

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091420\
 Data File : VN063341.D
 Acq On : 14 Sep 2020 14:31
 Operator : JC/MD
 Sample : L3981-04ME 20X
 Misc : 8.33g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 B18-0-2ME

Quant Time: Sep 15 07:34:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091020W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 11 06:02:56 2020
 Response via : Initial Calibration

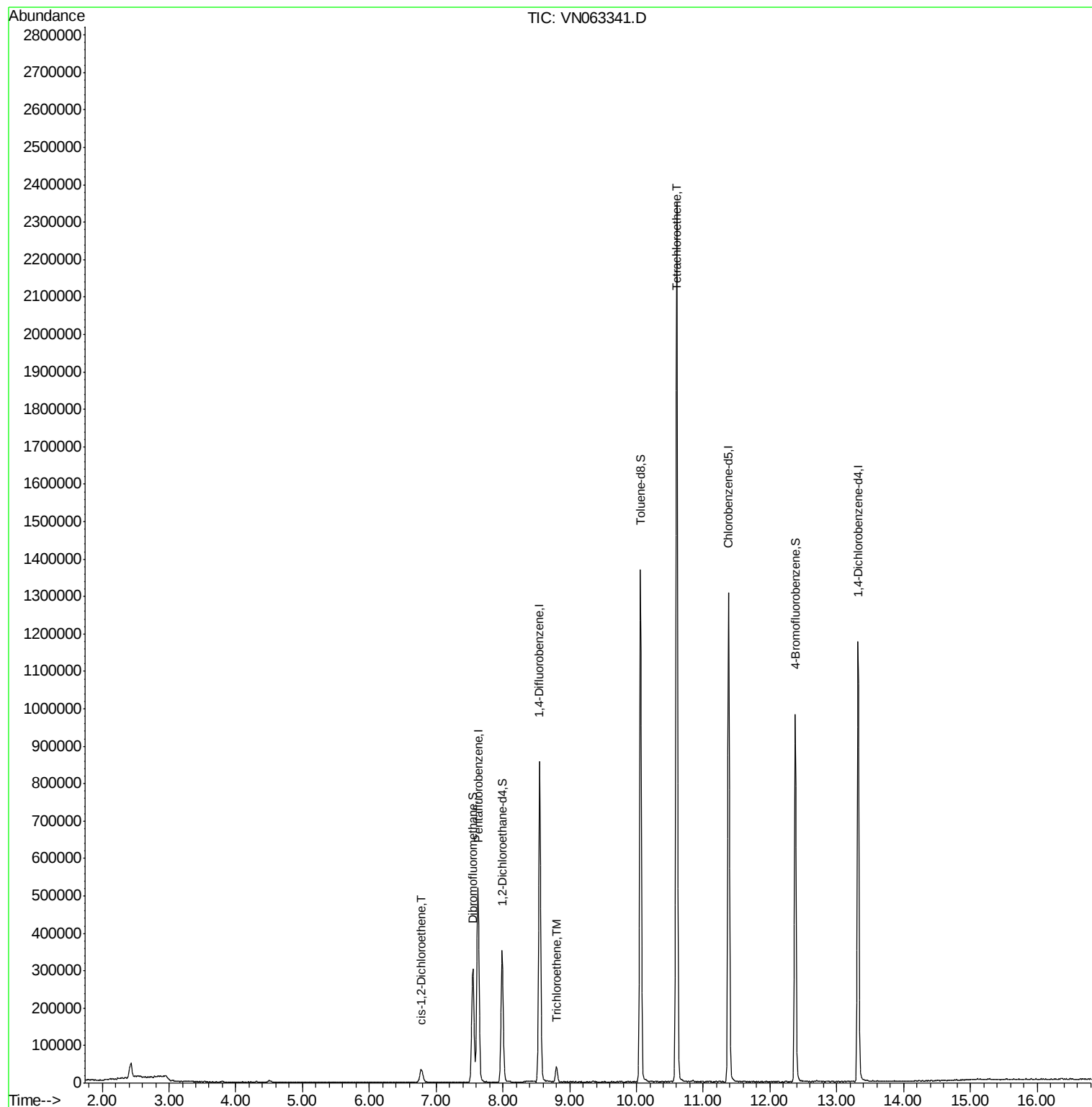
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	390203	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	728836	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	714902	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	296626	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	299689	48.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.76%	
35) Dibromofluoromethane	7.55	113	230069	48.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.86%	
50) Toluene-d8	10.06	98	932529	51.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.50%	
62) 4-Bromofluorobenzene	12.38	95	349201	52.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.94%	
Target Compounds						
27) cis-1,2-Dichloroethene	6.79	96	11937	2.140	ug/l	89
44) Trichloroethene	8.80	130	13562	2.424	ug/l	85
64) Tetrachloroethene	10.60	164	490493	83.753	ug/l	100

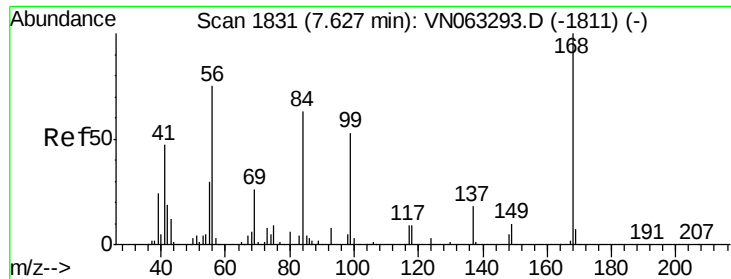
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VN063341.D

Acq: 14 Sep 2020 14:31

Instrument :

MSVOA_N

ClientSampleId :

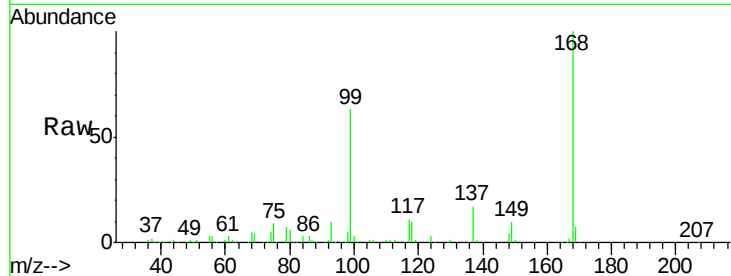
B18-0-2ME

Tot Ion:168 Resp: 390203

Ion Ratio Lower Upper

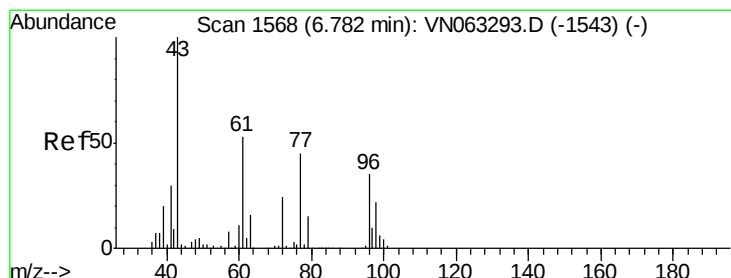
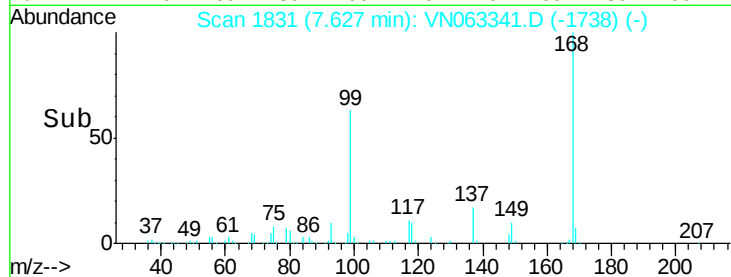
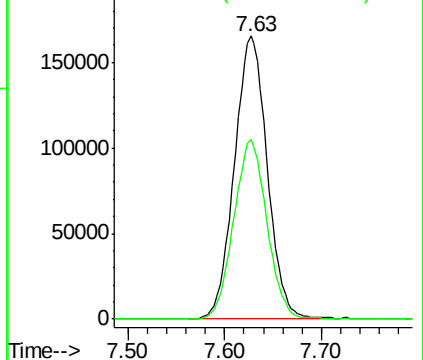
168 100

99 63.4 51.1 76.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#27

cis-1,2-Dichloroethene

Concen: 2.140 ug/l

RT: 6.79 min Scan# 1570

Delta R.T. 0.01 min

Lab File: VN063341.D

Acq: 14 Sep 2020 14:31

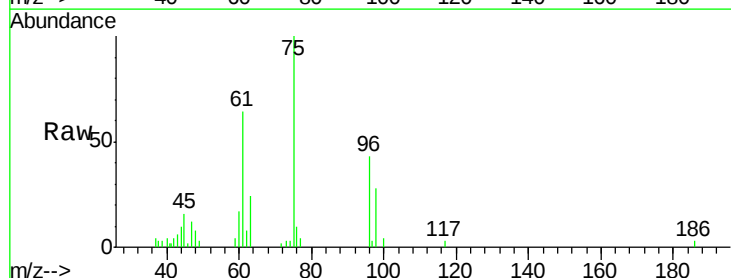
Tgt Ion: 96 Resp: 11937

Ion Ratio Lower Upper

96 100

61 144.8 0.0 322.8

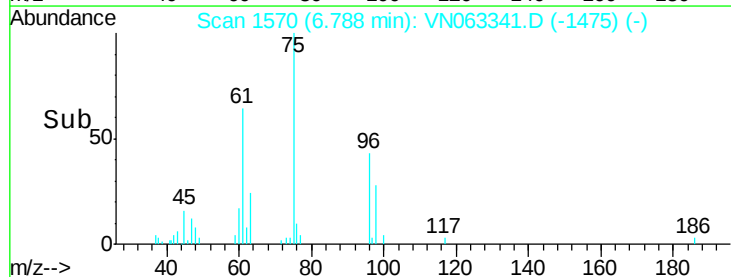
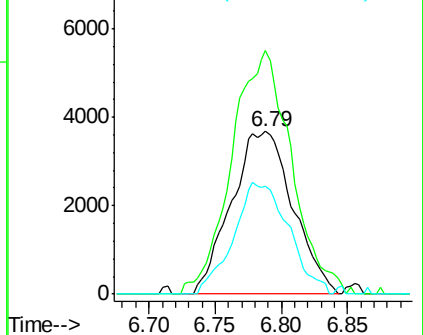
98 61.2 0.0 132.2

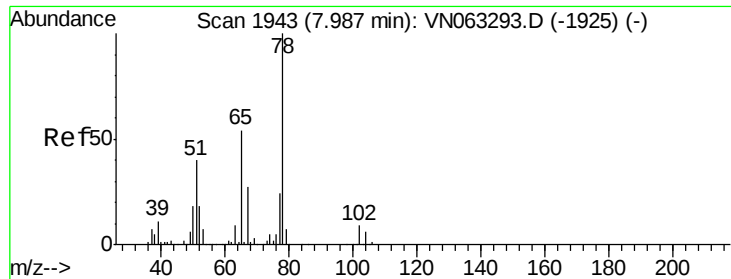


Abundance Ion 95.90 (95.60 to 96.60): VNO

Ion 60.90 (60.60 to 61.60): VNO

Ion 97.90 (97.60 to 98.60): VNO





#33

1,2-Dichloroethane-d4

Concen: 48.884 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN063341.D

Acq: 14 Sep 2020 14:31

Instrument :

MSVOA_N

ClientSampleId :

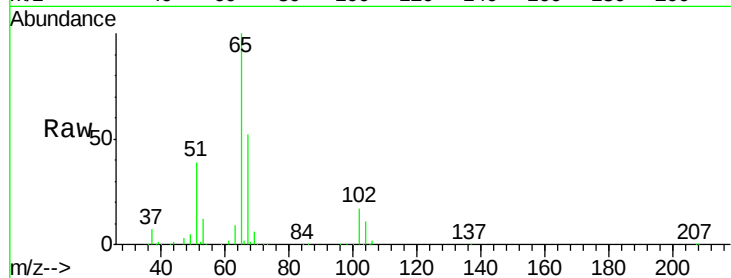
B18-0-2ME

Tot Ion: 65 Resp: 299689

Ion Ratio Lower Upper

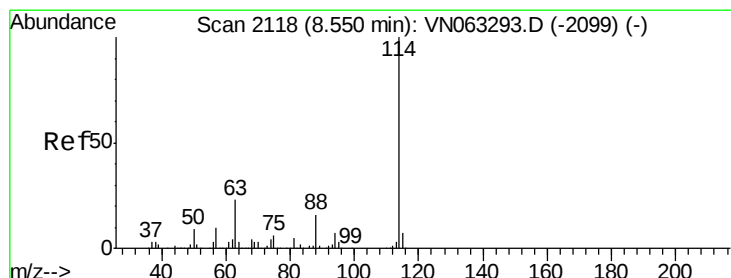
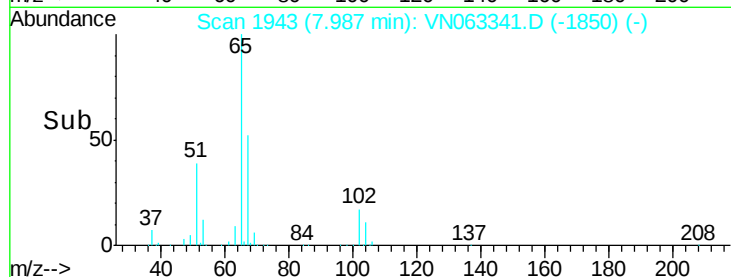
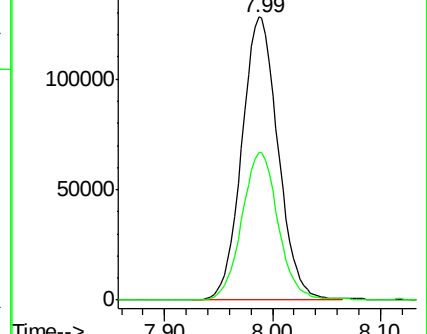
65 100

67 52.2 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN063341.D (-1850) (-)

Ion 66.90 (66.60 to 67.60): VN063341.D (-1850) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN063341.D

Acq: 14 Sep 2020 14:31

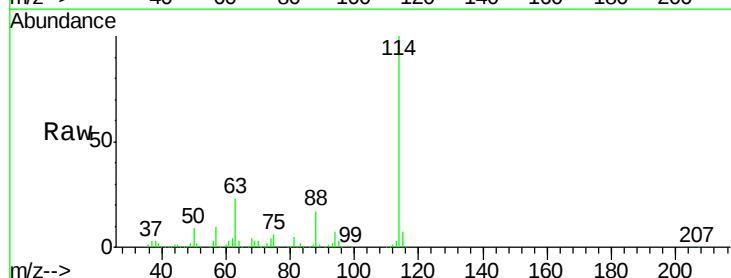
Tgt Ion: 114 Resp: 728836

Ion Ratio Lower Upper

114 100

63 22.7 0.0 46.0

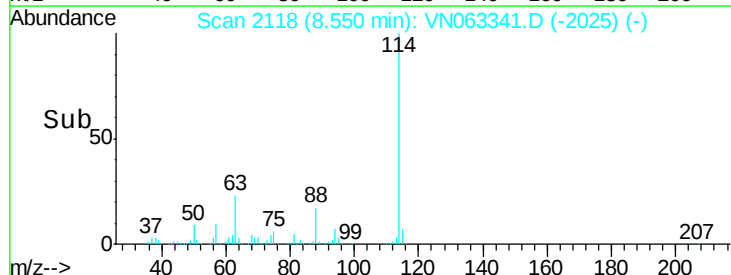
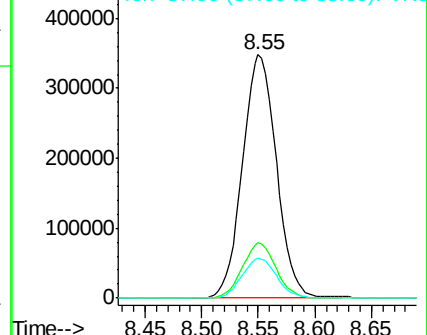
88 16.6 0.0 32.8

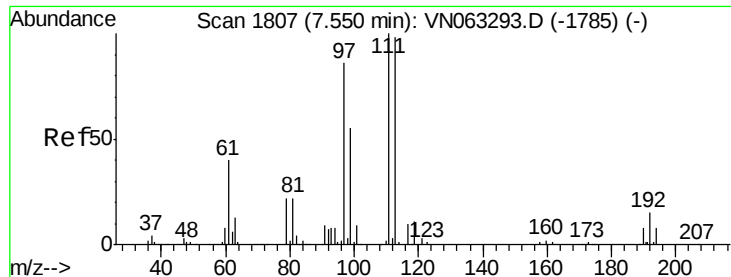


Abundance Ion 113.90 (113.60 to 114.60): VN063341.D (-2025) (-)

Ion 63.00 (62.70 to 63.70): VN063341.D (-2025) (-)

Ion 87.90 (87.60 to 88.60): VN063341.D (-2025) (-)





#35

Dibromofluoromethane

Concen: 48.931 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VN063341.D

Acq: 14 Sep 2020 14:31

Instrument :

MSVOA_N

ClientSampleId :

B18-0-2ME

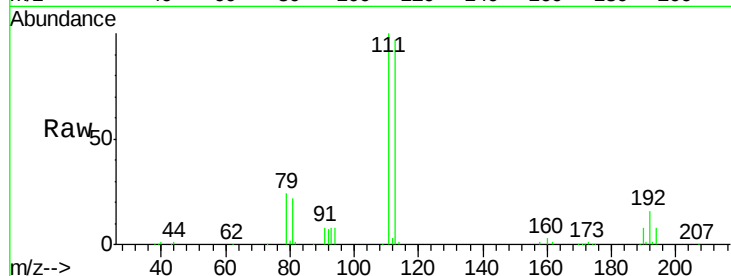
Tot Ion:113 Resp: 230069

Ion Ratio Lower Upper

113 100

111 103.8 82.2 123.2

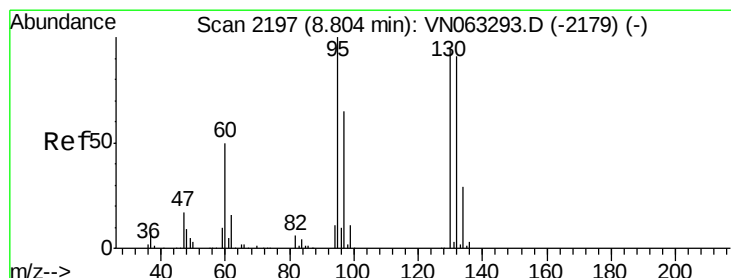
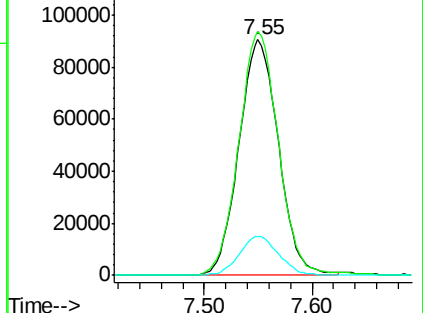
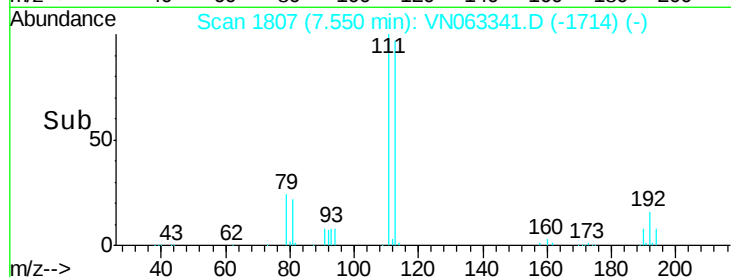
192 16.6 12.9 19.3



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



#44

Trichloroethene

Concen: 2.424 ug/l

RT: 8.80 min Scan# 2197

Delta R.T. -0.00 min

Lab File: VN063341.D

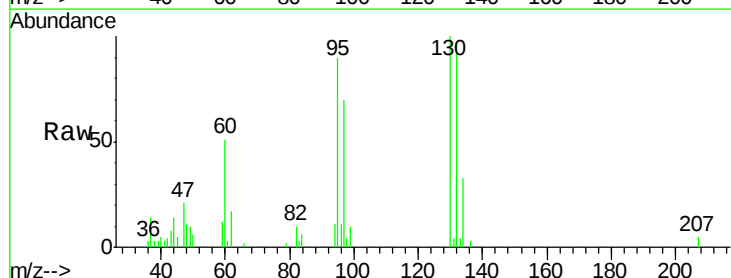
Acq: 14 Sep 2020 14:31

Tgt Ion:130 Resp: 13562

Ion Ratio Lower Upper

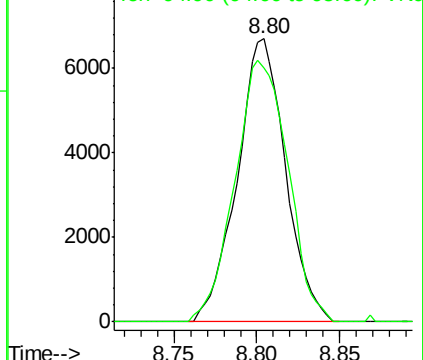
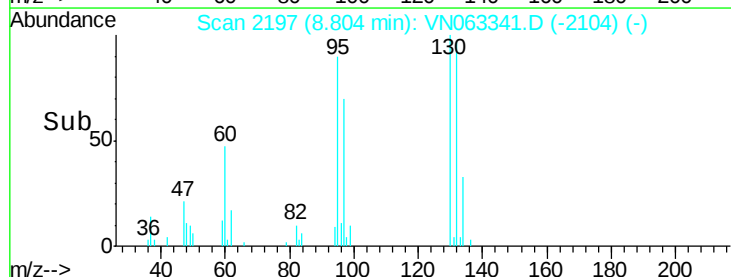
130 100

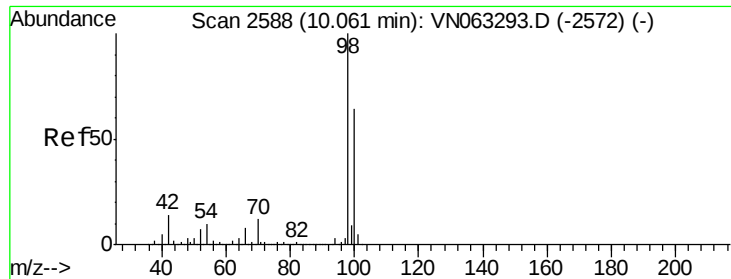
95 89.8 0.0 210.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 51.753 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. -0.00 min

Lab File: VN063341.D

Acq: 14 Sep 2020 14:31

Instrument :

MSVOA_N

ClientSampleId :

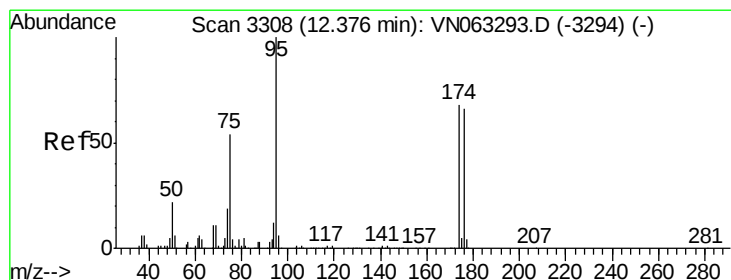
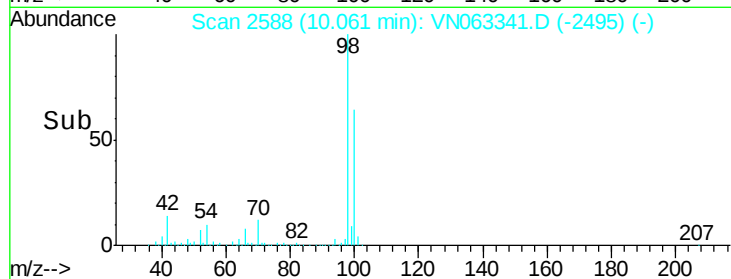
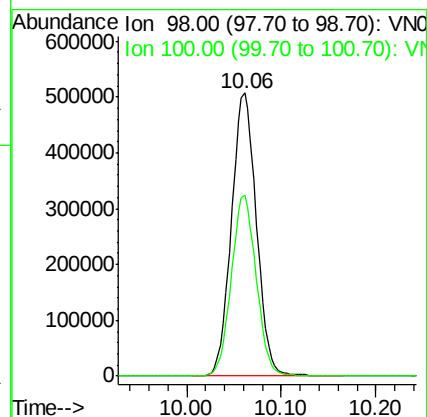
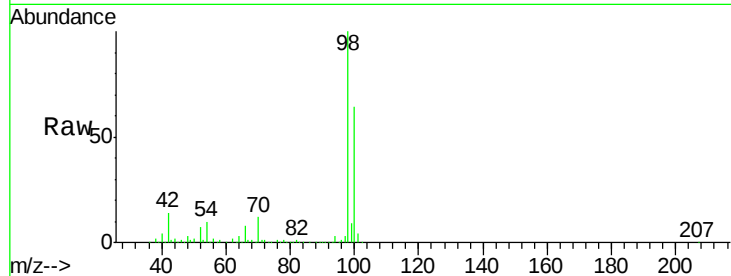
B18-0-2ME

Tot Ion: 98 Resp: 932529

Ion Ratio Lower Upper

98 100

100 63.8 50.7 76.1



#62

4-Bromofluorobenzene

Concen: 52.470 ug/l

RT: 12.38 min Scan# 3309

Delta R.T. 0.00 min

Lab File: VN063341.D

Acq: 14 Sep 2020 14:31

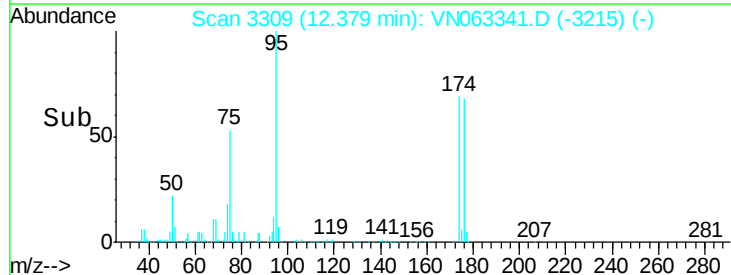
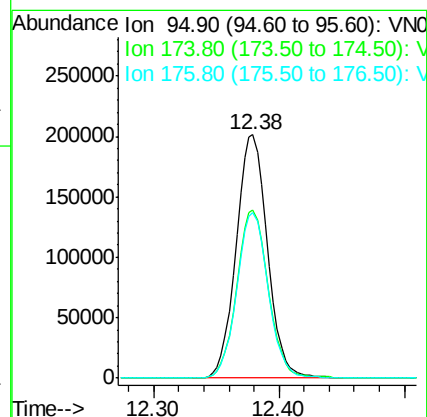
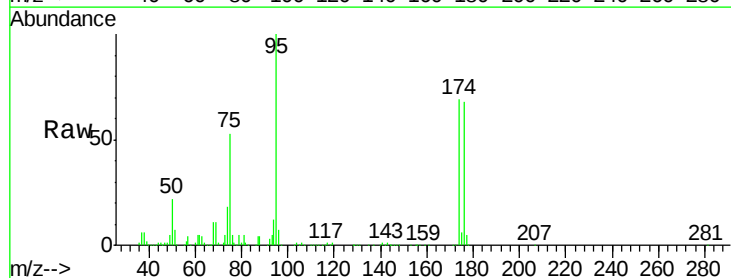
Tgt Ion: 95 Resp: 349201

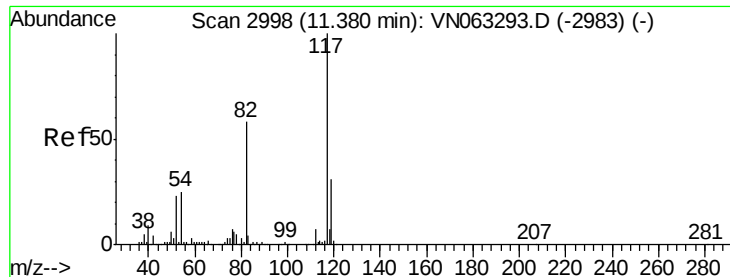
Ion Ratio Lower Upper

95 100

174 69.7 0.0 136.6

176 68.1 0.0 132.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. -0.00 min

Lab File: VN063341.D

Acq: 14 Sep 2020 14:31

Instrument :

MSVOA_N

ClientSampled :

B18-0-2ME

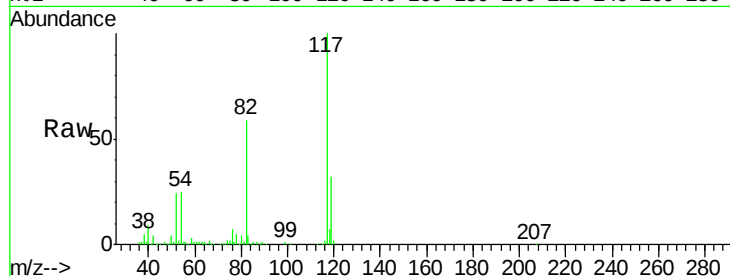
Tot Ion:117 Resp: 714902

Ion Ratio Lower Upper

117 100

82 59.1 46.4 69.6

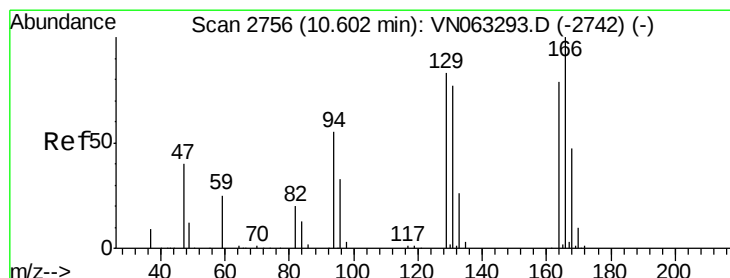
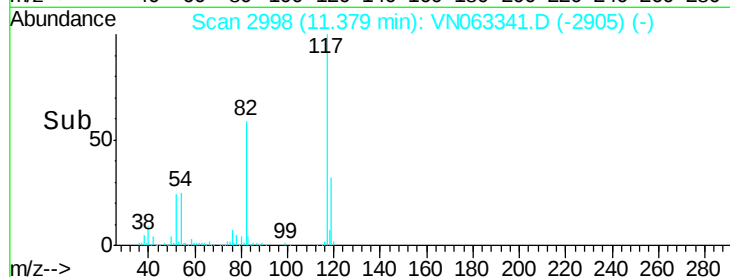
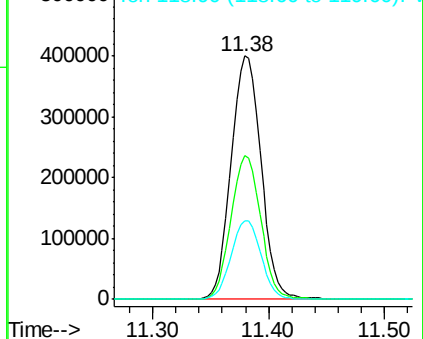
119 32.4 24.8 37.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 83.753 ug/l

RT: 10.60 min Scan# 2757

Delta R.T. 0.00 min

Lab File: VN063341.D

Acq: 14 Sep 2020 14:31

Tgt Ion:164 Resp: 490493

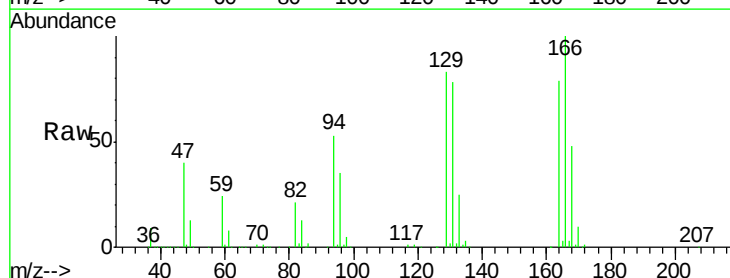
Ion Ratio Lower Upper

164 100

166 127.0 101.3 151.9

129 105.0 83.7 125.5

131 98.5 78.2 117.4

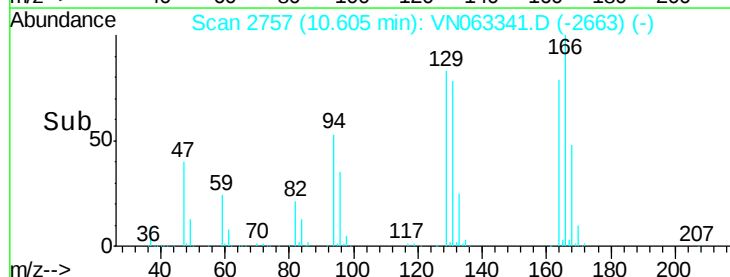
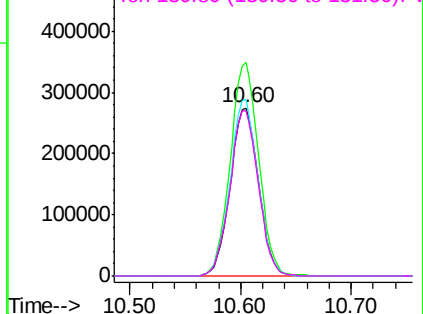


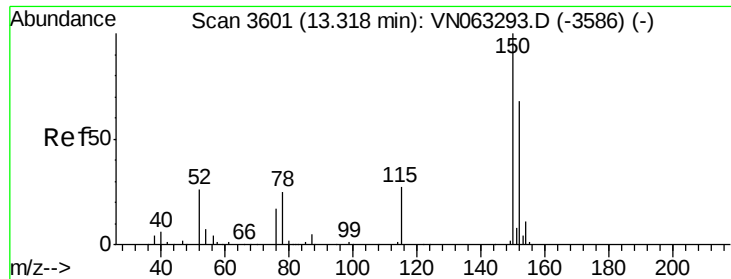
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. -0.00 min

Lab File: VN063341.D

Acq: 14 Sep 2020 14:31

Instrument :

MSVOA_N

ClientSampleId :

B18-0-2ME

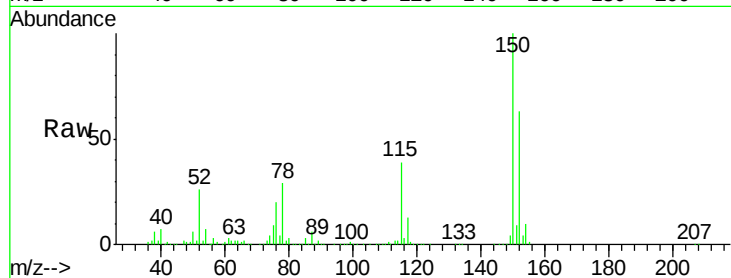
Tot Ion:152 Resp: 296626

Ion Ratio Lower Upper

152 100

115 63.4 31.5 94.5

150 159.6 0.0 344.0



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

