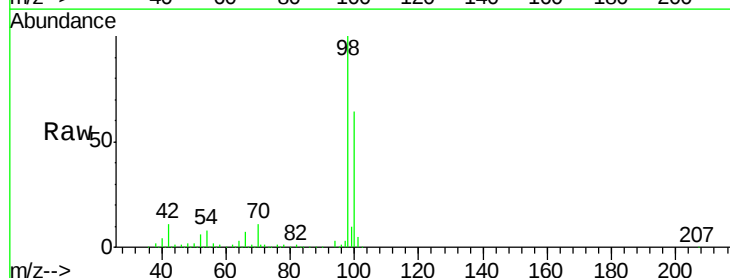
Instrument :
MSVOA_N
ClientSampled :
TB-01-200121

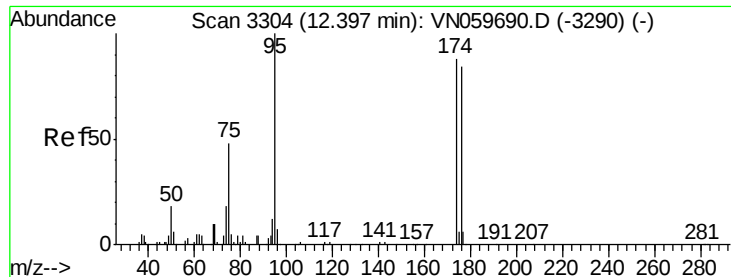
Tgt Ion: 117 Resp: 18571
Ion Ratio Lower Upper
117 100
119 5.3 76.5 114.7#
121 0.0 25.1 37.7#



#50
Toluene-d8
Concen: 50.68 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. 0.00 min
Lab File: VN059828.D
Acq: 22 Jan 2020 13:41

Tgt Ion: 98 Resp: 370076
Ion Ratio Lower Upper
98 100
100 64.4 51.2 76.8





#62

4-Bromofluorobenzene

Concen: 47.15 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN059828.D

Acq: 22 Jan 2020 13:41

Instrument :

MSVOA_N

ClientSampleId :

TB-01-200121

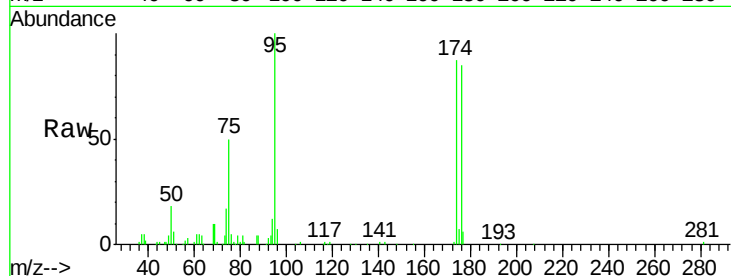
Tgt Ion: 95 Resp: 124113

Ion Ratio Lower Upper

95 100

174 87.1 0.0 151.4

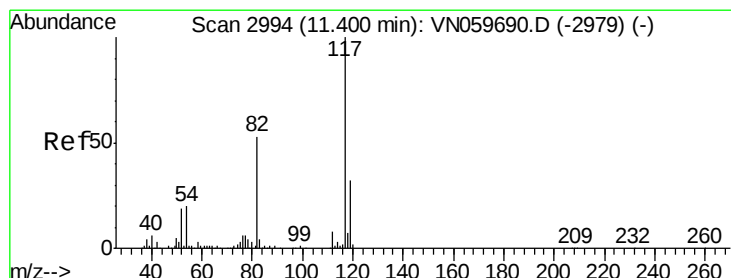
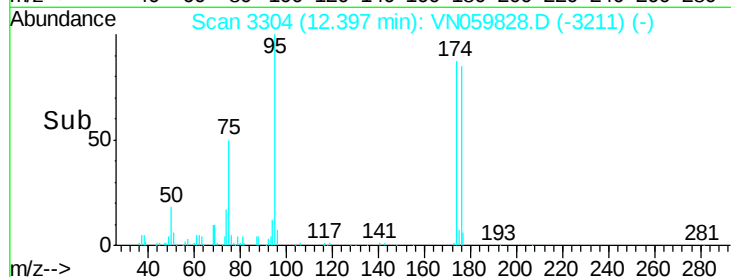
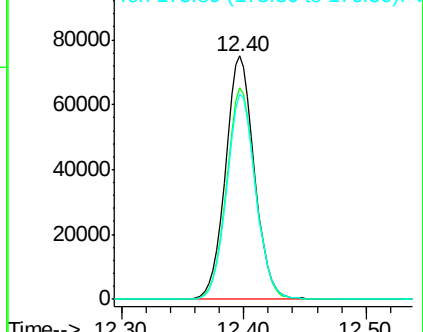
176 84.6 0.0 146.0



Abundance Ion 94.90 (94.60 to 95.60): VN059828.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN059828.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN059828.D (-3211) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN059828.D

Acq: 22 Jan 2020 13:41

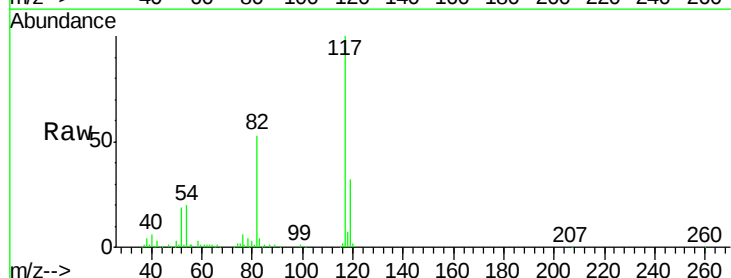
Tgt Ion: 117 Resp: 278735

Ion Ratio Lower Upper

117 100

82 53.5 45.9 68.9

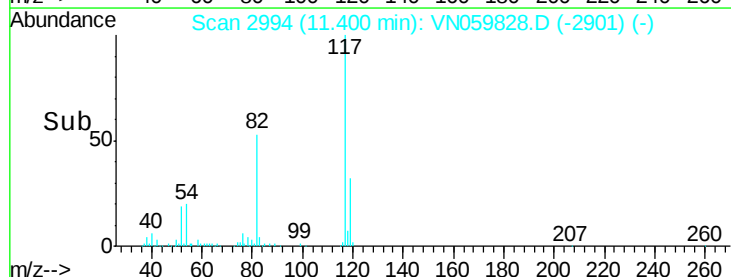
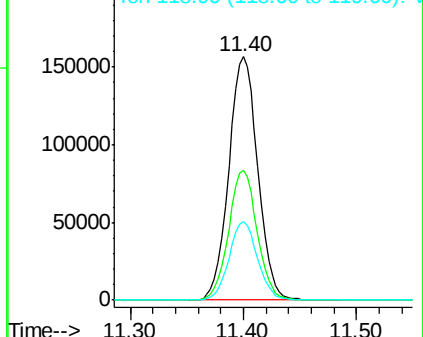
119 32.1 25.5 38.3

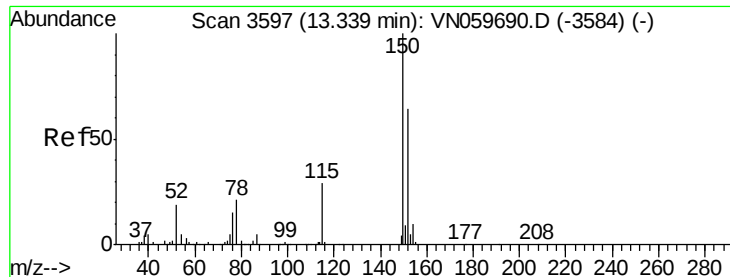


Abundance Ion 116.90 (116.60 to 117.60): VN059828.D (-2901) (-)

Ion 82.00 (81.70 to 82.70): VN059828.D (-2901) (-)

Ion 118.90 (118.60 to 119.60): VN059828.D (-2901) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN059828.D

Acq: 22 Jan 2020 13:41

Instrument :

MSVOA_N

ClientSampleId :

TB-01-200121

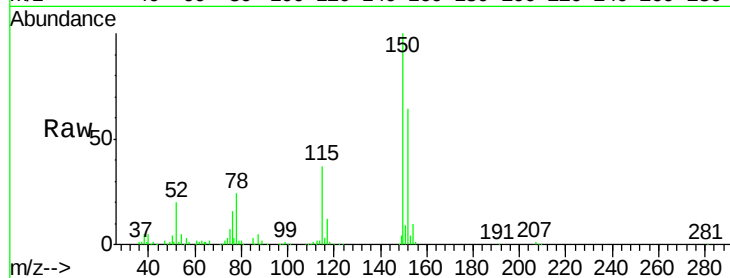
Tgt Ion:152 Resp: 113676

Ion Ratio Lower Upper

152 100

115 57.7 30.3 90.9

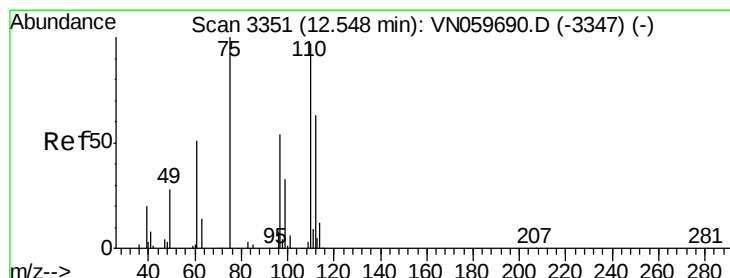
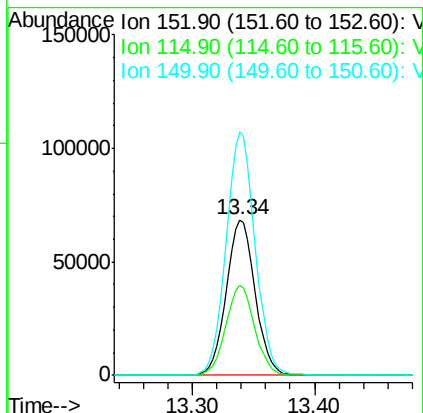
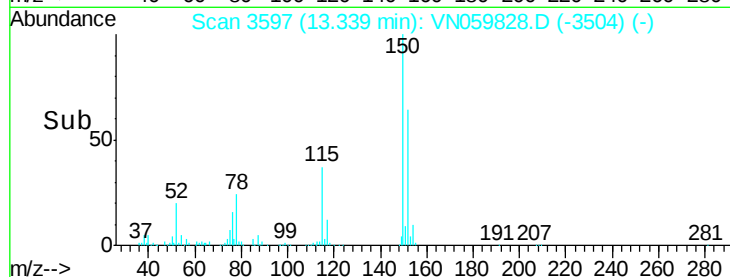
150 157.2 0.0 345.2



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: 32.76 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.15 min

Lab File: VN059828.D

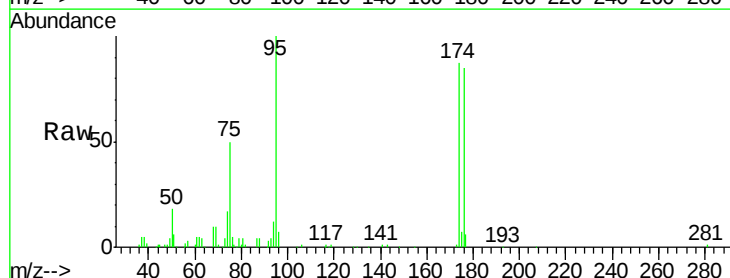
Acq: 22 Jan 2020 13:41

Tgt Ion: 75 Resp: 62664

Ion Ratio Lower Upper

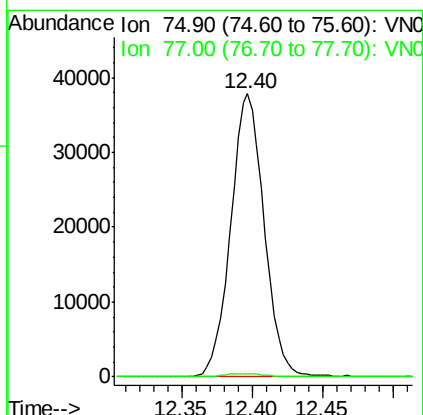
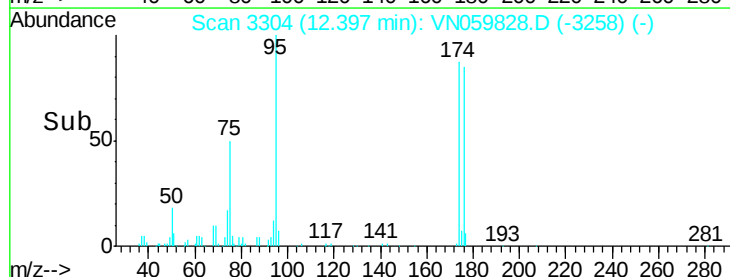
75 100

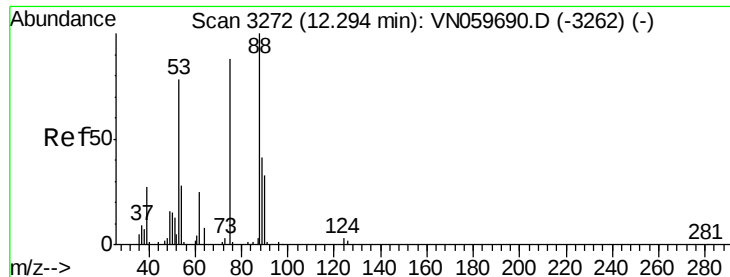
77 1.2 0.0 0.0#



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: 70.34 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.10 min

Lab File: VN059828.D

Acq: 22 Jan 2020 13:41

Instrument :

MSVOA_N

ClientSampled :

TB-01-200121

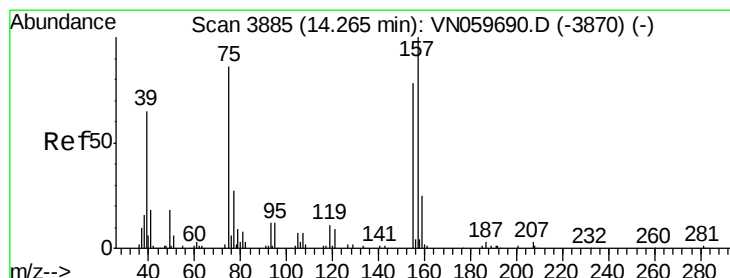
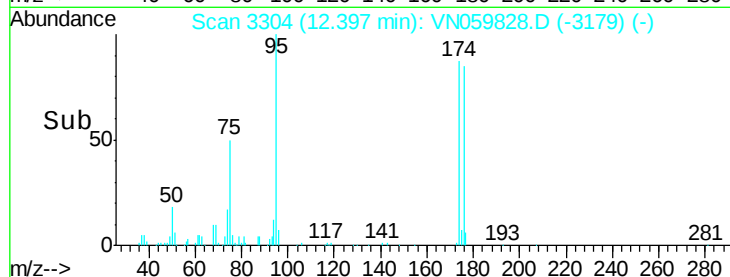
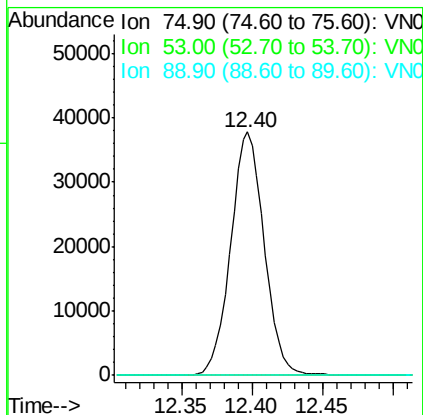
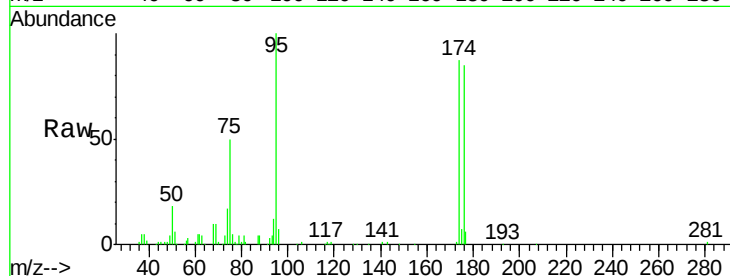
Tgt Ion: 75 Resp: 62664

Ion Ratio Lower Upper

75 100

53 0.0 78.1 117.1#

89 0.0 35.4 53.2#



#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.42 min Scan# 3932

Delta R.T. 0.15 min

Lab File: VN059828.D

Acq: 22 Jan 2020 13:41

Tgt Ion: 75 Resp: 243

Ion Ratio Lower Upper

75 100

155 0.0 37.0 110.9#

157 0.0 48.4 145.2#

