

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012720\
 Data File : VN059874.D
 Acq On : 27 Jan 2020 15:52
 Operator : JC/MD
 Sample : L1008-21
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CL-02-012420

Quant Time: Jan 27 23:18:20 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

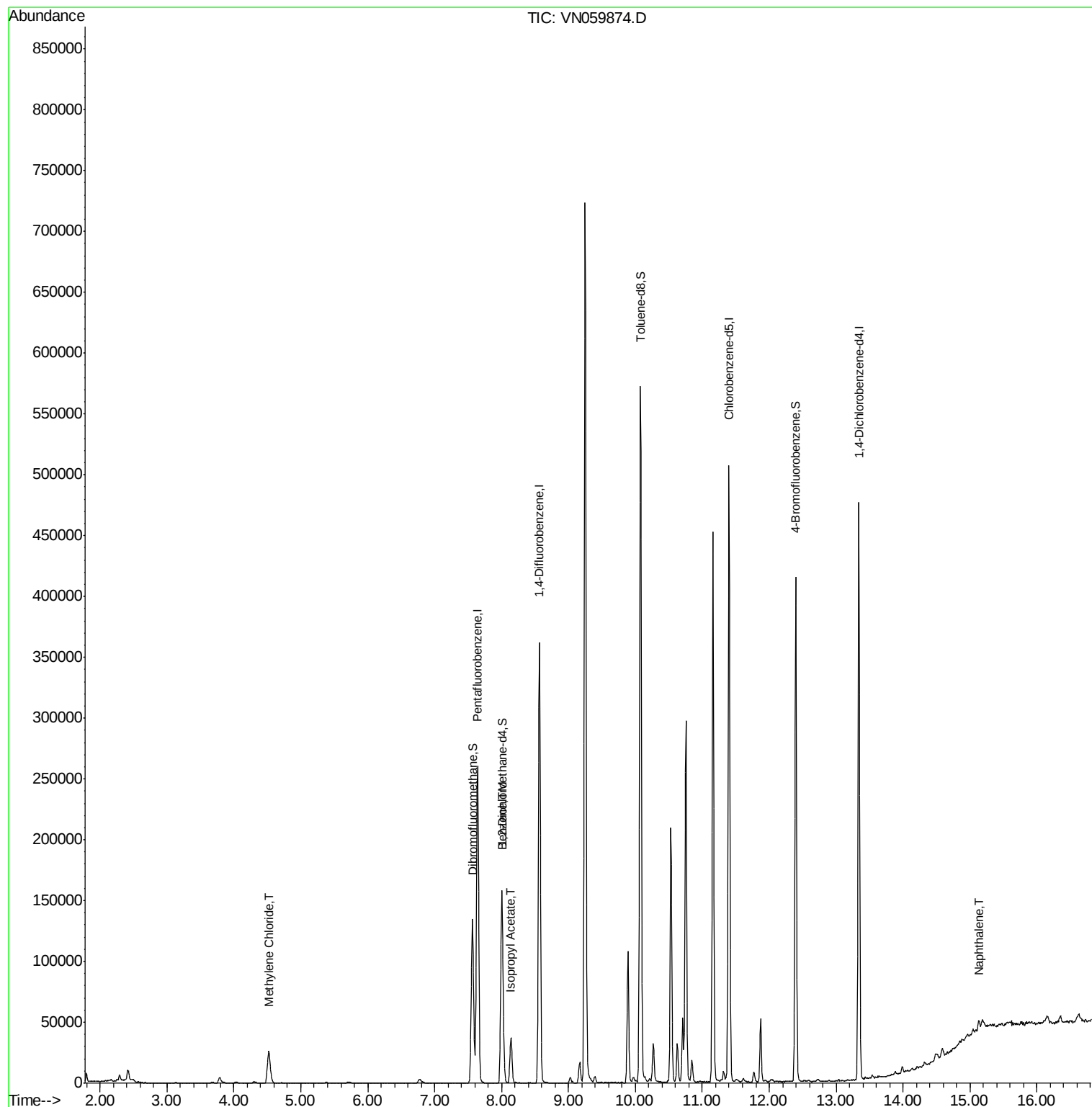
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	227836	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	343513	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	306307	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	131883	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	118885	46.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.98%	
35) Dibromofluoromethane	7.56	113	103737	50.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.28%	
50) Toluene-d8	10.08	98	405146	51.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.10%	
62) 4-Bromofluorobenzene	12.40	95	137219	47.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.92%	
Target Compounds						
20) Methylene Chloride	4.52	84	21332	8.238	ug/l	89
40) Benzene	8.02	78	34832	3.904	ug/l	100
43) Isopropyl Acetate	8.14	43	44031	9.124	ug/l #	91
95) Naphthalene	15.13	128	7564	1.052	ug/l #	95

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

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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: VN059874.D

Acq: 27 Jan 2020 15:52

Instrument :

MSVOA_N

ClientSampleId :

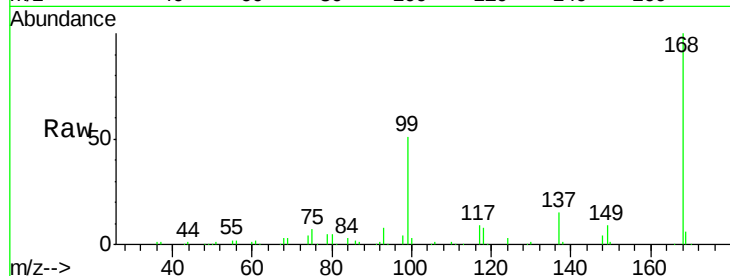
CL-02-012420

Tot Ion:168 Resp: 227836

Ion Ratio Lower Upper

168 100

99 51.4 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

100000

80000

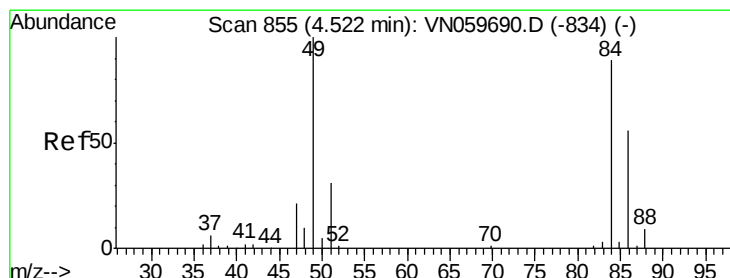
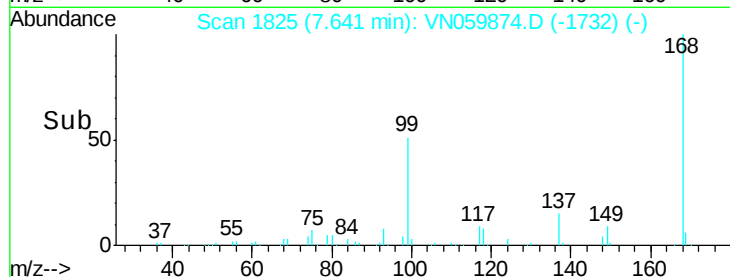
60000

40000

20000

0

Time--> 7.50 7.60 7.70 7.80



#20

Methylene Chloride

Concen: 8.238 ug/l

RT: 4.52 min Scan# 855

Delta R.T. 0.00 min

Lab File: VN059874.D

Acq: 27 Jan 2020 15:52

Tgt Ion: 84 Resp: 21332

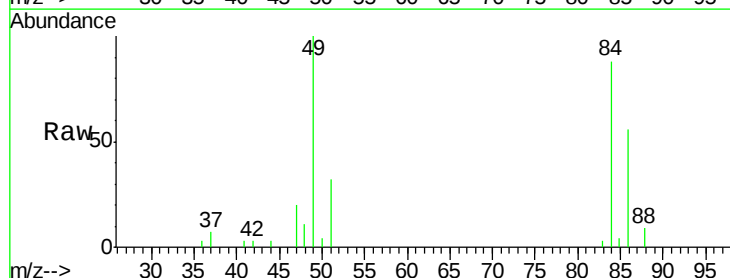
Ion Ratio Lower Upper

84 100

49 113.1 106.6 160.0

51 35.7 31.9 47.9

86 63.6 50.8 76.2



Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO

12000

10000

8000

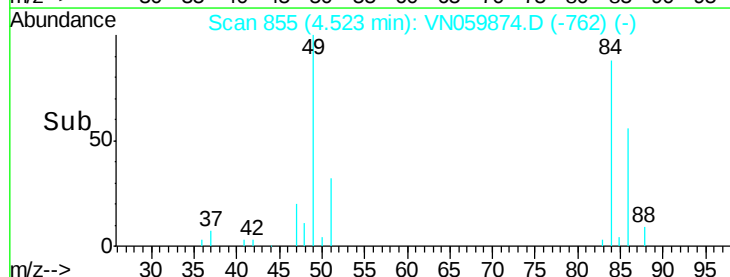
6000

4000

2000

0

Time--> 4.40 4.50 4.60

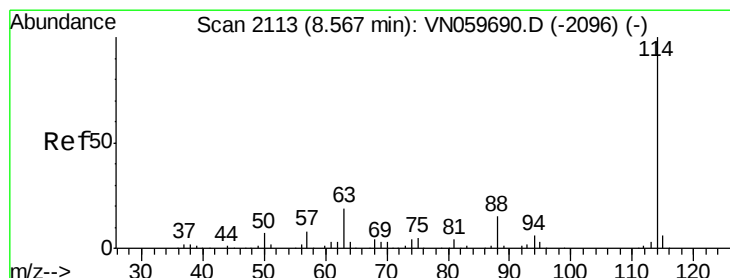
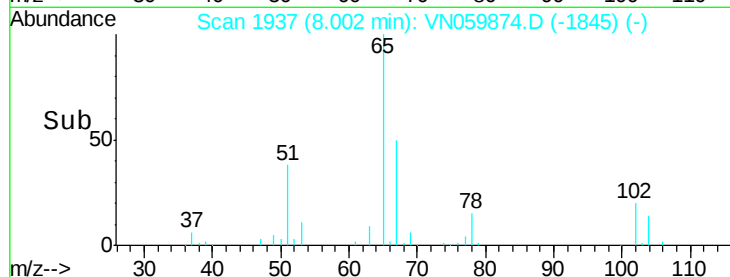
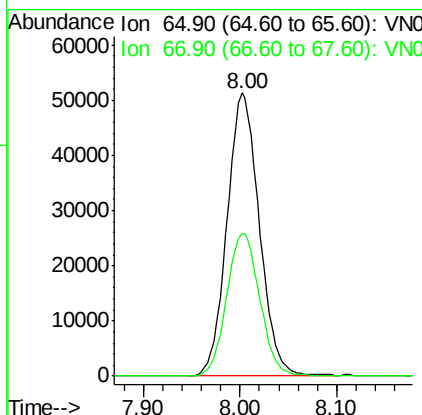
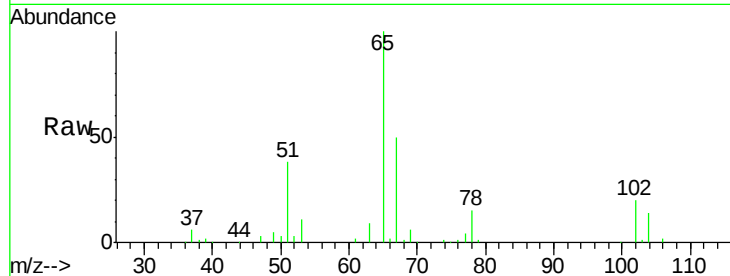




#33
 1,2-Dichloroethane-d4
 Concen: 46.987 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN059874.D
 Acq: 27 Jan 2020 15:52

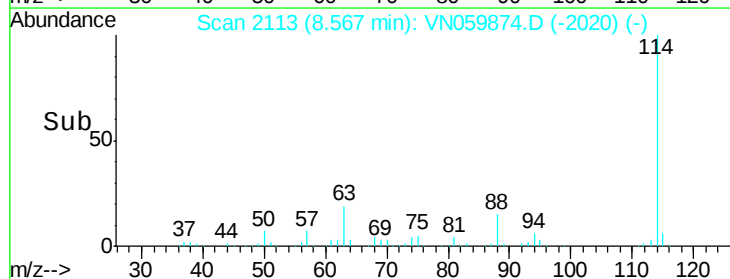
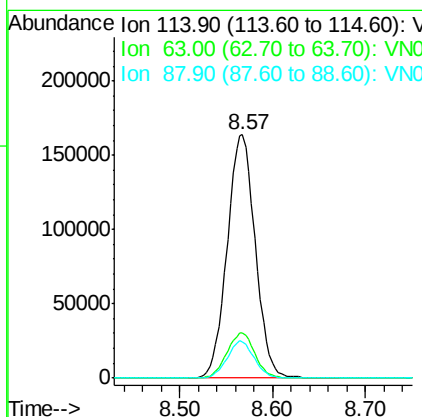
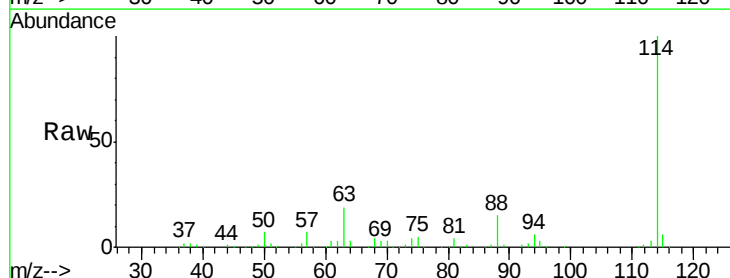
Instrument :
 MSVOA_N
 ClientSampleId :
 CL-02-012420

Tot Ion: 65 Resp: 118885
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN059874.D
 Acq: 27 Jan 2020 15:52

Tgt Ion: 114 Resp: 343513
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 43.6
 88 15.0 0.0 31.4

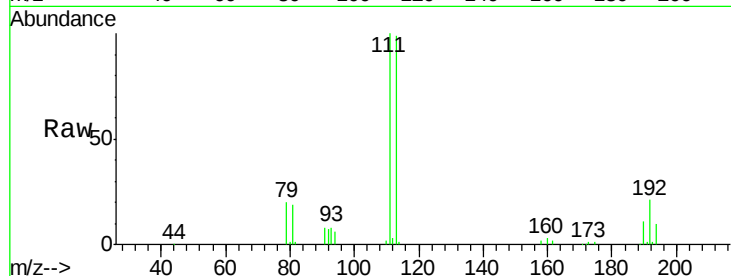




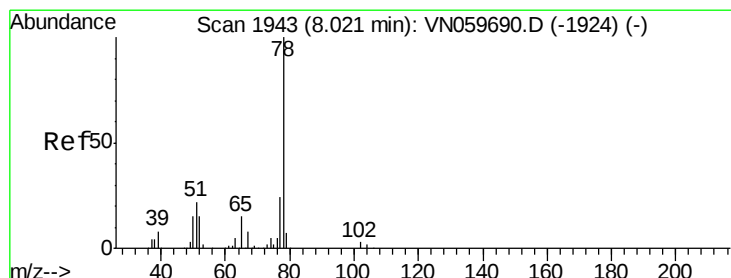
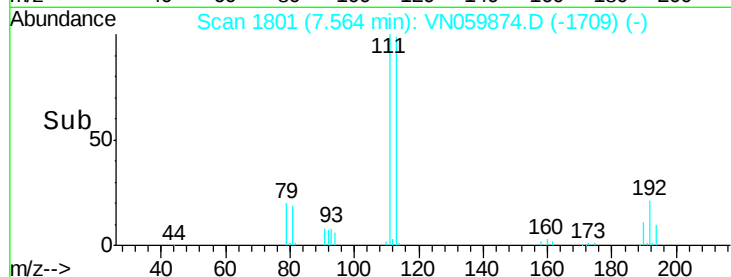
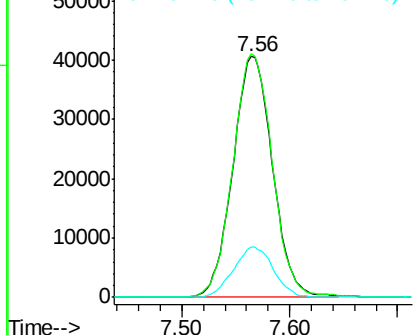
#35
 Dibromofluoromethane
 Concen: 50.640 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN059874.D
 Acq: 27 Jan 2020 15:52

Instrument :
 MSVOA_N
 ClientSampleId :
 CL-02-012420

Tot Ion:113 Resp: 103737
 Ion Ratio Lower Upper
 113 100
 111 100.4 83.5 125.3
 192 21.1 15.4 23.2

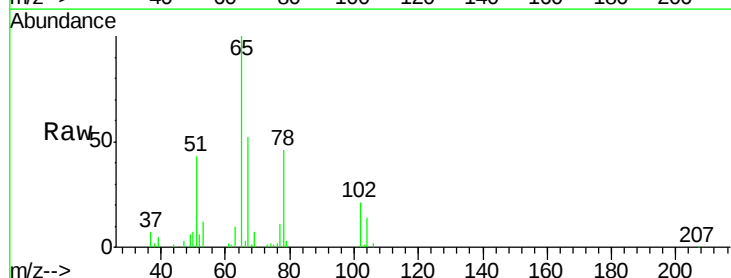


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

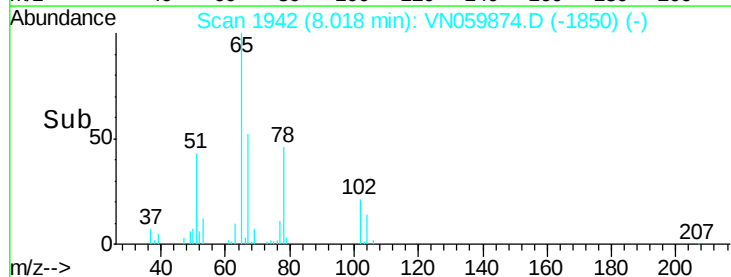
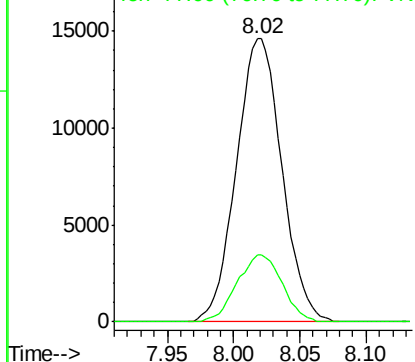


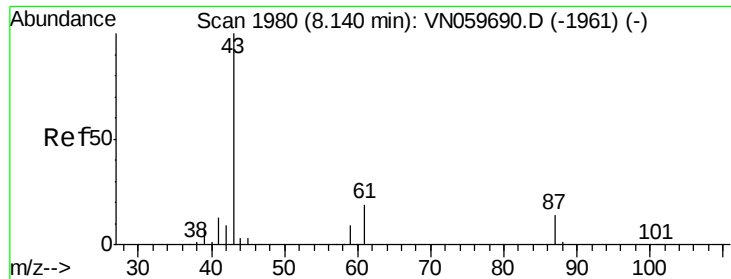
#40
 Benzene
 Concen: 3.904 ug/l
 RT: 8.02 min Scan# 1942
 Delta R.T. -0.00 min
 Lab File: VN059874.D
 Acq: 27 Jan 2020 15:52

Tgt Ion: 78 Resp: 34832
 Ion Ratio Lower Upper
 78 100
 77 23.7 18.9 28.3



Abundance Ion 78.00 (77.70 to 78.70): V
 Ion 77.00 (76.70 to 77.70): V





#43

Isopropyl Acetate

Concen: 9.124 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN059874.D

Acq: 27 Jan 2020 15:52

Instrument :

MSVOA_N

ClientSampleId :

CL-02-012420

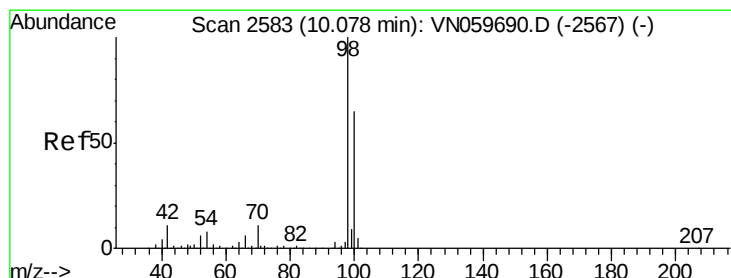
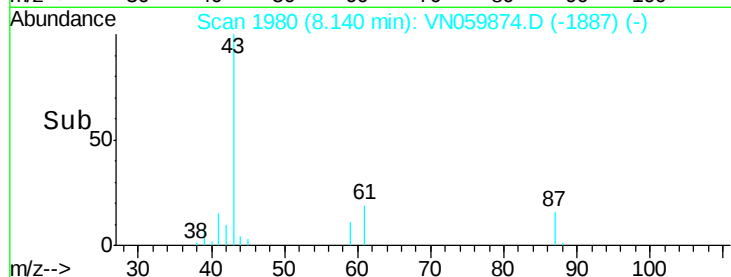
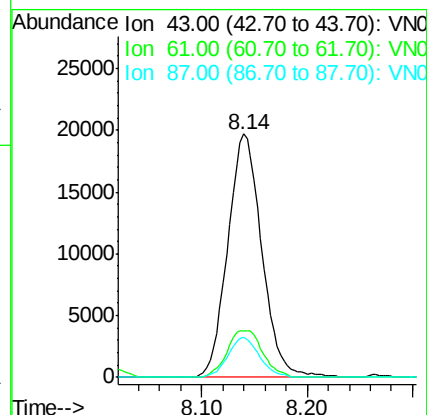
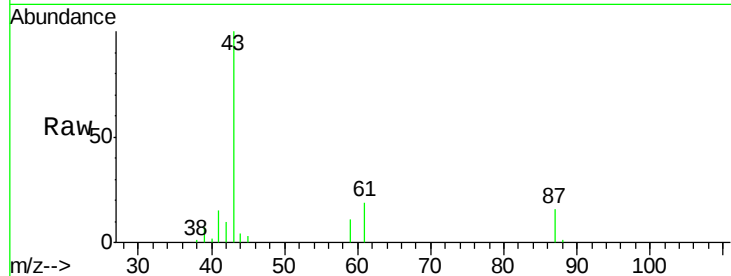
Tot Ion: 43 Resp: 44031

Ion Ratio Lower Upper

43 100

61 20.1 20.2 30.2#

87 15.0 9.5 14.3#



#50

Toluene-d8

Concen: 51.045 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN059874.D

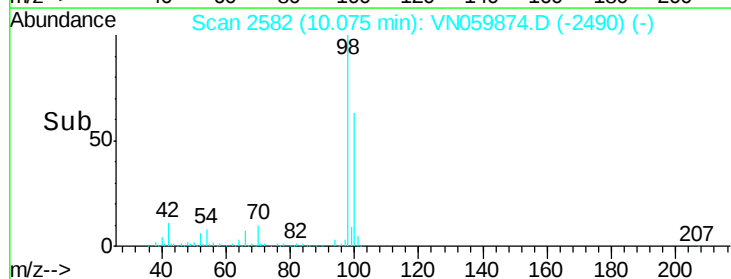
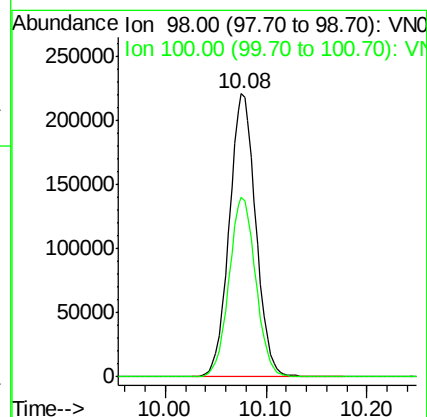
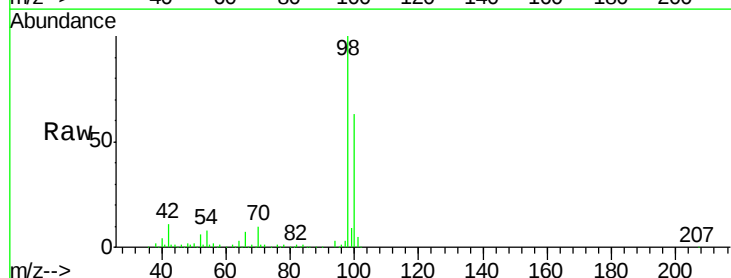
Acq: 27 Jan 2020 15:52

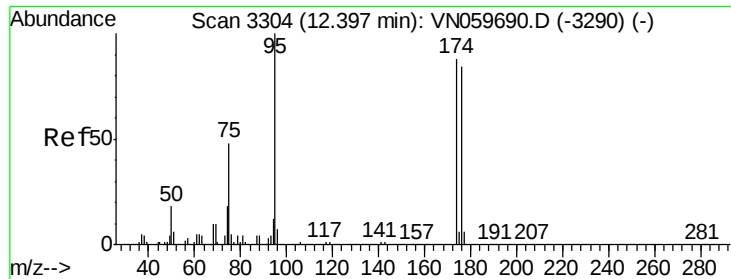
Tgt Ion: 98 Resp: 405146

Ion Ratio Lower Upper

98 100

100 63.7 51.2 76.8





#62

4-Bromofluorobenzene

Concen: 47.957 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN059874.D

Acq: 27 Jan 2020 15:52

Instrument :

MSVOA_N

ClientSampleId :

CL-02-012420

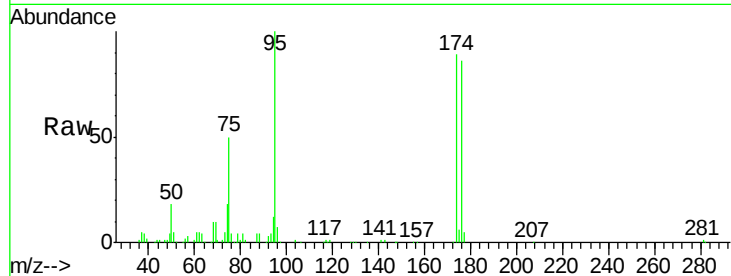
Tot Ion: 95 Resp: 137219

Ion Ratio Lower Upper

95 100

174 88.6 0.0 151.4

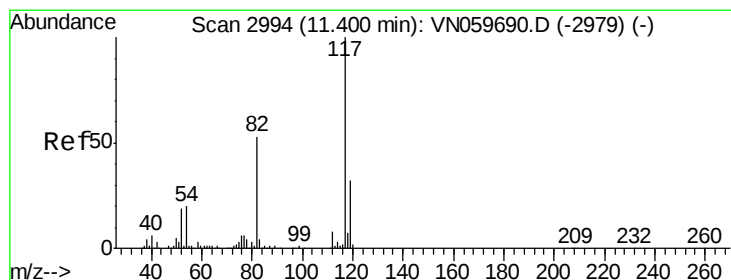
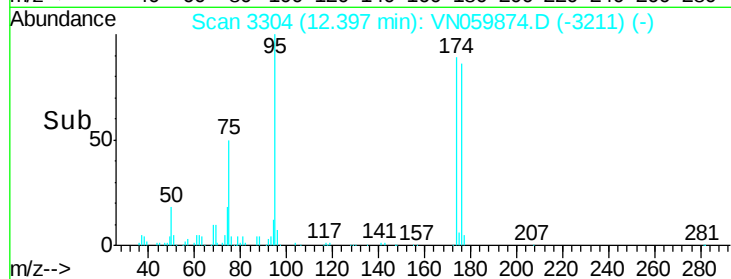
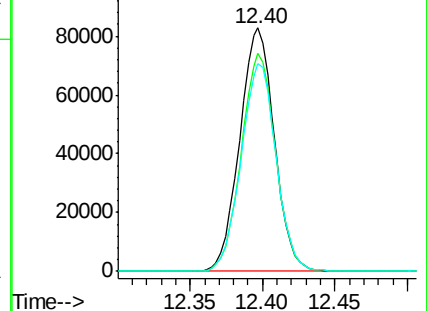
176 86.5 0.0 146.0



Abundance Ion 94.90 (94.60 to 95.60): VN059874.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN059874.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN059874.D (-3211) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN059874.D

Acq: 27 Jan 2020 15:52

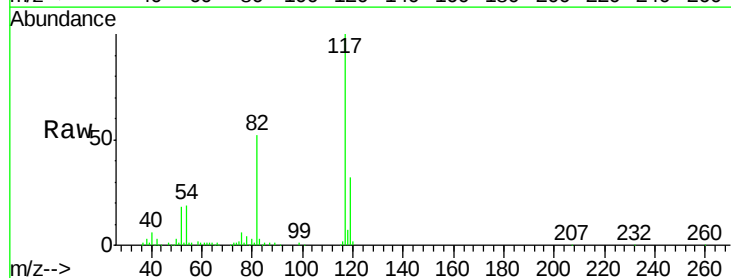
Tgt Ion: 117 Resp: 306307

Ion Ratio Lower Upper

117 100

82 52.2 45.9 68.9

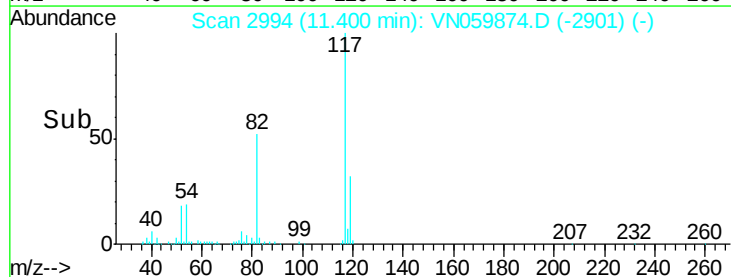
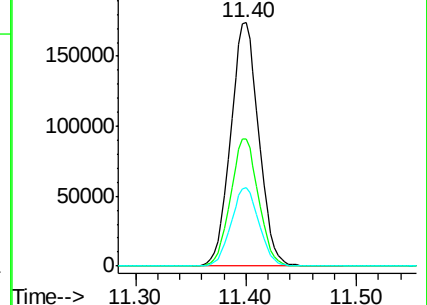
119 32.5 25.5 38.3

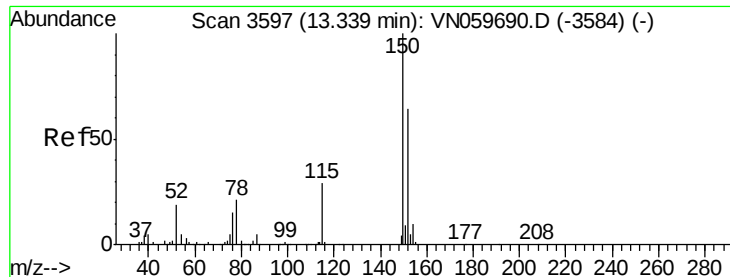


Abundance Ion 116.90 (116.60 to 117.60): VN059874.D (-2901) (-)

Ion 82.00 (81.70 to 82.70): VN059874.D (-2901) (-)

Ion 118.90 (118.60 to 119.60): VN059874.D (-2901) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN059874.D

Acq: 27 Jan 2020 15:52

Instrument :

MSVOA_N

ClientSampleId :

CL-02-012420

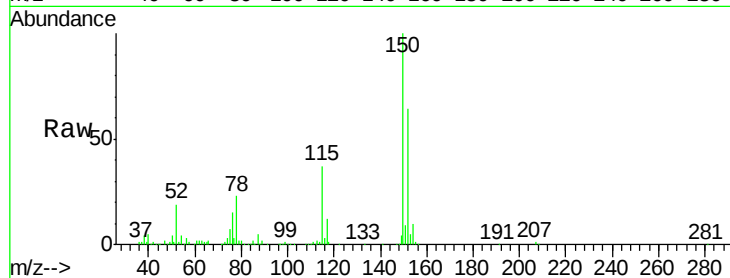
Tot Ion:152 Resp: 131883

Ion Ratio Lower Upper

152 100

115 57.1 30.3 90.9

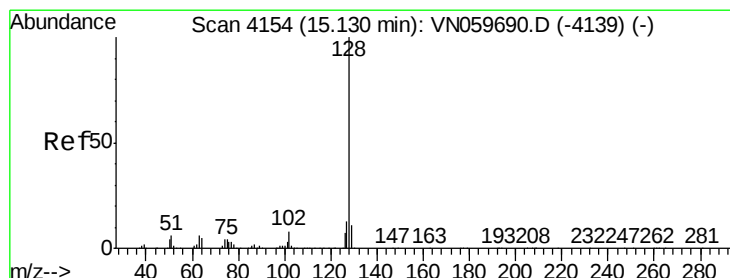
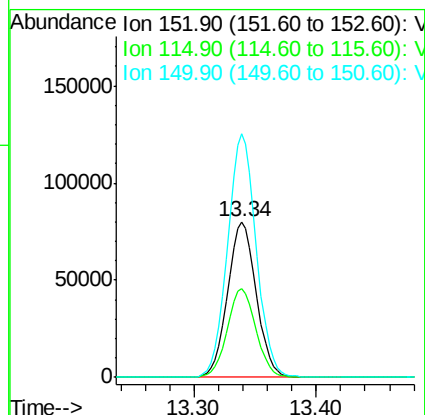
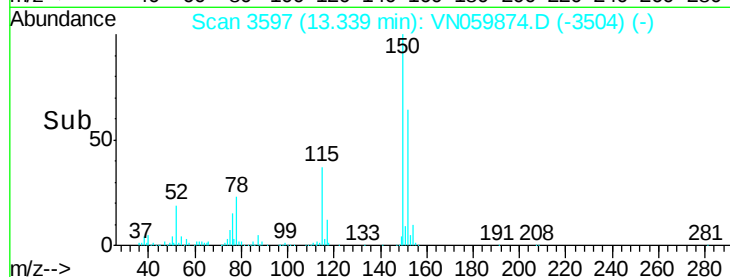
150 156.3 0.0 345.2



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



#95

Naphthalene

Concen: 1.052 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN059874.D

Acq: 27 Jan 2020 15:52

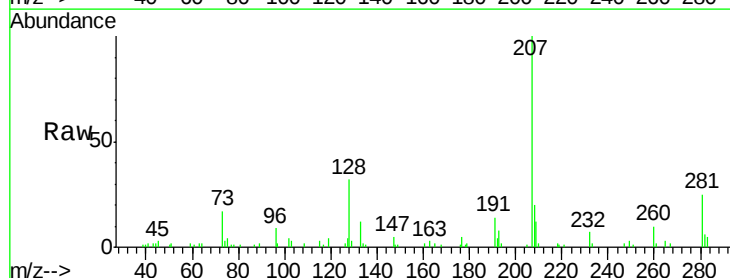
Tgt Ion:128 Resp: 7564

Ion Ratio Lower Upper

128 100

127 9.9 10.4 15.6#

129 11.0 8.6 12.8



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

