

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102920\
 Data File : VN064375.D
 Acq On : 29 Oct 2020 15:45
 Operator : JC/MD
 Sample : L4227-11
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BU-02-102820

Quant Time: Oct 30 07:43:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 12:23:17 2020
 Response via : Initial Calibration

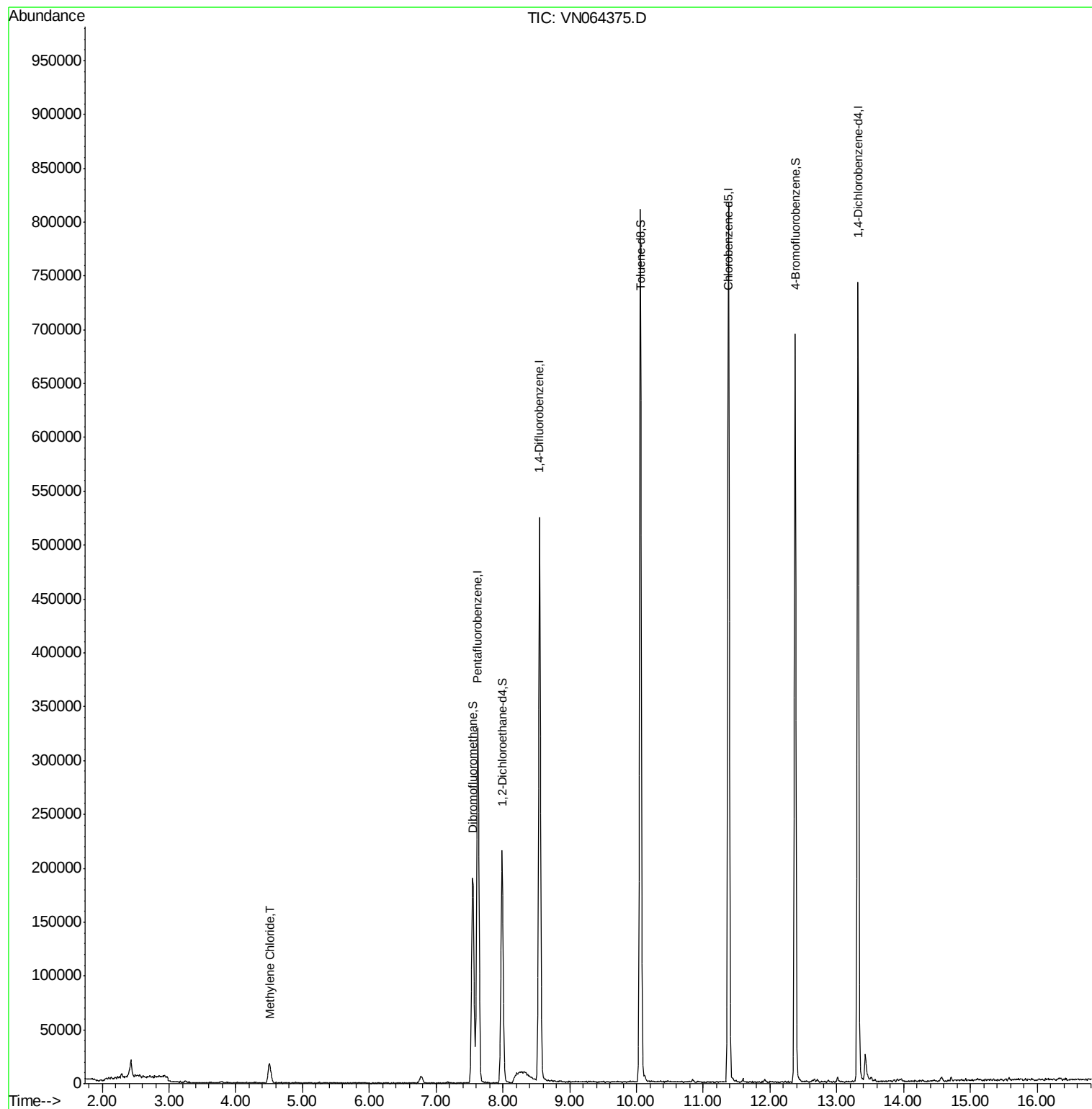
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	248615	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	439958	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	432688	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	190108	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	196721	49.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.48%	
35) Dibromofluoromethane	7.55	113	145740	49.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.34%	
50) Toluene-d8	10.06	98	537736	49.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.10%	
62) 4-Bromofluorobenzene	12.38	95	234987	55.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.08%	
Target Compounds						
20) Methylene Chloride	4.51	84	13229	4.669	ug/l #	92

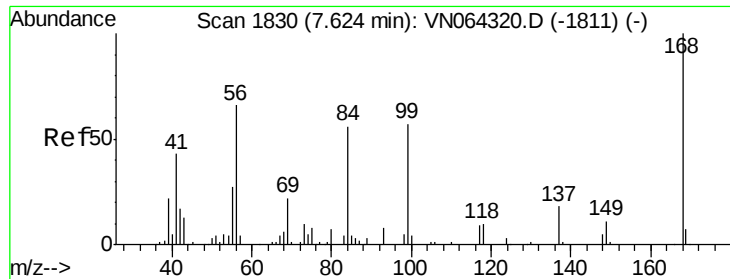
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Oct 27 12:23:17 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN064375.D

Acq: 29 Oct 2020 15:45

Instrument :

MSVOA_N

ClientSampleId :

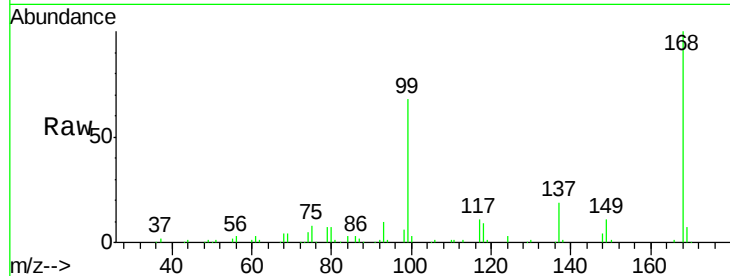
BU-02-102820

Tot Ion:168 Resp: 248615

Ion Ratio Lower Upper

168 100

99 68.1 52.7 79.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

100000

80000

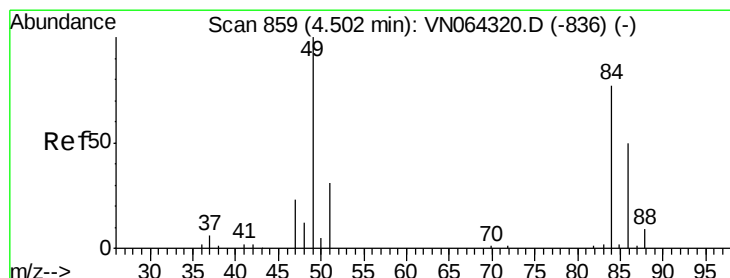
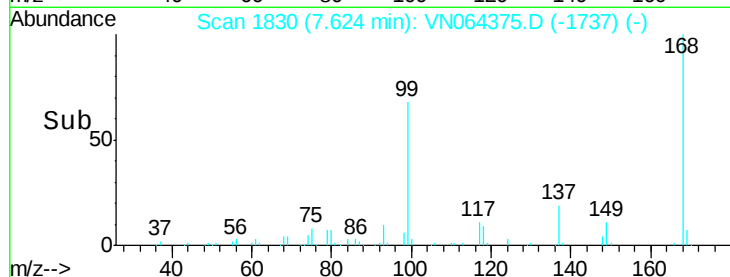
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#20

Methylene Chloride

Concen: 4.669 ug/l

RT: 4.51 min Scan# 862

Delta R.T. 0.01 min

Lab File: VN064375.D

Acq: 29 Oct 2020 15:45

Tgt Ion: 84 Resp: 13229

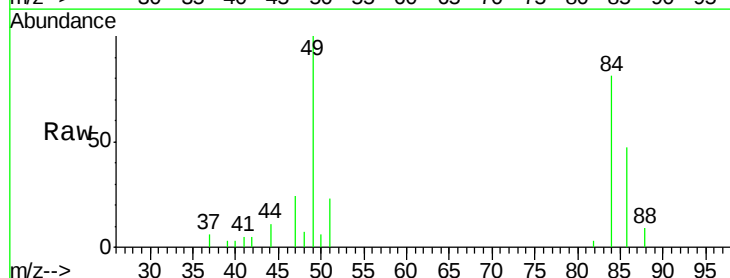
Ion Ratio Lower Upper

84 100

49 123.8 103.6 155.4

51 28.7 31.8 47.8#

86 58.1 51.3 76.9



Abundance Ion 83.90 (83.60 to 84.60): VN

Ion 48.90 (48.60 to 49.60): VN

Ion 50.90 (50.60 to 51.60): VN

Ion 85.90 (85.60 to 86.60): VN

8000

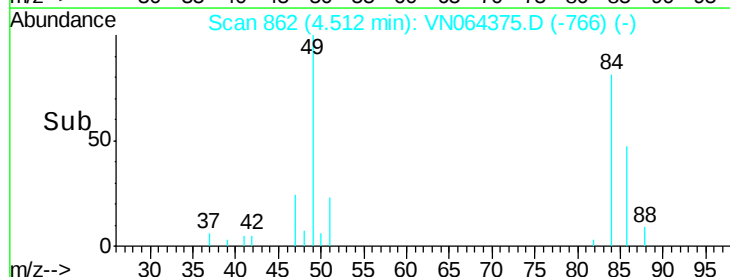
6000

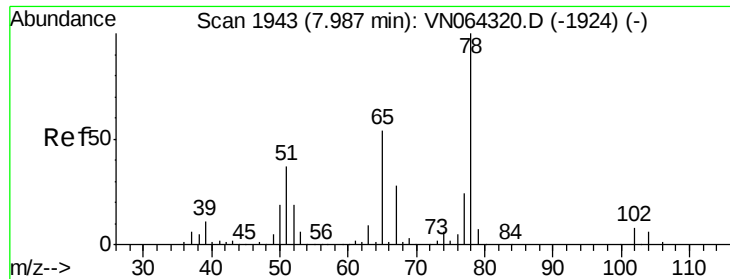
4000

2000

0

Time--> 4.40 4.50 4.60

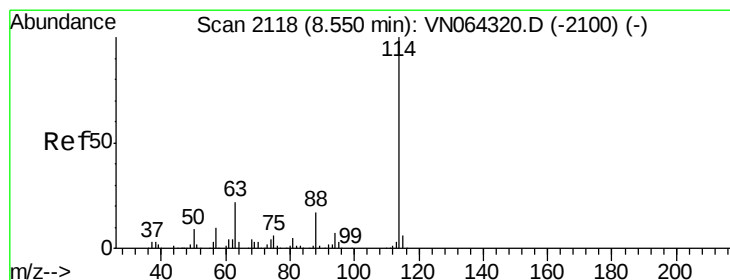
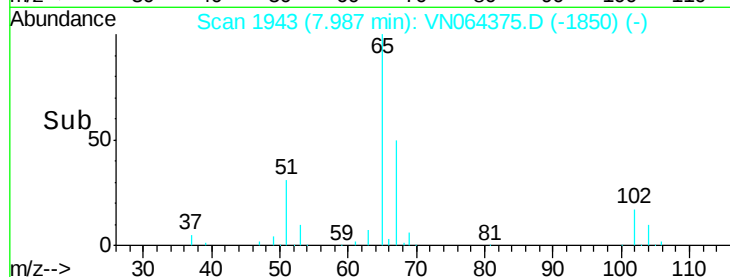
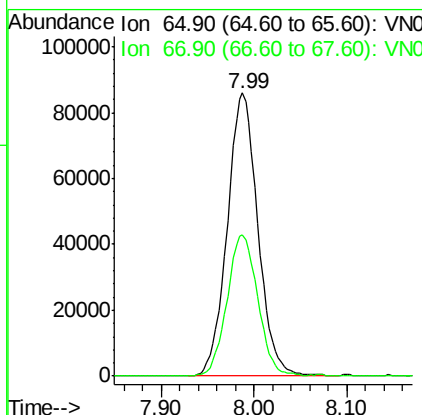
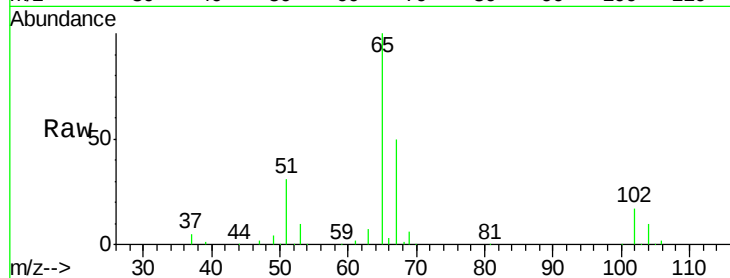




#33
 1,2-Dichloroethane-d4
 Concen: 49.239 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064375.D
 Acq: 29 Oct 2020 15:45

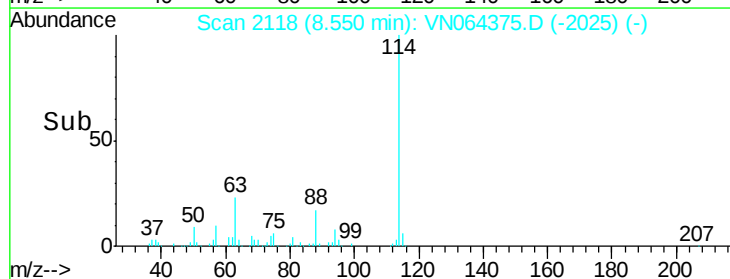
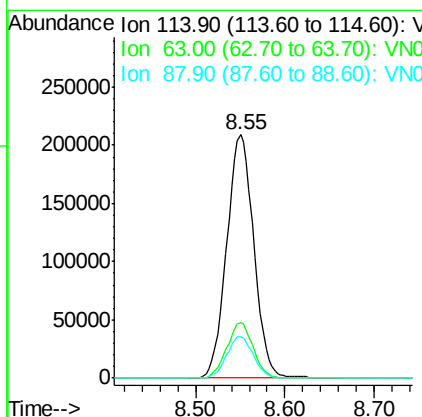
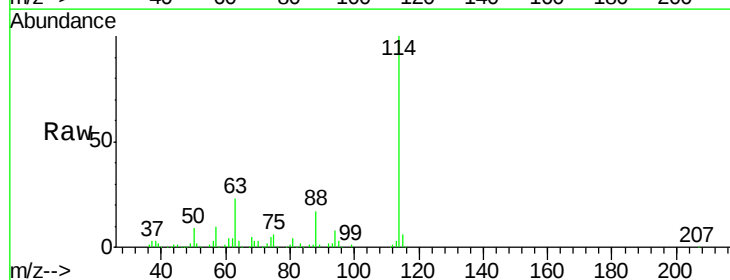
Instrument :
 MSVOA_N
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 BU-02-102820

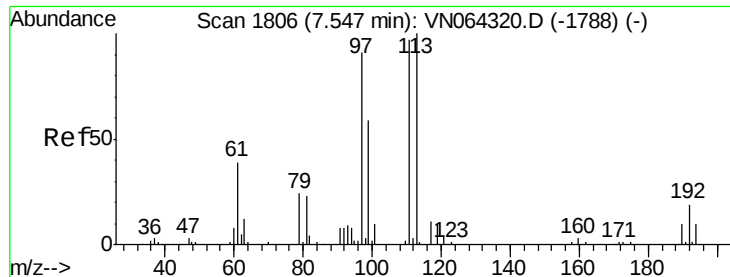
Tot Ion: 65 Resp: 196721
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 99.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064375.D
 Acq: 29 Oct 2020 15:45

Tgt Ion: 114 Resp: 439958
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 44.6
 88 17.2 0.0 33.4

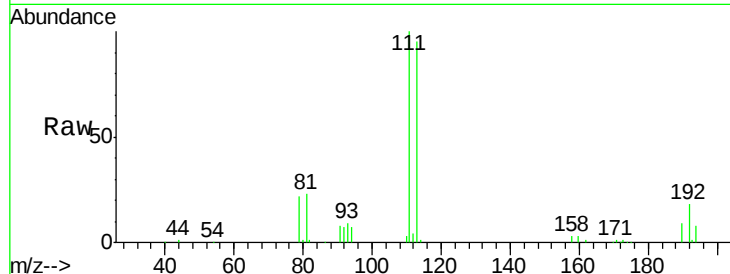




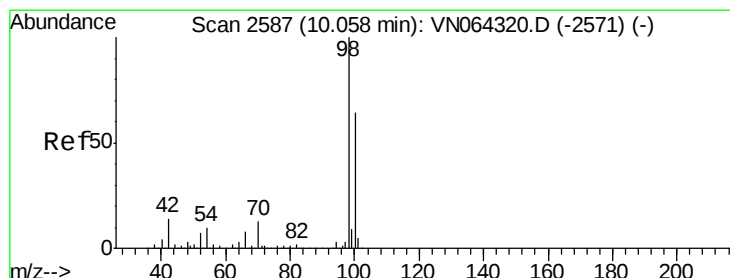
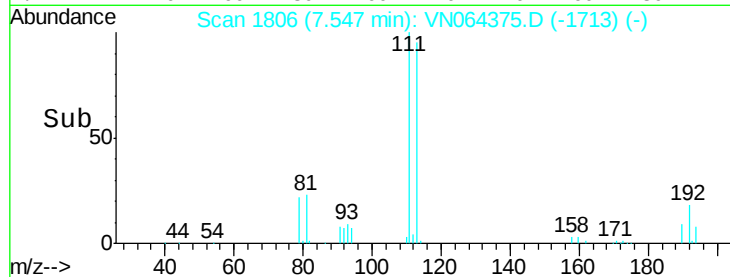
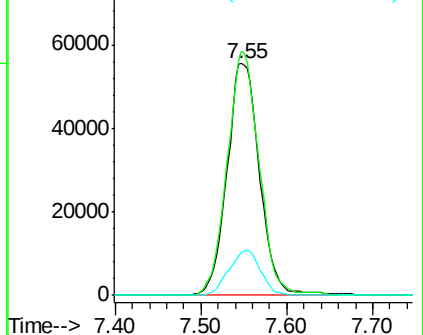
#35
 Dibromofluoromethane
 Concen: 49.673 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. 0.00 min
 Lab File: VN064375.D
 Acq: 29 Oct 2020 15:45

Instrument :
 MSVOA_N
 ClientSampleId :
 BU-02-102820

Tot Ion:113 Resp: 145740
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.5 122.3
 192 18.9 15.0 22.4

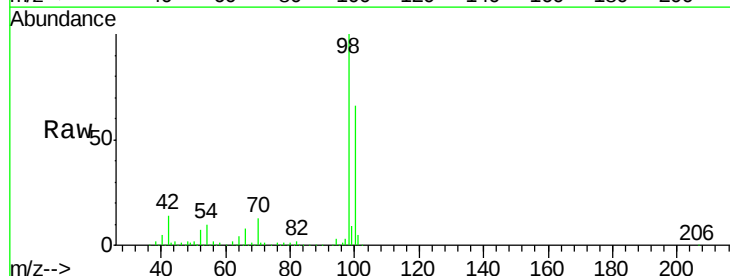


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

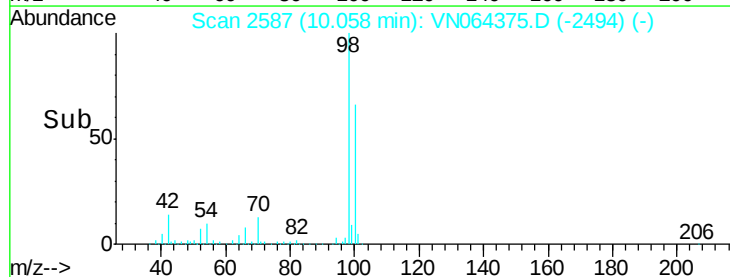
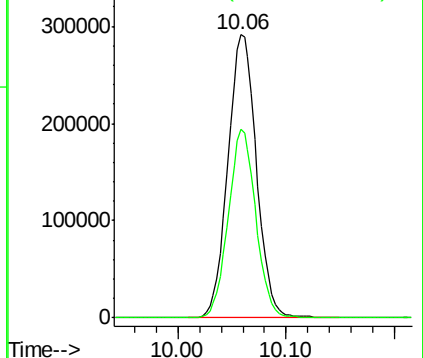


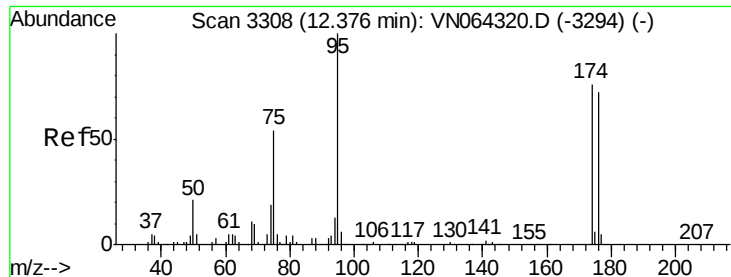
#50
 Toluene-d8
 Concen: 49.550 ug/l
 RT: 10.06 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN064375.D
 Acq: 29 Oct 2020 15:45

Tgt Ion: 98 Resp: 537736
 Ion Ratio Lower Upper
 98 100
 100 64.3 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): V
 Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 55.536 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064375.D

Acq: 29 Oct 2020 15:45

Instrument :

MSVOA_N

ClientSampleId :

BU-02-102820

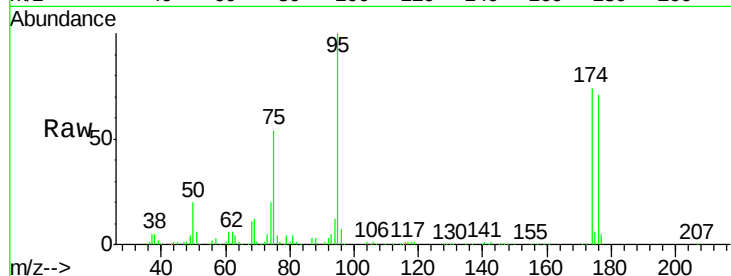
Tot Ion: 95 Resp: 234987

Ion Ratio Lower Upper

95 100

174 75.7 0.0 147.4

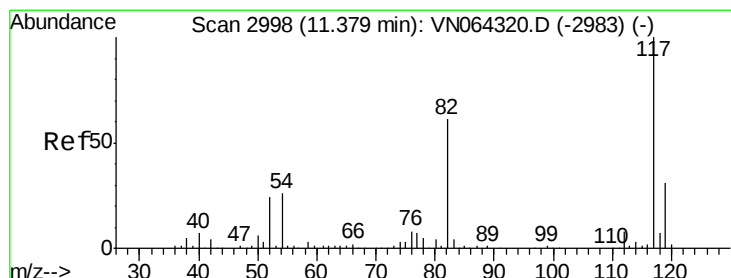
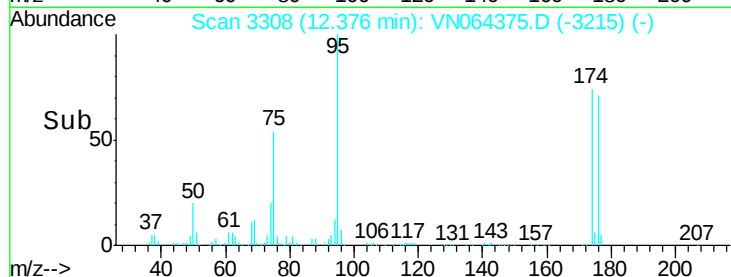
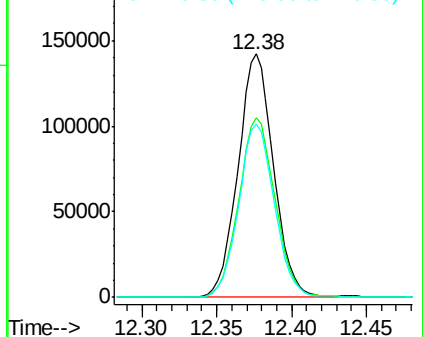
176 71.8 0.0 143.6



Abundance Ion 94.90 (94.60 to 95.60): VN064375.D (-2915) (-)

Ion 173.80 (173.50 to 174.50): VN064375.D (-2915) (-)

Ion 175.80 (175.50 to 176.50): VN064375.D (-2915) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN064375.D

Acq: 29 Oct 2020 15:45

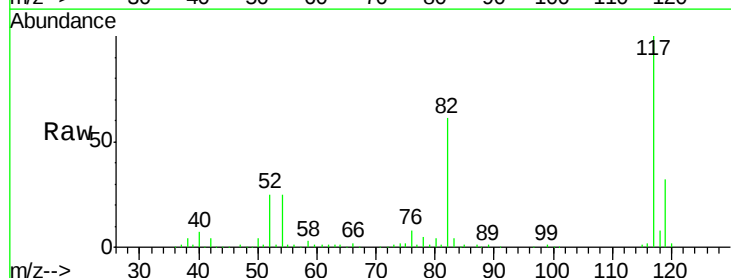
Tgt Ion: 117 Resp: 432688

Ion Ratio Lower Upper

117 100

82 60.9 48.8 73.2

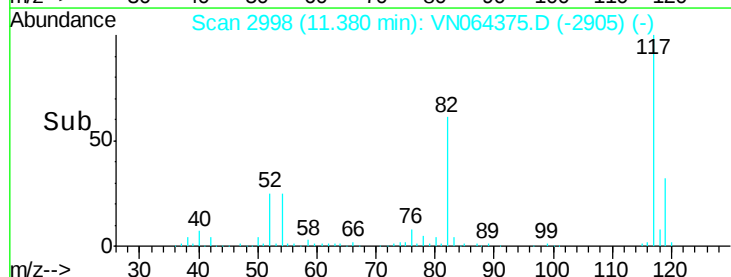
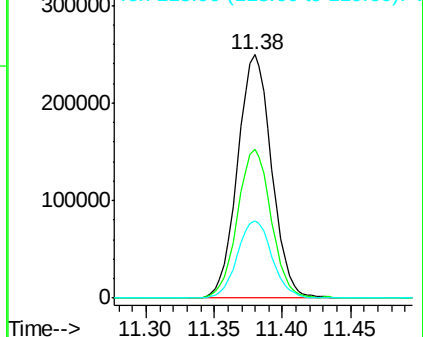
119 31.6 25.1 37.7

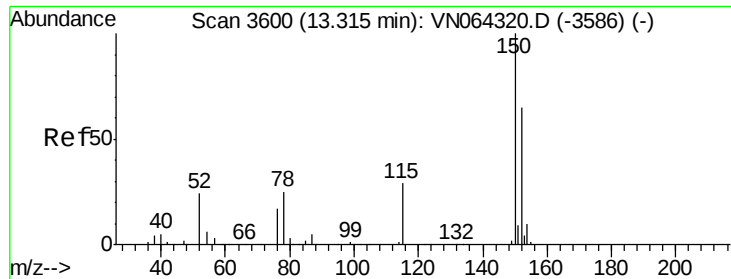


Abundance Ion 116.90 (116.60 to 117.60): VN064375.D (-2905) (-)

Ion 82.00 (81.70 to 82.70): VN064375.D (-2905) (-)

Ion 118.90 (118.60 to 119.60): VN064375.D (-2905) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064375.D

Acq: 29 Oct 2020 15:45

Instrument :

MSVOA_N

ClientSampleId :

BU-02-102820

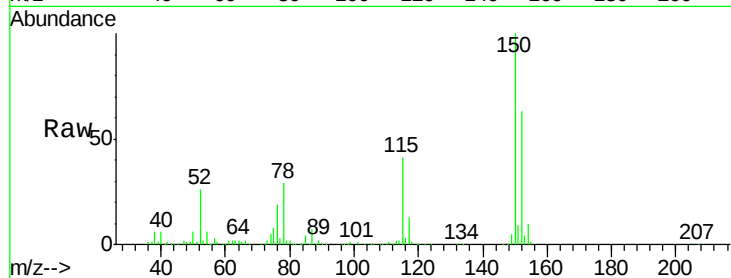
Tot Ion:152 Resp: 190108

Ion Ratio Lower Upper

152 100

115 64.3 31.5 94.5

150 156.2 0.0 346.2



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

