

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100920\
 Data File : VN064068.D
 Acq On : 10 Oct 2020 4:49
 Operator : JC/MD
 Sample : L4319-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 11995

Quant Time: Oct 10 05:55:44 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

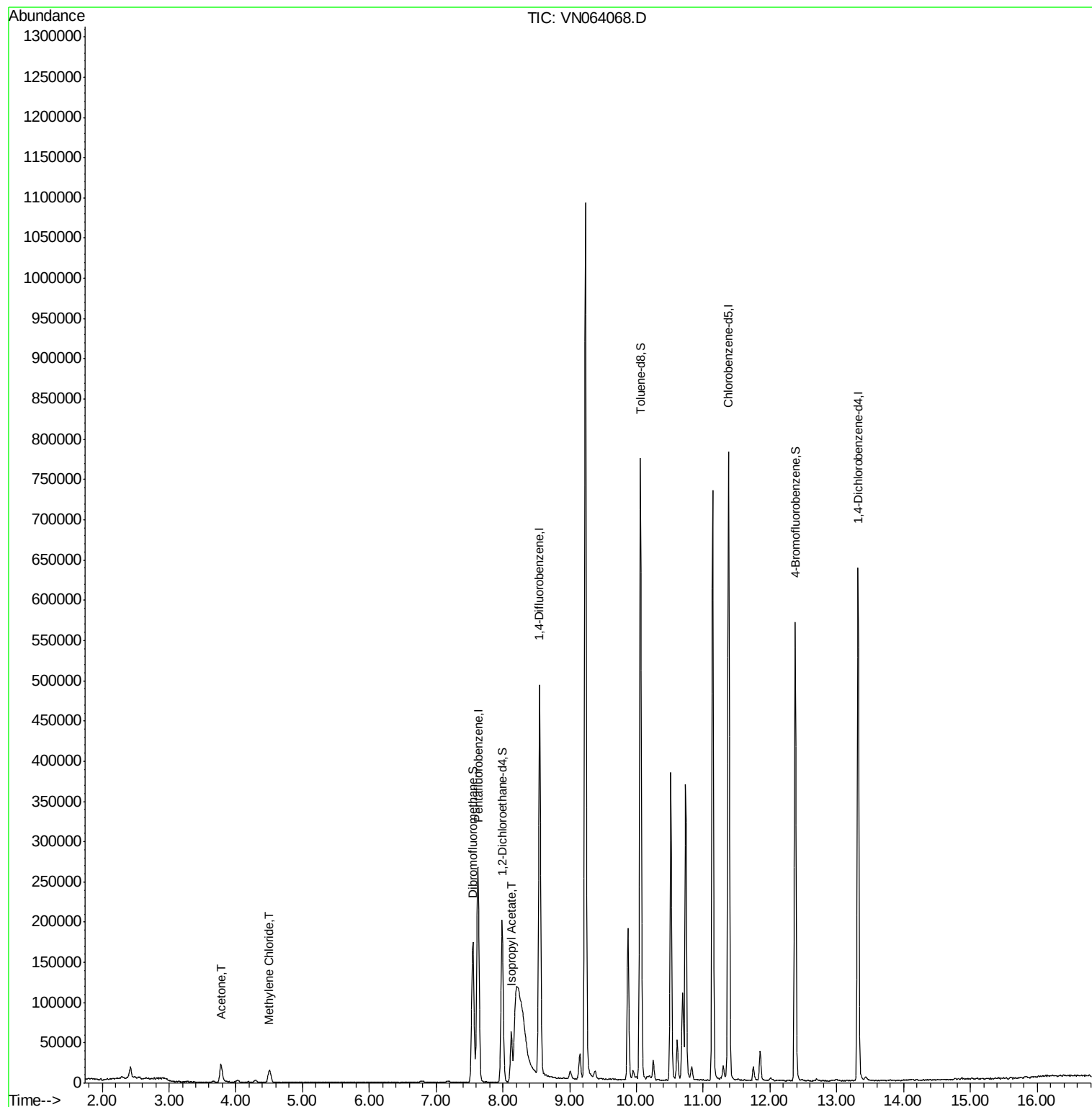
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	199074	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	400415	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	414025	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	156909	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	181826	55.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.58%	
35) Dibromofluoromethane	7.55	113	133123	47.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.82%	
50) Toluene-d8	10.06	98	518948	49.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.54%	
62) 4-Bromofluorobenzene	12.38	95	193568	48.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.78%	
Target Compounds						
16) Acetone	3.78	43	41322	40.815	ug/l	95
20) Methylene Chloride	4.51	84	10869	4.776	ug/l	92
43) Isopropyl Acetate	8.13	43	74054	11.140	ug/l	98

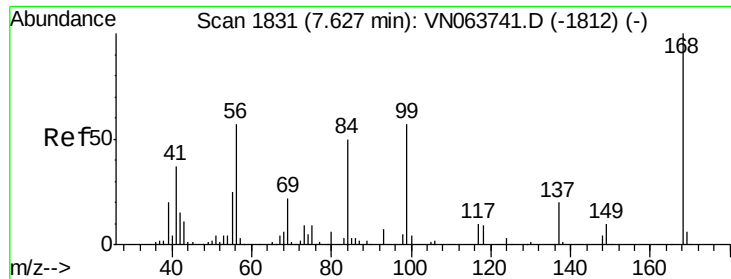
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN064068.D

Acq: 10 Oct 2020 4:49

Instrument :

MSVOA_N

ClientSampleId :

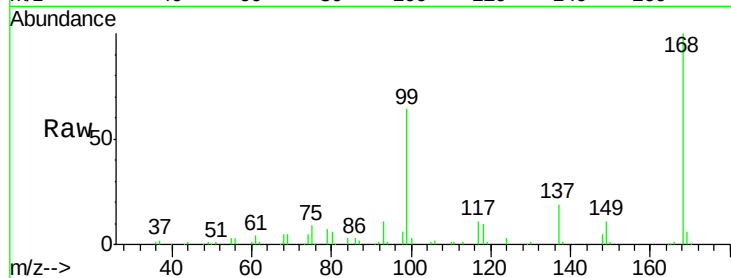
11995

Tot Ion:168 Resp: 199074

Ion Ratio Lower Upper

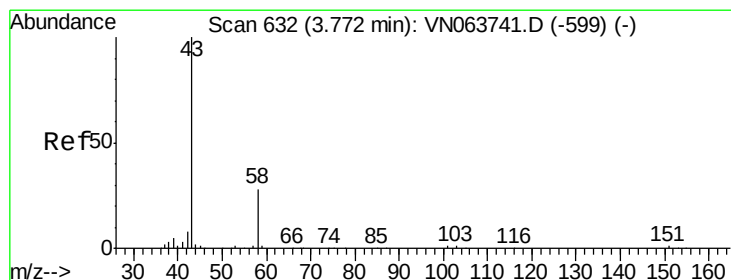
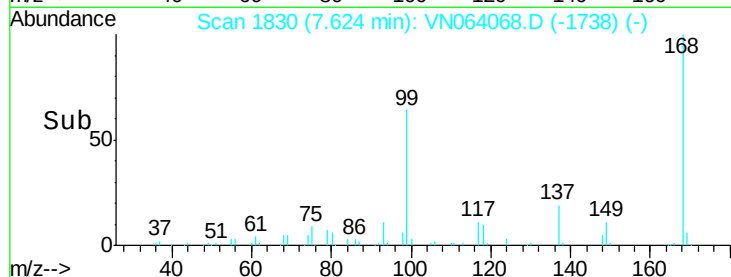
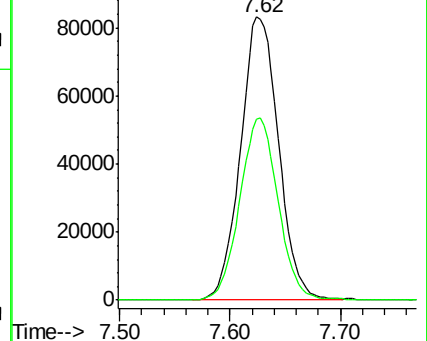
168 100

99 64.0 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 40.815 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.01 min

Lab File: VN064068.D

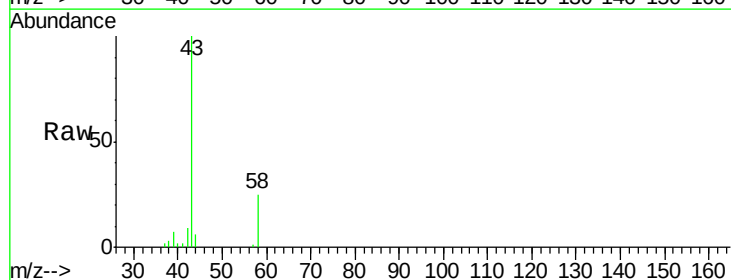
Acq: 10 Oct 2020 4:49

Tgt Ion: 43 Resp: 41322

Ion Ratio Lower Upper

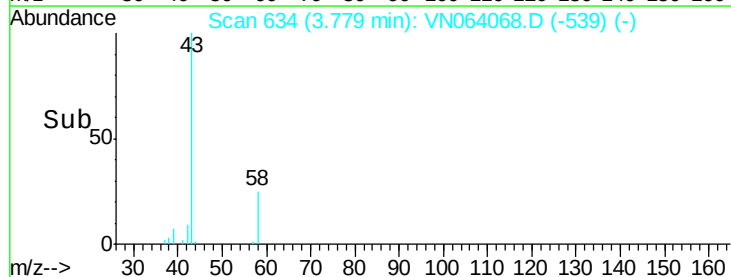
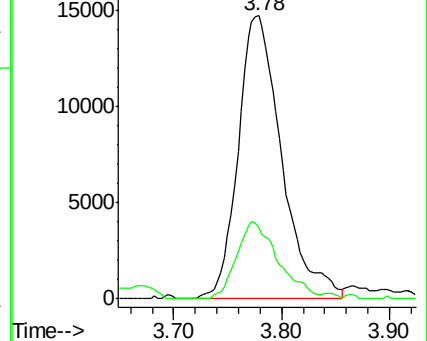
43 100

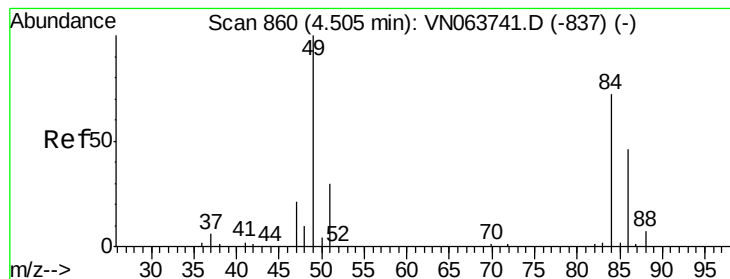
58 25.1 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#20

Methvlene Chloride

Concen: 4.776 ug/l

RT: 4.51 min Scan# 860

Delta R.T. 0.00 min

Lab File: VN064068.D

Acq: 10 Oct 2020 4:49

Instrument :

MSVOA_N

ClientSampleId :

11995

Tot Ion: 84 Resp: 10869

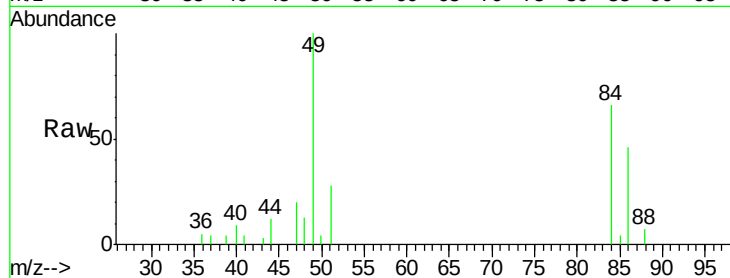
Ion Ratio Lower Upper

84 100

49 150.4 110.4 165.6

51 41.5 33.3 49.9

86 69.7 50.7 76.1

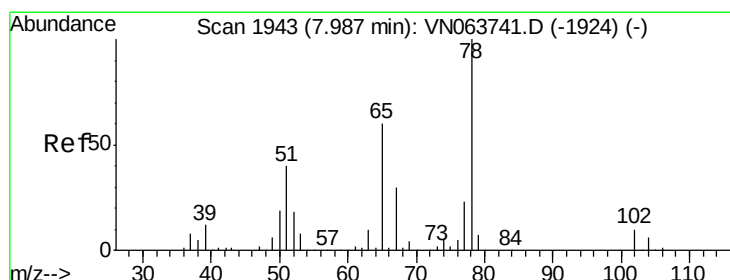
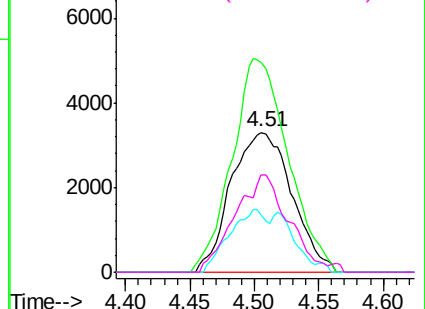
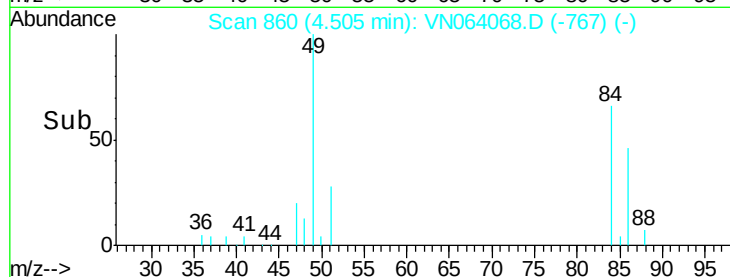


Abundance Ion 83.90 (83.60 to 84.60): VNC

Ion 48.90 (48.60 to 49.60): VNC

Ion 50.90 (50.60 to 51.60): VNC

Ion 85.90 (85.60 to 86.60): VNC



#33

1,2-Dichloroethane-d4

Concen: 55.286 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064068.D

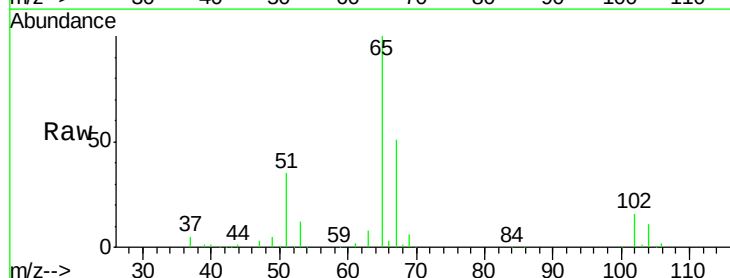
Acq: 10 Oct 2020 4:49

Tgt Ion: 65 Resp: 181826

Ion Ratio Lower Upper

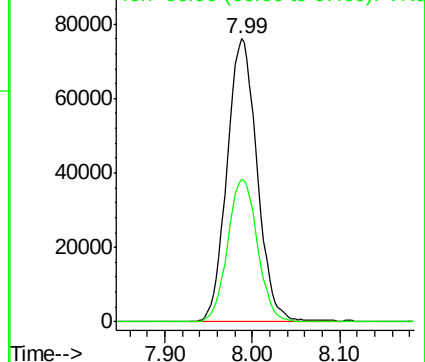
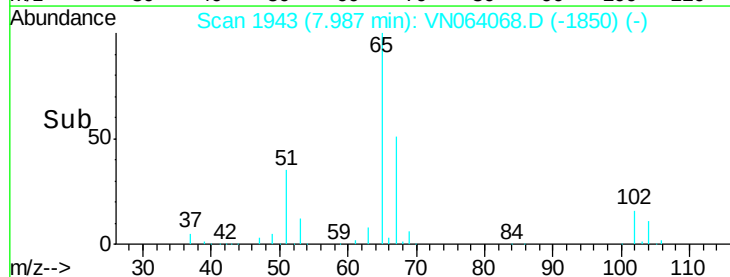
65 100

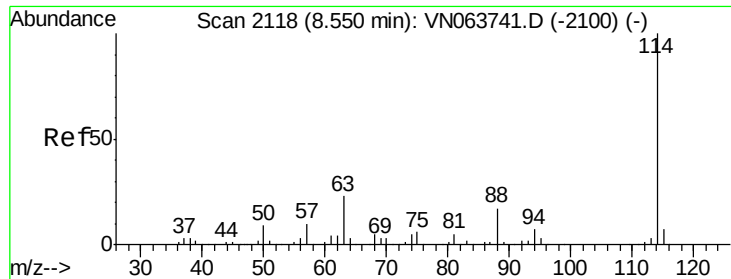
67 49.7 0.0 99.6



Abundance Ion 64.90 (64.60 to 65.60): VNC

Ion 66.90 (66.60 to 67.60): VNC

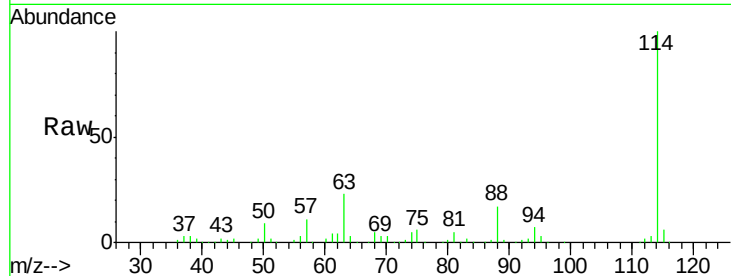




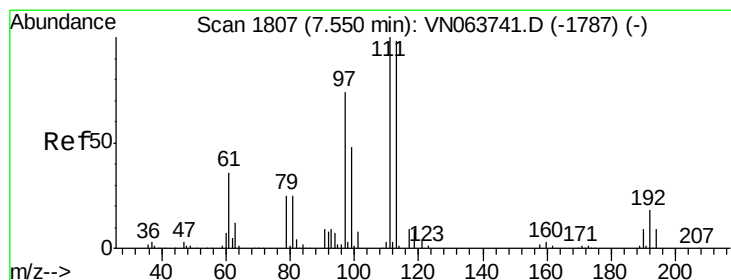
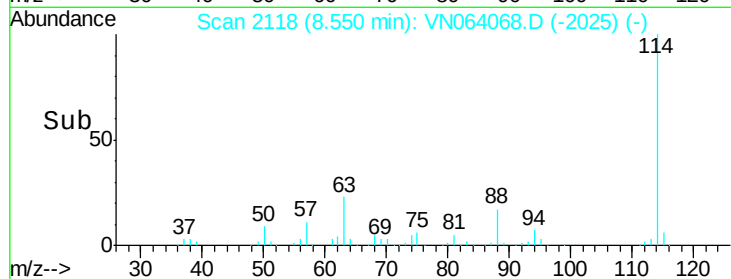
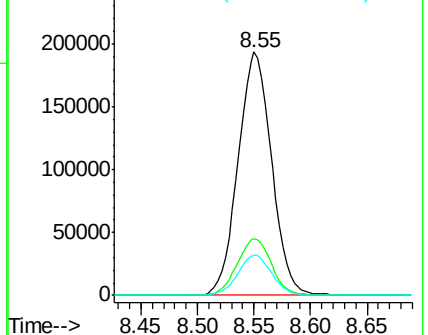
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN064068.D
Acq: 10 Oct 2020 4:49

Instrument :
MSVOA_N
ClientSampleId :
11995

Tot Ion:114 Resp: 400415
Ion Ratio Lower Upper
114 100
63 23.3 0.0 45.0
88 16.6 0.0 34.0

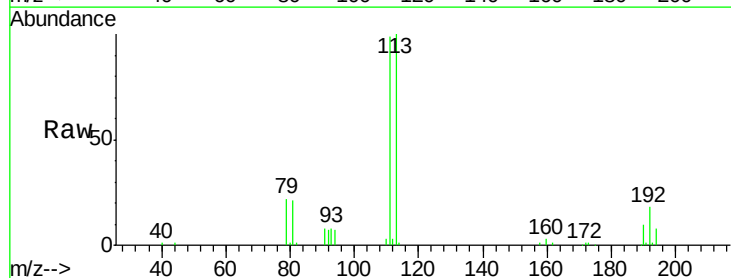


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

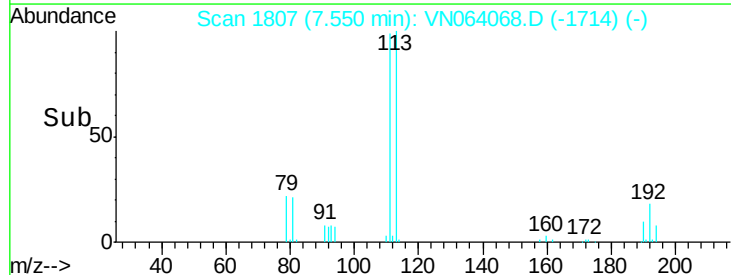
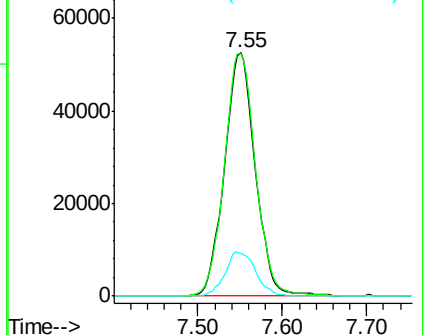


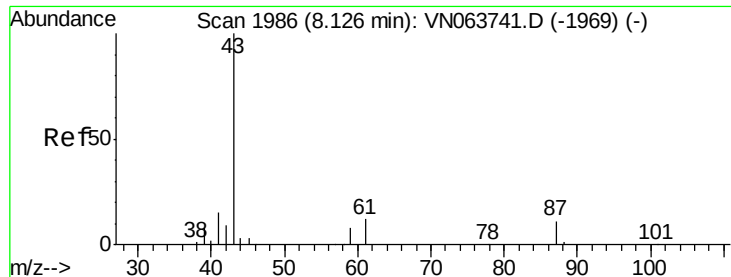
#35
Dibromofluoromethane
Concen: 47.914 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN064068.D
Acq: 10 Oct 2020 4:49

Tgt Ion:113 Resp: 133123
Ion Ratio Lower Upper
113 100
111 101.3 81.8 122.8
192 18.2 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





#43

Isopropyl Acetate

Concen: 11.140 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN064068.D

Acq: 10 Oct 2020 4:49

Instrument :

MSVOA_N

ClientSampled :

11995

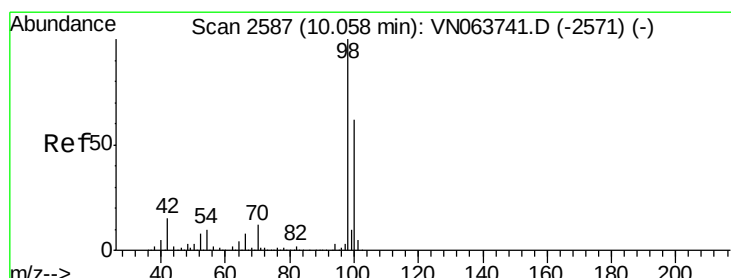
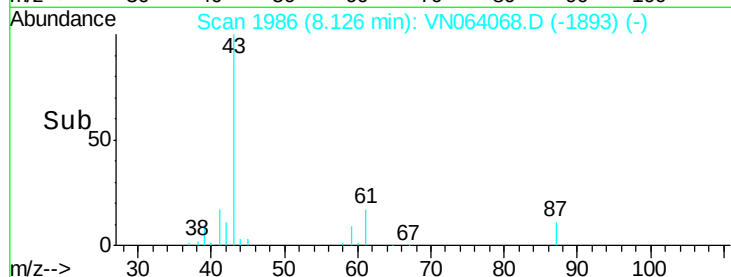
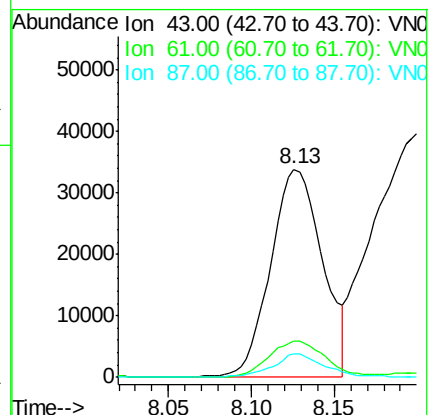
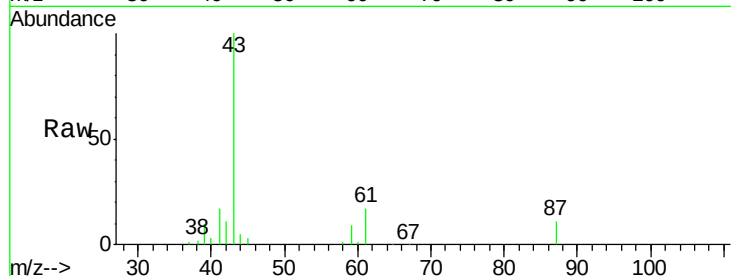
Tot Ion: 43 Resp: 74054

Ion Ratio Lower Upper

43 100

61 19.1 14.2 21.4

87 10.9 9.0 13.6



#50

Toluene-d8

Concen: 49.271 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064068.D

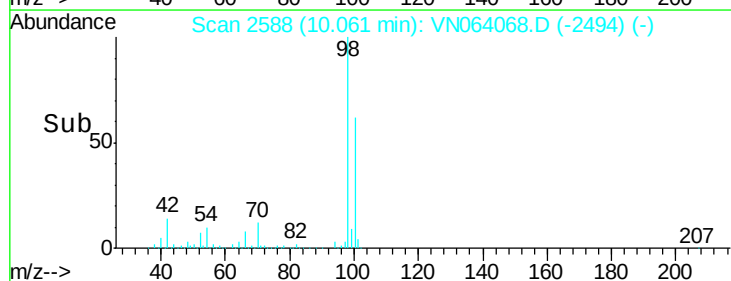
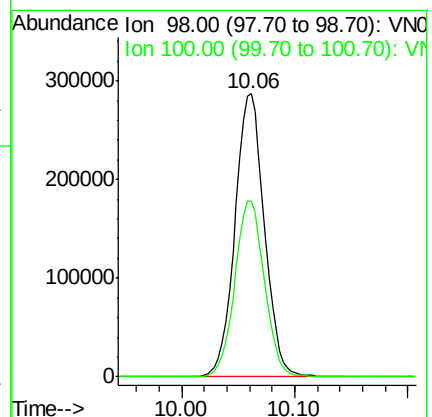
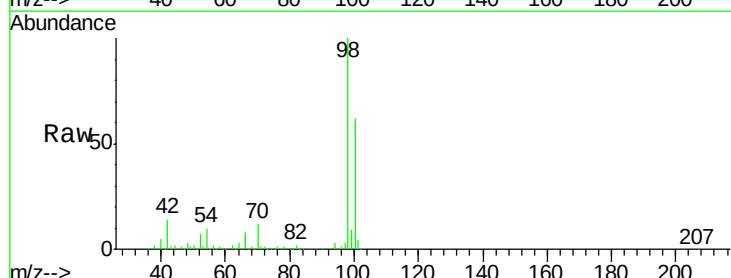
Acq: 10 Oct 2020 4:49

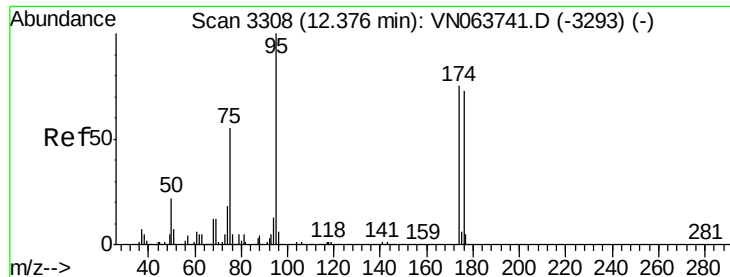
Tgt Ion: 98 Resp: 518948

Ion Ratio Lower Upper

98 100

100 62.8 49.8 74.6





#62

4-Bromofluorobenzene

Concen: 48.890 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064068.D

Acq: 10 Oct 2020 4:49

Instrument :

MSVOA_N

ClientSampled :

11995

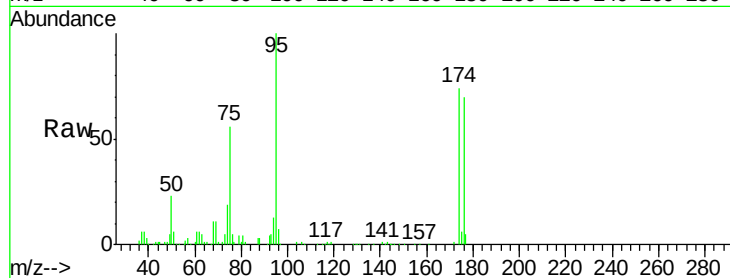
Tot Ion: 95 Resp: 193568

Ion Ratio Lower Upper

95 100

174 75.2 0.0 150.6

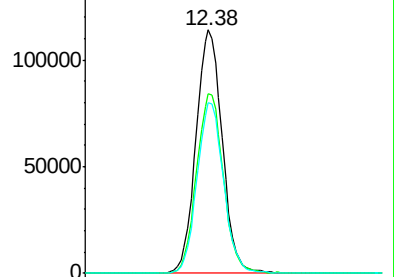
176 70.7 0.0 145.4



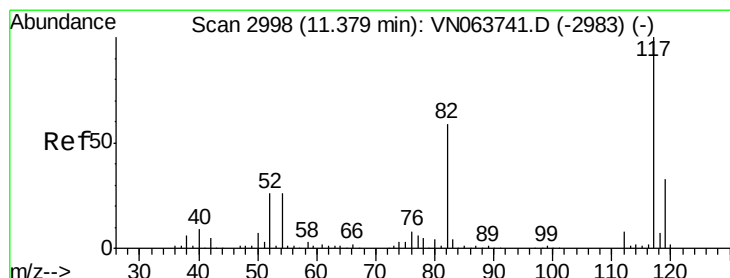
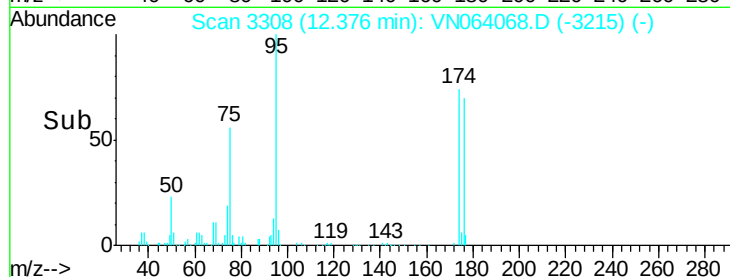
Abundance Ion 94.90 (94.60 to 95.60): VN063741.D (-3293) (-)

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

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



Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN064068.D

Acq: 10 Oct 2020 4:49

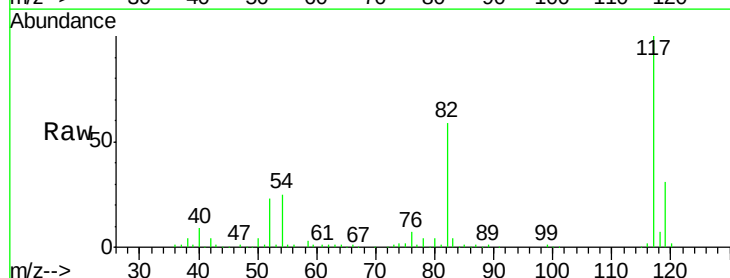
Tgt Ion: 117 Resp: 414025

Ion Ratio Lower Upper

117 100

82 58.9 47.4 71.2

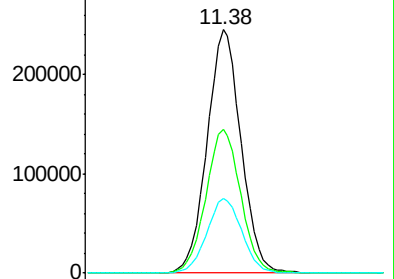
119 30.5 26.4 39.6



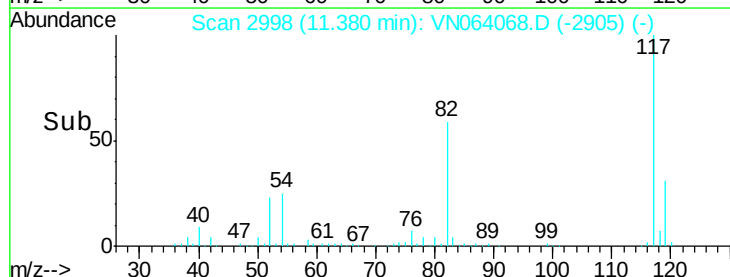
Abundance Ion 116.90 (116.60 to 117.60): VN063741.D (-2983) (-)

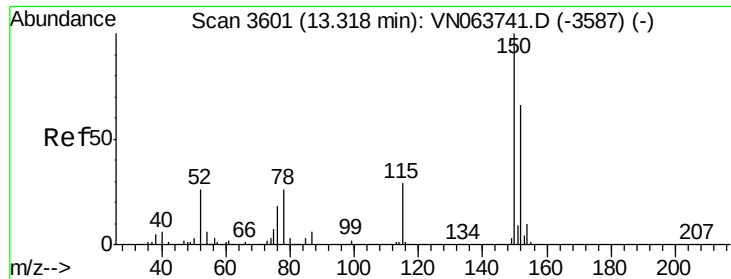
Ion 82.00 (81.70 to 82.70): VN063741.D (-2983) (-)

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



Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064068.D

Acq: 10 Oct 2020 4:49

Instrument :

MSVOA_N

ClientSampleId :

11995

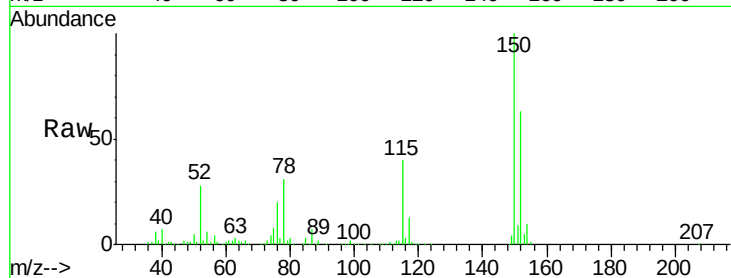
Tot Ion:152 Resp: 156909

Ion Ratio Lower Upper

152 100

115 63.9 31.3 93.8

150 158.2 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

