

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101320\
 Data File : VN064099.D
 Acq On : 13 Oct 2020 14:11
 Operator : JC/MD
 Sample : L4331-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-10-8-20

Quant Time: Oct 14 04:59:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

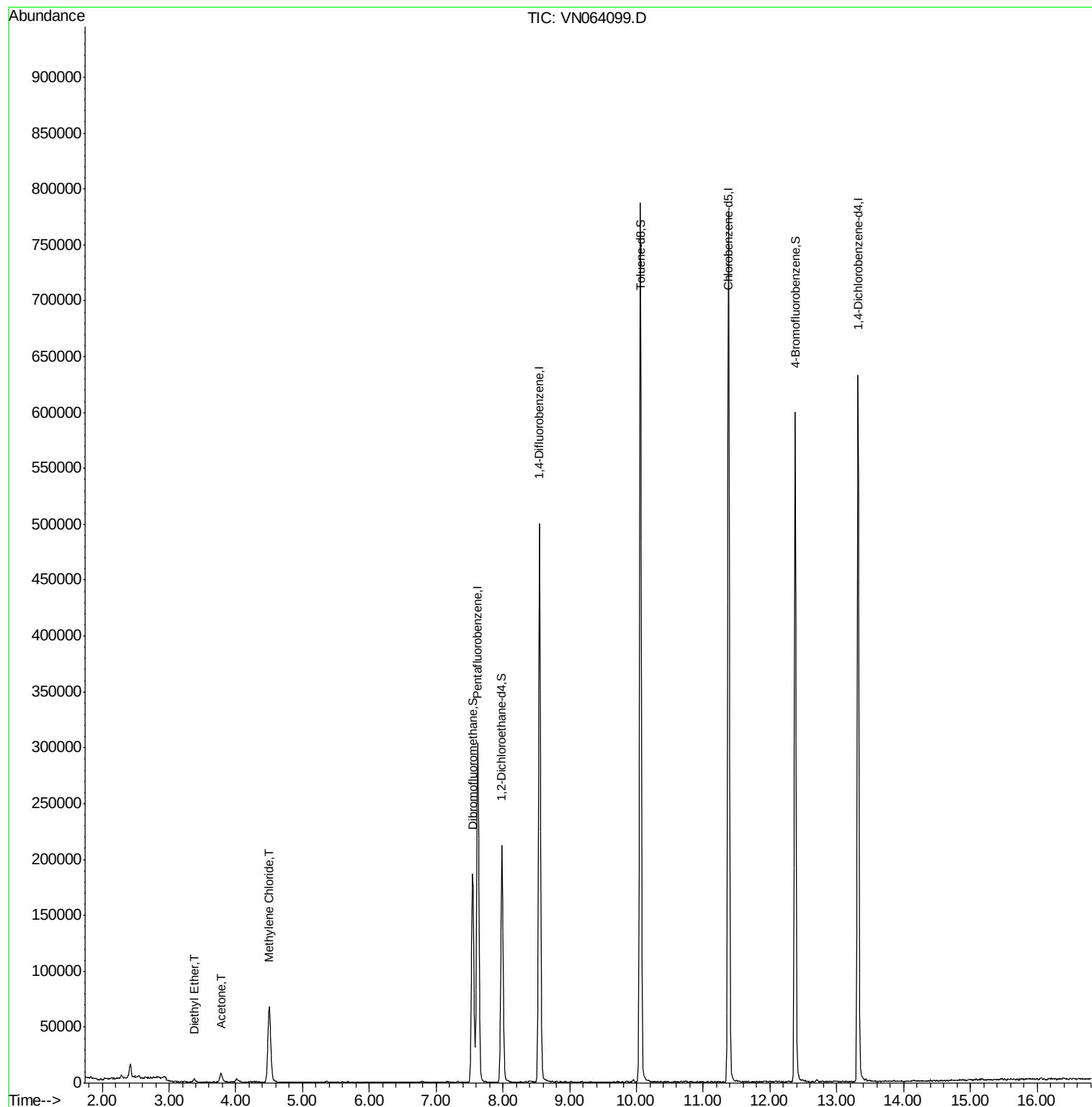
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	228412	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	419423	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	429995	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	161233	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.98	65	188814	50.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.08%	
35) Dibromofluoromethane	7.55	113	143890	49.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.88%	
50) Toluene-d8	10.06	98	532166	48.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.48%	
62) 4-Bromofluorobenzene	12.38	95	204382	49.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.56%	
Target Compounds						
8) Diethyl Ether	3.38	74	1173	0.770	ug/l	81
16) Acetone	3.78	43	15080	12.982	ug/l	94
20) Methylene Chloride	4.50	84	47629	17.964	ug/l	96

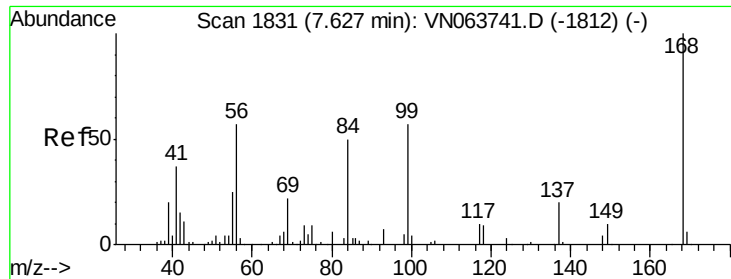
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 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: VN064099.D

Acq: 13 Oct 2020 14:11

Instrument :

MSVOA_N

ClientSampled :

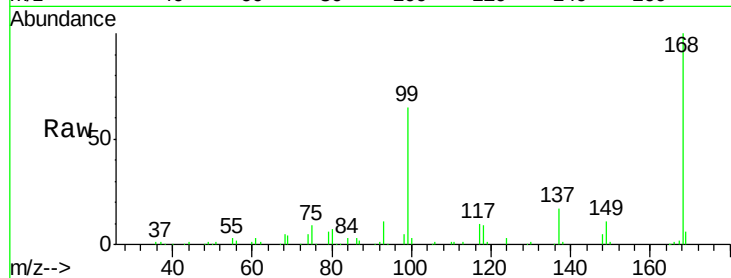
TB-10-8-20

Tot Ion:168 Resp: 228412

Ion Ratio Lower Upper

168 100

99 64.6 51.8 77.6



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

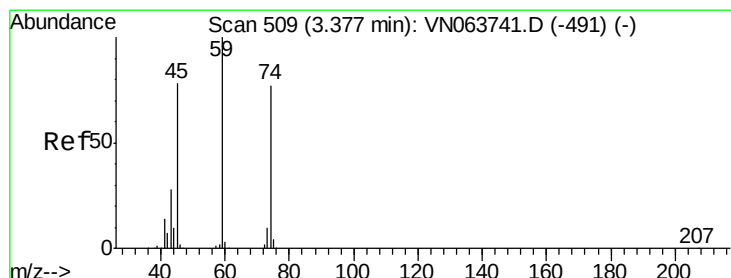
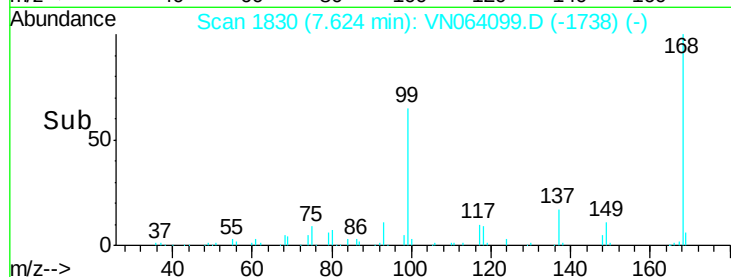
Time-->

7.50

7.60

7.70

7.80



#8

Diethyl Ether

Concen: 0.770 ug/l

RT: 3.38 min Scan# 509

Delta R.T. 0.00 min

Lab File: VN064099.D

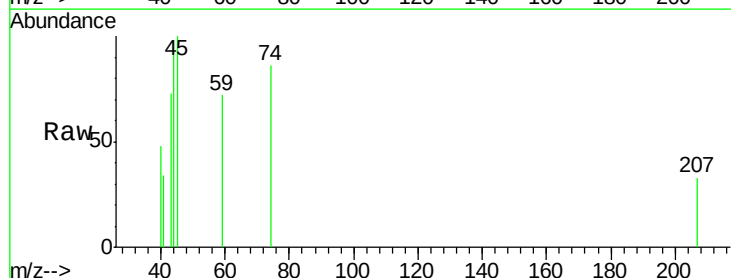
Acq: 13 Oct 2020 14:11

Tgt Ion: 74 Resp: 1173

Ion Ratio Lower Upper

74 100

45 121.5 50.9 152.8



Abundance Ion 74.00 (73.70 to 74.70): VN

Ion 45.00 (44.70 to 45.70): VN

3.38

800

600

400

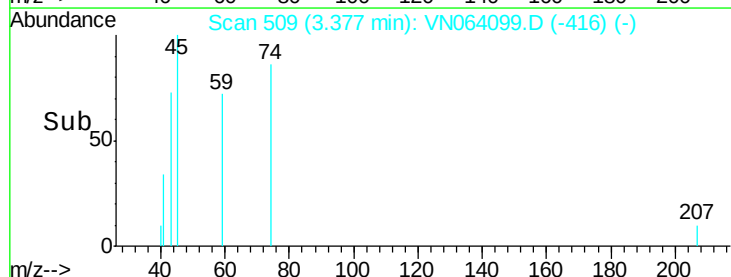
200

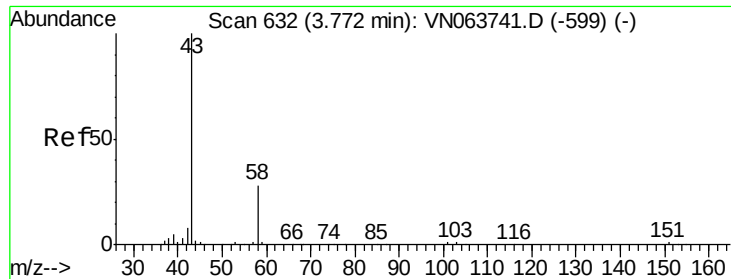
0

Time-->

3.35

3.40





#16

Acetone

Concen: 12.982 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.01 min

Lab File: VN064099.D

Acq: 13 Oct 2020 14:11

Instrument :

MSVOA_N

ClientSampled :

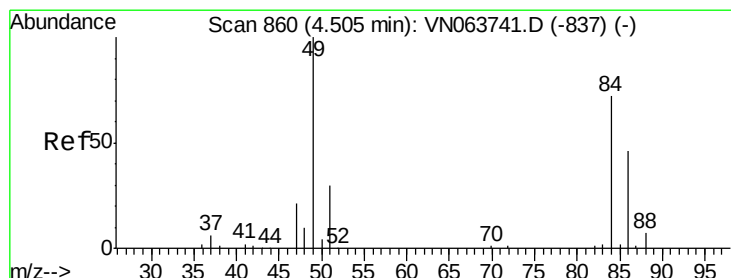
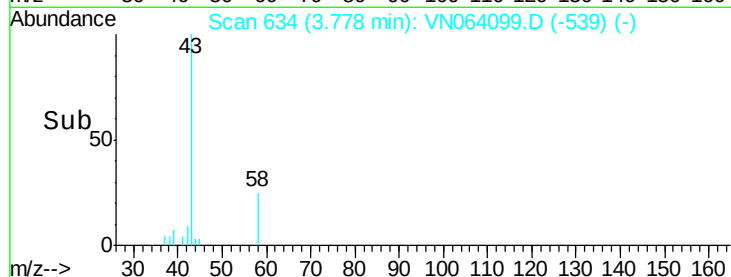
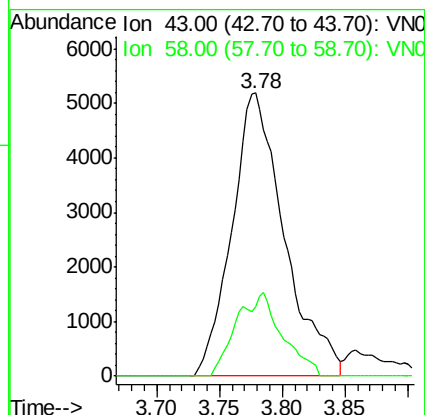
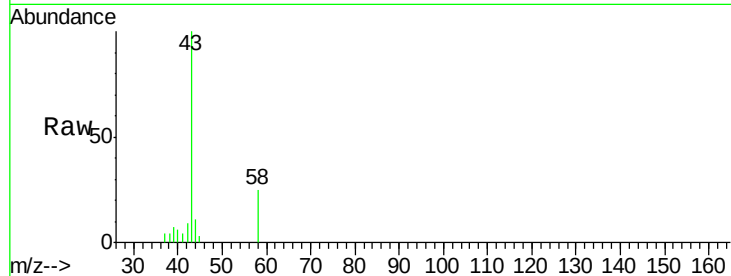
TB-10-8-20

Tot Ion: 43 Resp: 15080

Ion Ratio Lower Upper

43 100

58 24.7 22.3 33.5



#20

Methylene Chloride

Concen: 17.964 ug/l

RT: 4.50 min Scan# 859

Delta R.T. -0.00 min

Lab File: VN064099.D

Acq: 13 Oct 2020 14:11

Tgt Ion: 84 Resp: 47629

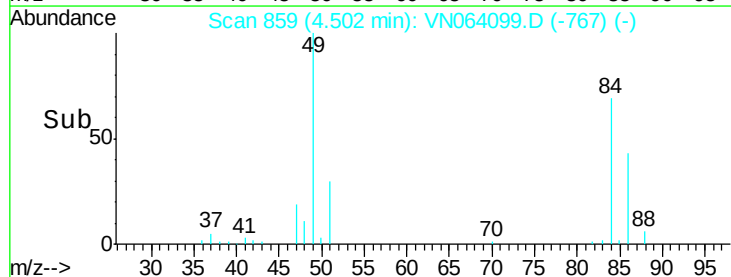
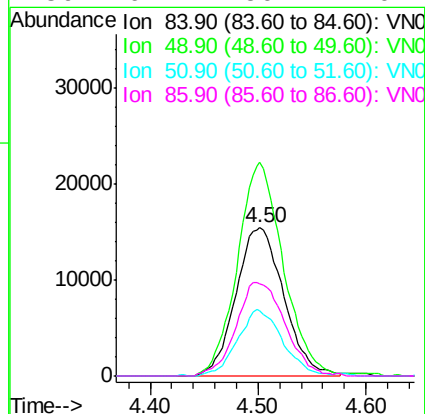
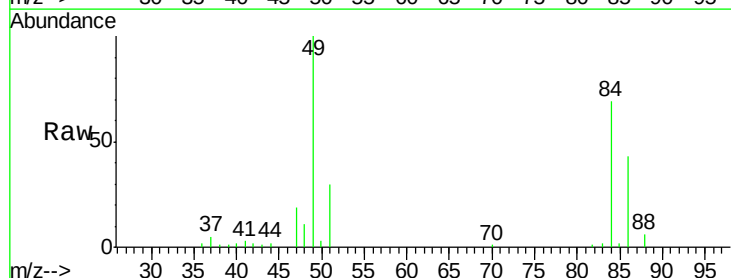
Ion Ratio Lower Upper

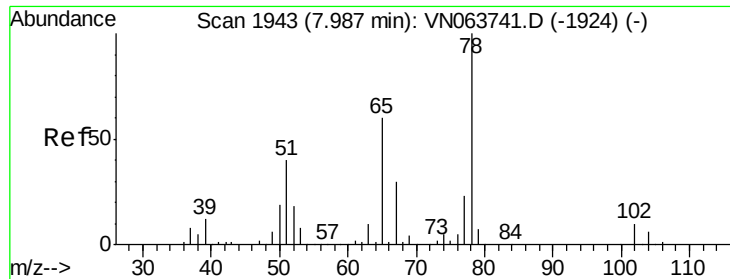
84 100

49 144.4 110.4 165.6

51 43.8 33.3 49.9

86 62.7 50.7 76.1

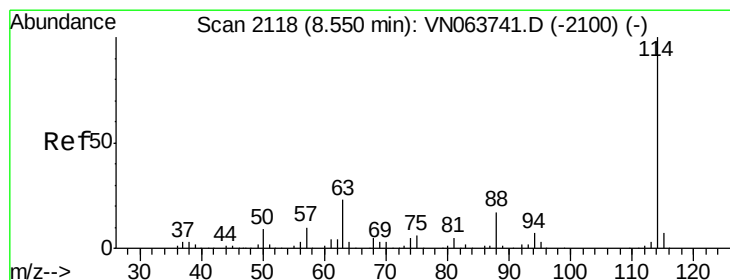
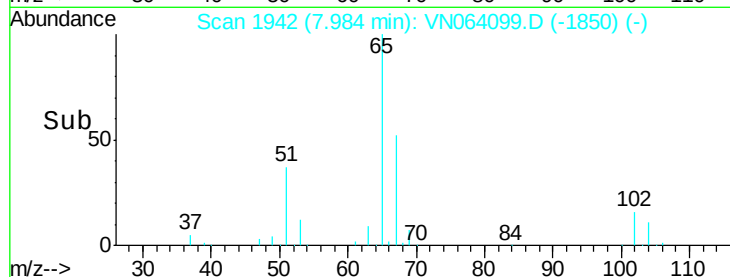
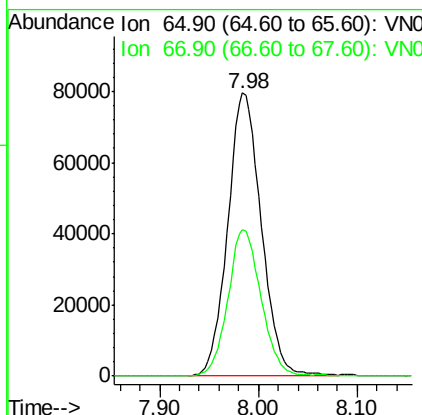
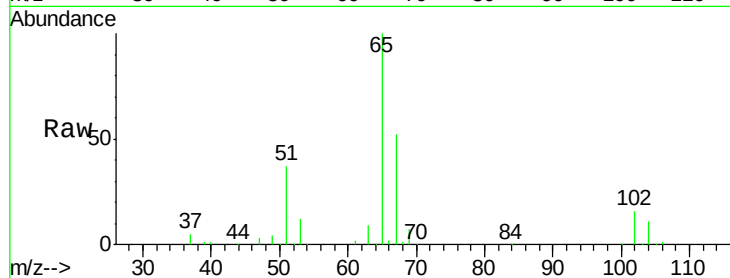




#33
 1,2-Dichloroethane-d4
 Concen: 50.037 ug/l
 RT: 7.98 min Scan# 1942
 Delta R.T. -0.00 min
 Lab File: VN064099.D
 Acq: 13 Oct 2020 14:11

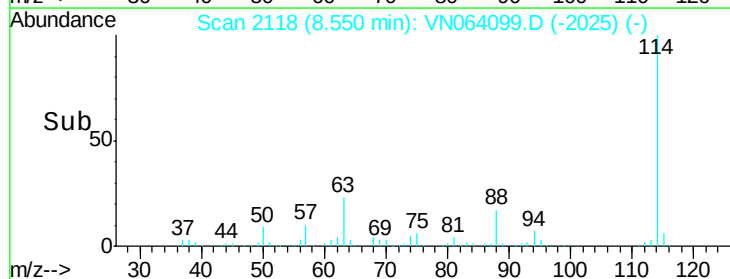
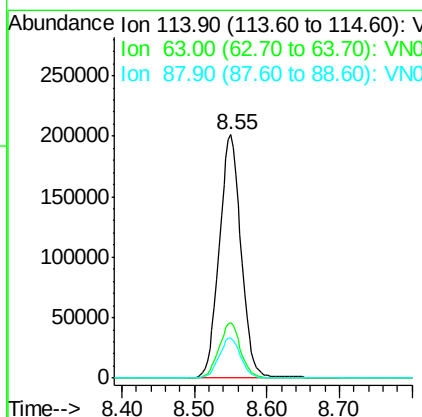
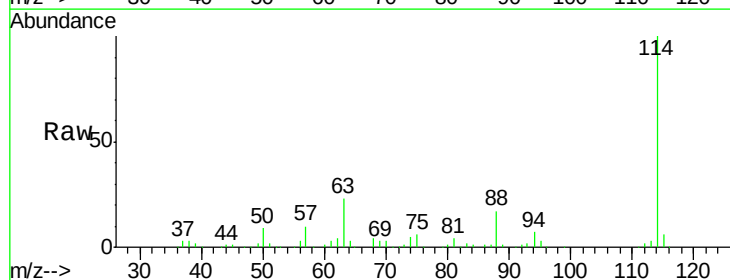
Instrument :
 MSVOA_N
 ClientSampleId :
 TB-10-8-20

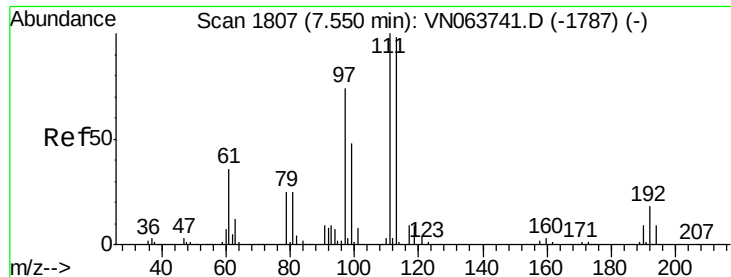
Tot Ion: 65 Resp: 188814
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064099.D
 Acq: 13 Oct 2020 14:11

Tgt Ion: 114 Resp: 419423
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 45.0
 88 16.5 0.0 34.0

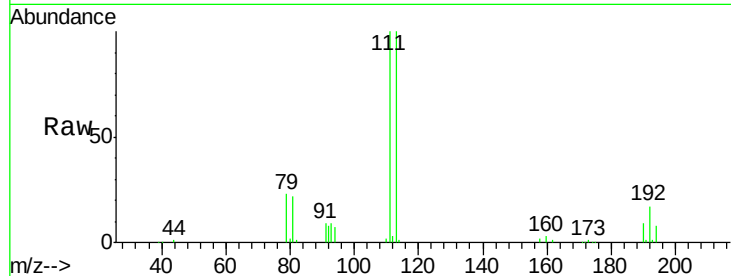




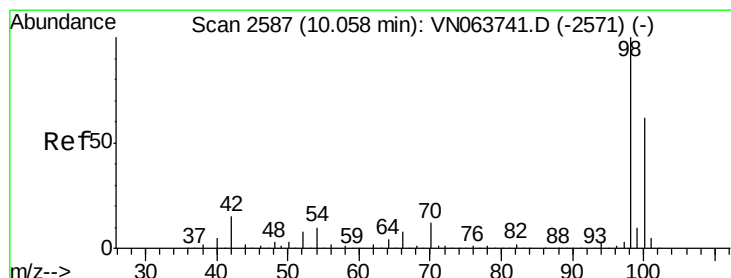
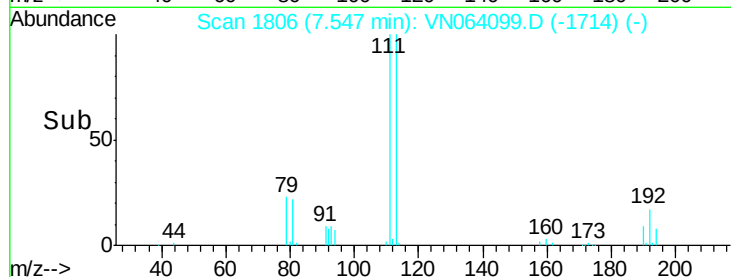
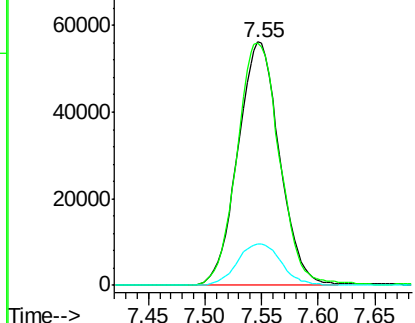
#35
 Dibromofluoromethane
 Concen: 49.442 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN064099.D
 Acq: 13 Oct 2020 14:11

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-10-8-20

Tot Ion:113 Resp: 143890
 Ion Ratio Lower Upper
 113 100
 111 101.8 81.8 122.8
 192 18.0 14.2 21.2

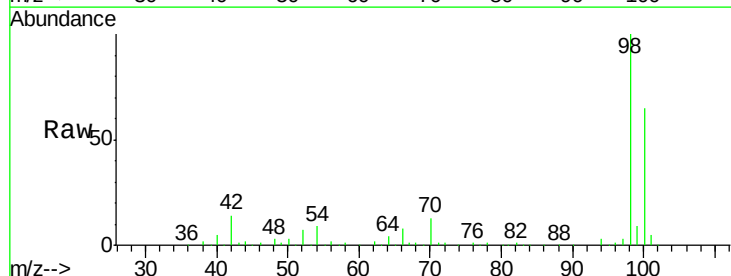


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

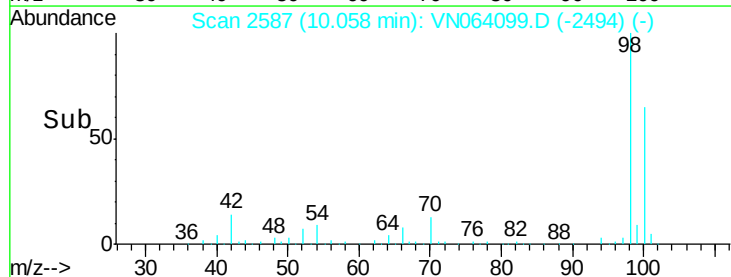
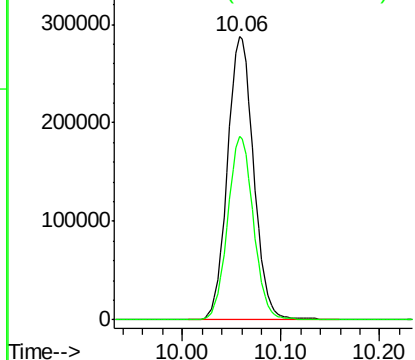


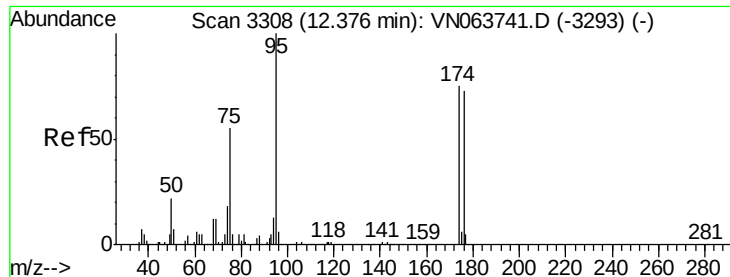
#50
 Toluene-d8
 Concen: 48.236 ug/l
 RT: 10.06 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN064099.D
 Acq: 13 Oct 2020 14:11

Tgt Ion: 98 Resp: 532166
 Ion Ratio Lower Upper
 98 100
 100 63.5 49.8 74.6



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





#62

4-Bromofluorobenzene

Concen: 49.281 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064099.D

Acq: 13 Oct 2020 14:11

Instrument :

MSVOA_N

ClientSampleId :

TB-10-8-20

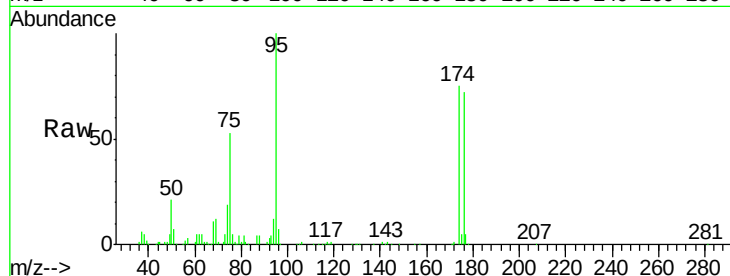
Tot Ion: 95 Resp: 204382

Ion Ratio Lower Upper

95 100

174 74.6 0.0 150.6

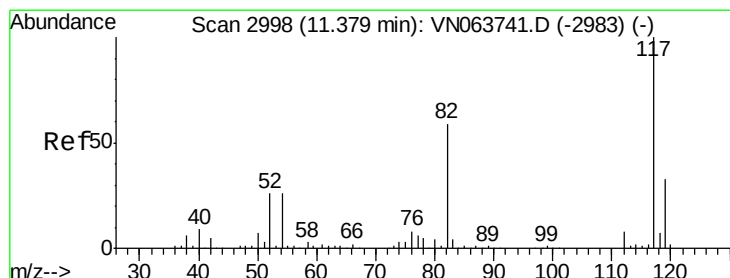
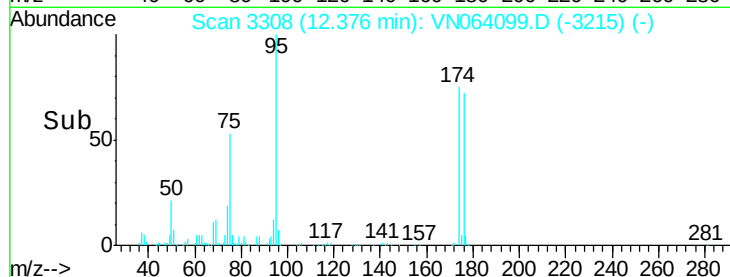
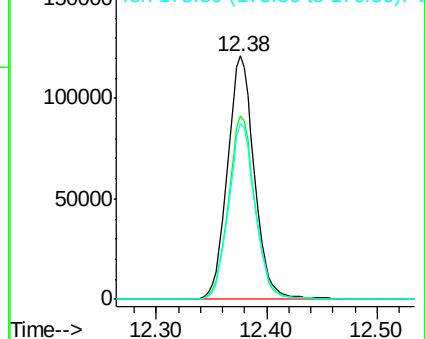
176 70.8 0.0 145.4



Abundance Ion 94.90 (94.60 to 95.60): VN063741.D (-3293) (-)

Ion 173.80 (173.50 to 174.50): VN063741.D (-3293) (-)

Ion 175.80 (175.50 to 176.50): VN063741.D (-3293) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN064099.D

Acq: 13 Oct 2020 14:11

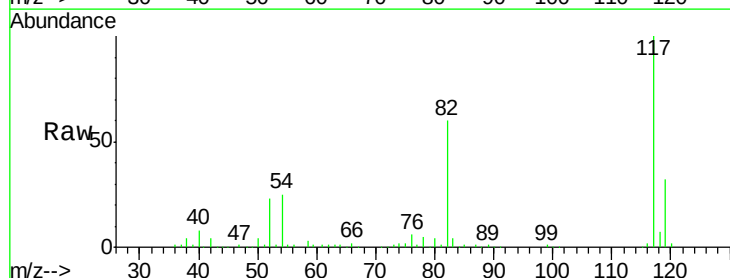
Tgt Ion: 117 Resp: 429995

Ion Ratio Lower Upper

117 100

82 60.4 47.4 71.2

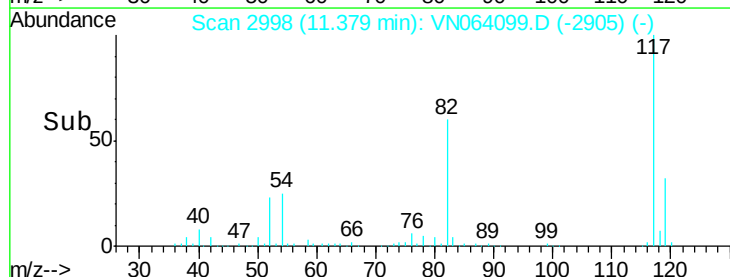
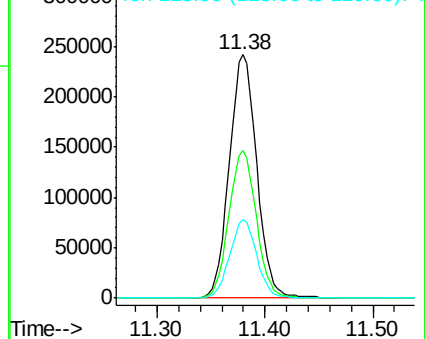
119 32.1 26.4 39.6

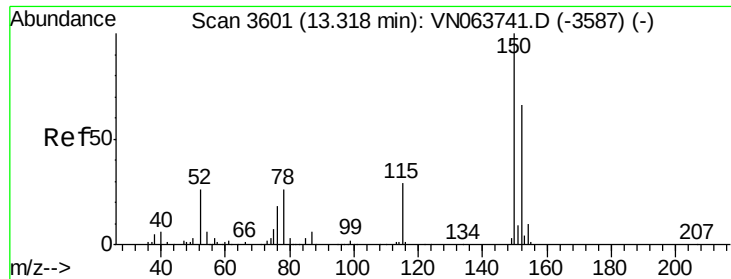


Abundance Ion 116.90 (116.60 to 117.60): VN063741.D (-2983) (-)

Ion 82.00 (81.70 to 82.70): VN063741.D (-2983) (-)

Ion 118.90 (118.60 to 119.60): VN063741.D (-2983) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064099.D

Acq: 13 Oct 2020 14:11

Instrument :

MSVOA_N

ClientSampleId :

TB-10-8-20

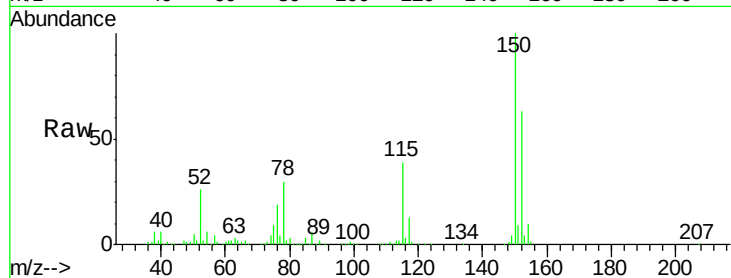
Tot Ion:152 Resp: 161233

Ion Ratio Lower Upper

152 100

115 63.0 31.3 93.8

150 160.4 0.0 341.8



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

