

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092420\
 Data File : VN063633.D
 Acq On : 24 Sep 2020 17:04
 Operator : JC/MD
 Sample : L4119-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE122D3-20200921

Quant Time: Sep 25 16:42:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

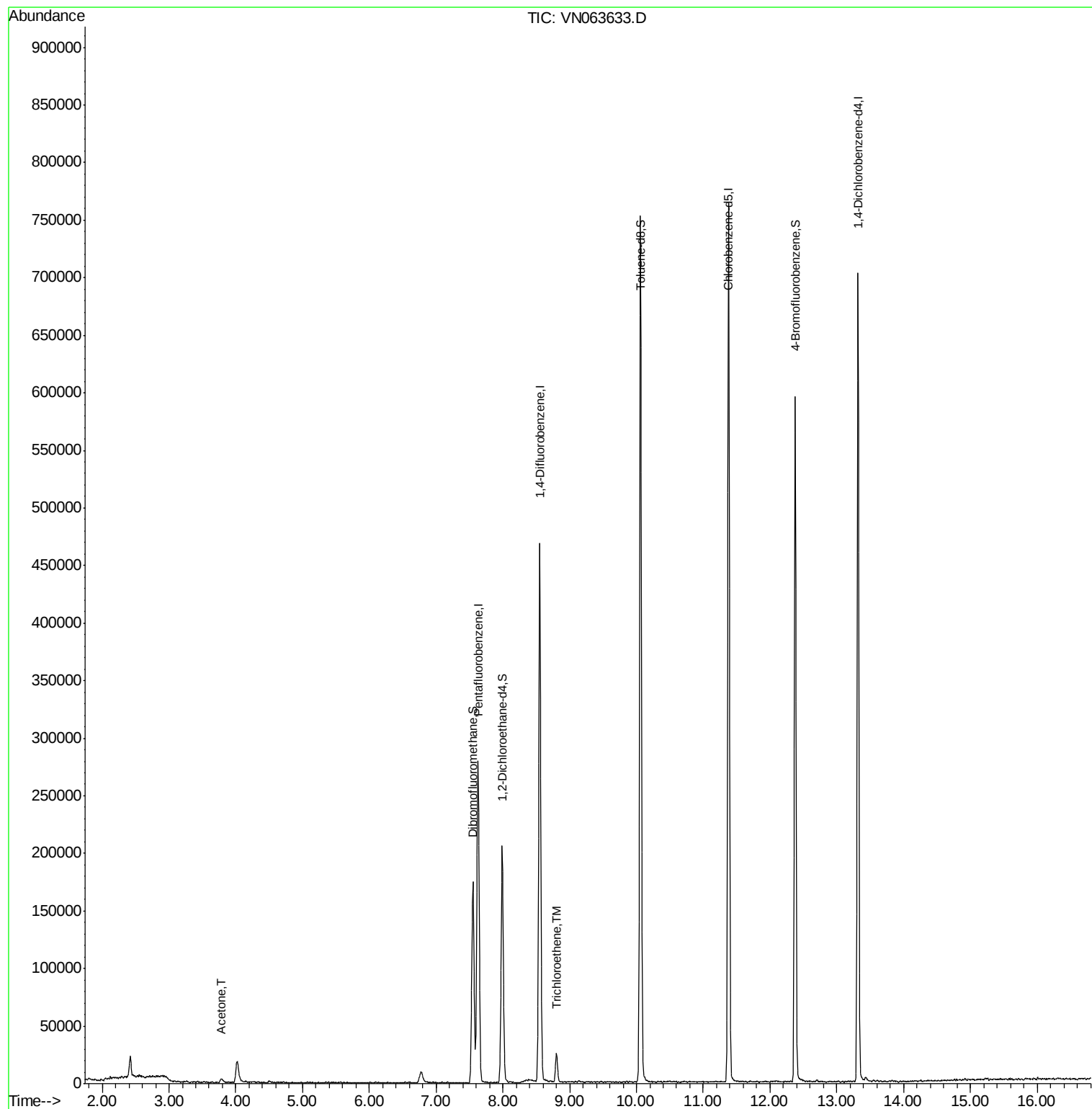
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	206770	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	386258	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	397094	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	166184	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	180891	51.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.78%	
35) Dibromofluoromethane	7.55	113	125600	46.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.94%	
50) Toluene-d8	10.06	98	496585	49.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.78%	
62) 4-Bromofluorobenzene	12.38	95	198670	53.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.80%	
Target Compounds						
16) Acetone	3.79	43	5602	4.952	ug/l #	82
44) Trichloroethene	8.80	130	7525	2.641	ug/l	83

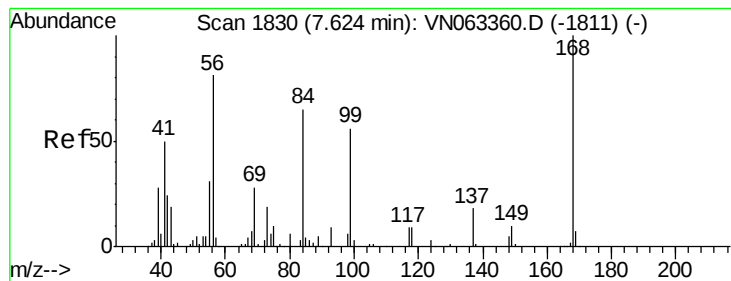
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

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ClientSampleId :

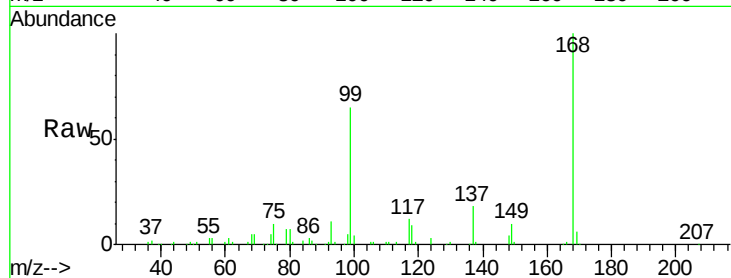
RE122D3-20200921

Tot Ion:168 Resp: 206770

Ion Ratio Lower Upper

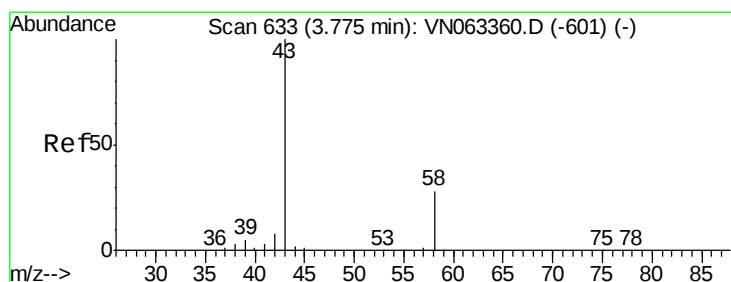
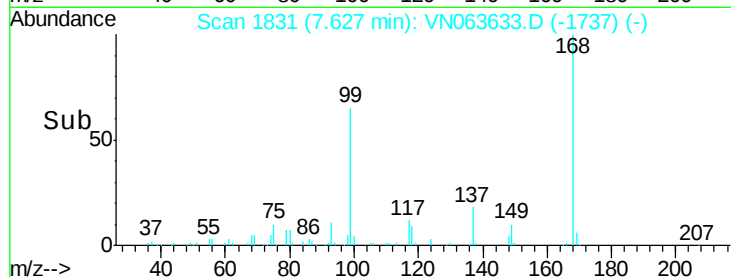
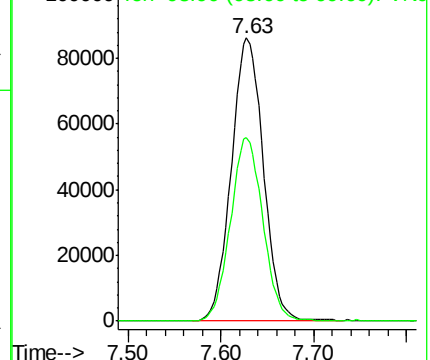
168 100

99 65.1 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 4.952 ug/l

RT: 3.79 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN063633.D

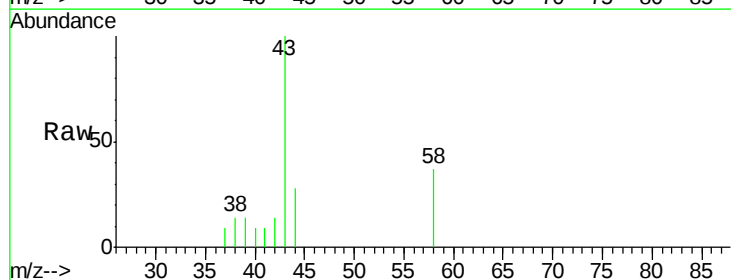
Acq: 24 Sep 2020 17:04

Tgt Ion: 43 Resp: 5602

Ion Ratio Lower Upper

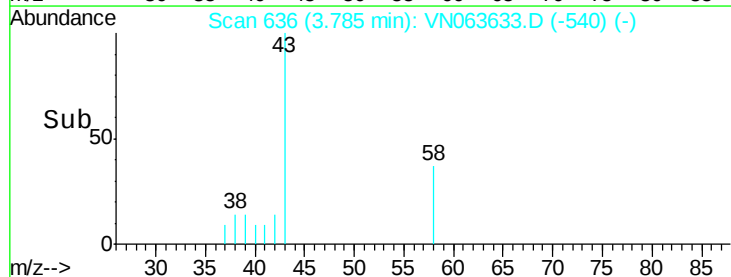
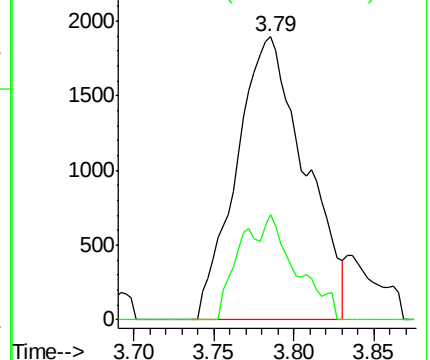
43 100

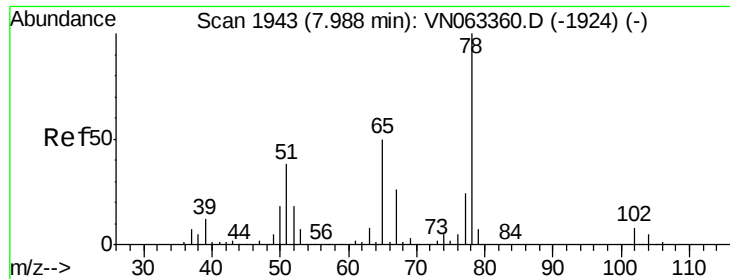
58 37.3 22.3 33.5#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





#33

1,2-Dichloroethane-d4

Concen: 51.393 ug/l

RT: 7.99 min Scan# 1944

Delta R.T. 0.00 min

Lab File: VN063633.D

Acq: 24 Sep 2020 17:04

Instrument :

MSVOA_N

ClientSampleId :

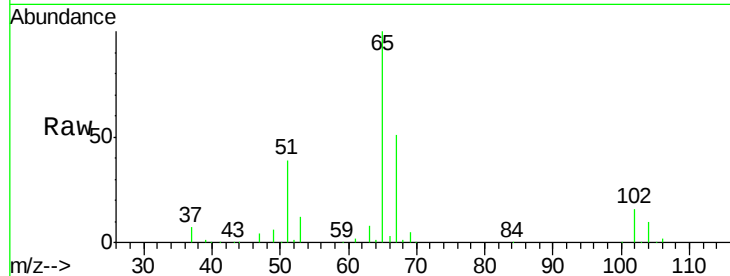
RE122D3-20200921

Tot Ion: 65 Resp: 180891

Ion Ratio Lower Upper

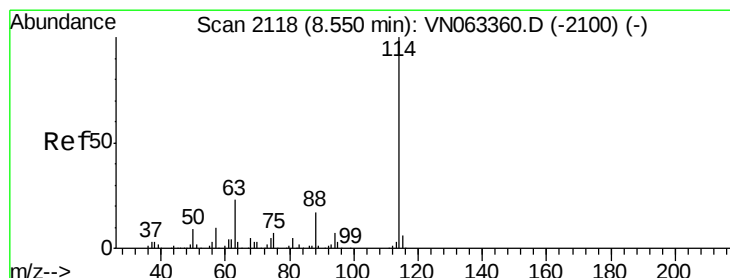
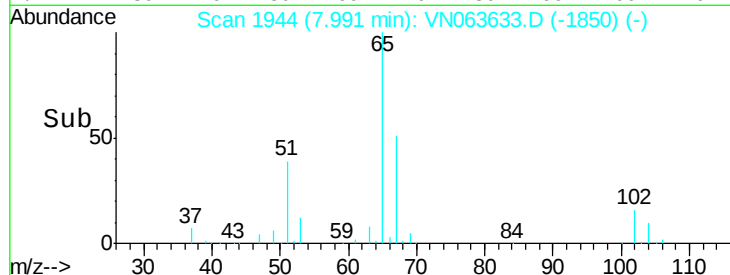
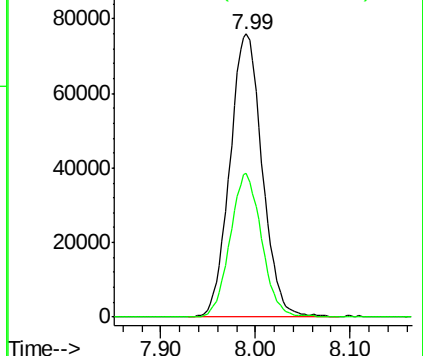
65 100

67 49.3 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN063633.D

Acq: 24 Sep 2020 17:04

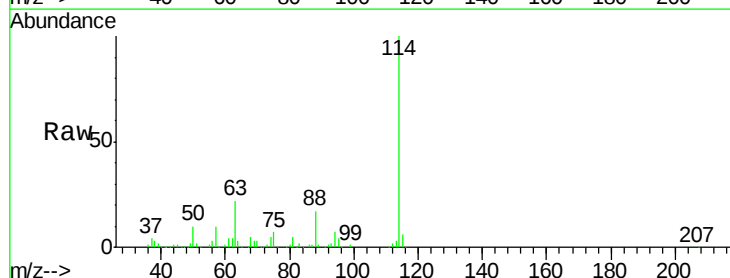
Tgt Ion: 114 Resp: 386258

Ion Ratio Lower Upper

114 100

63 21.8 0.0 46.4

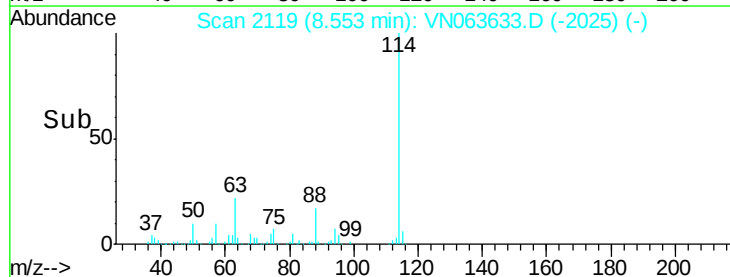
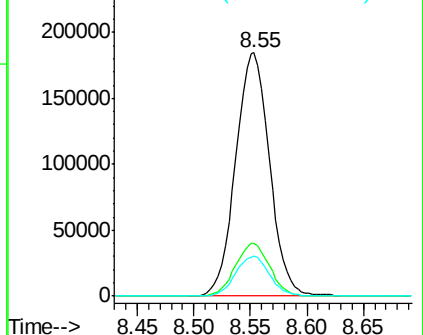
88 16.6 0.0 33.2

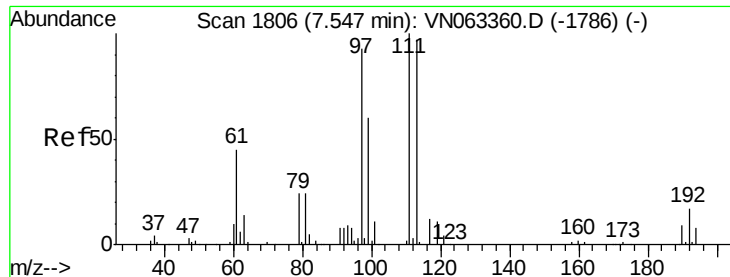


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

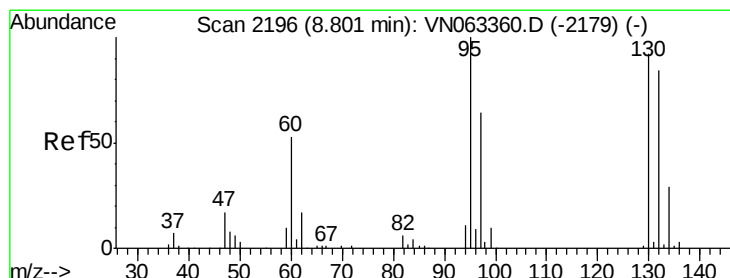
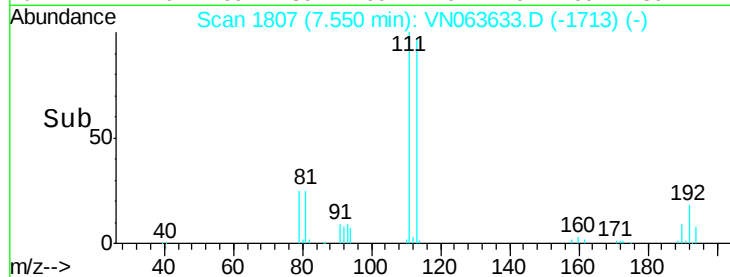
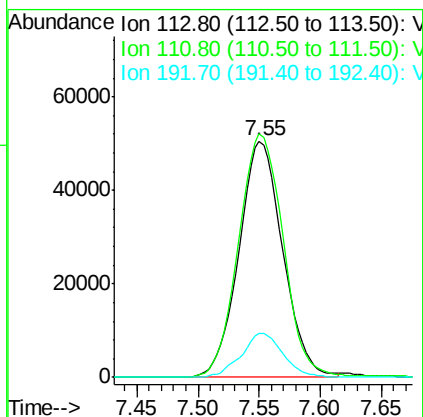
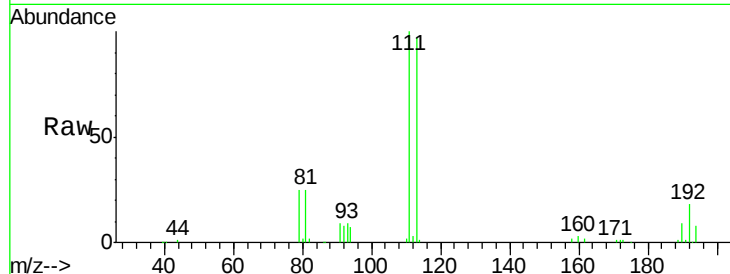




#35
 Dibromofluoromethane
 Concen: 46.971 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063633.D
 Acq: 24 Sep 2020 17:04

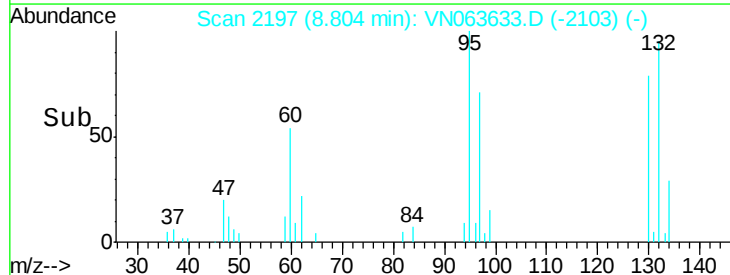
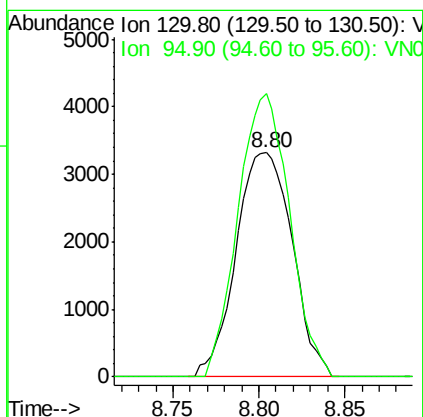
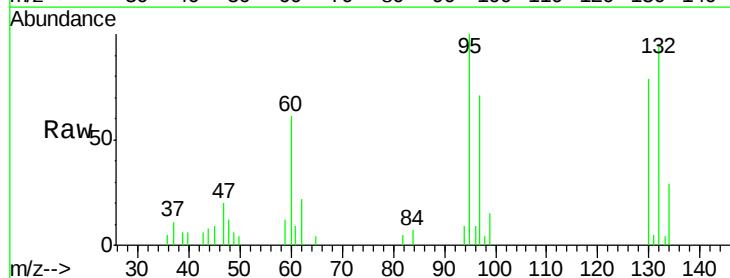
Instrument :
 MSVOA_N
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 RE122D3-20200921

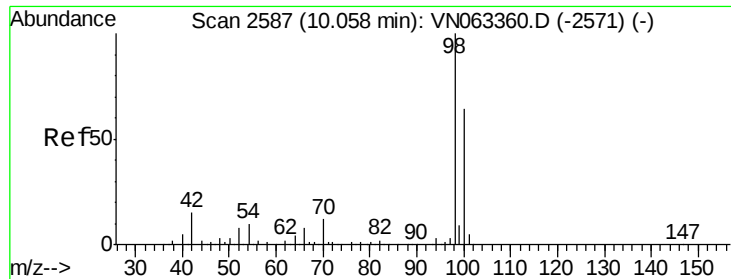
Tot Ion:113 Resp: 125600
 Ion Ratio Lower Upper
 113 100
 111 105.3 82.9 124.3
 192 17.7 13.9 20.9



#44
 Trichloroethene
 Concen: 2.641 ug/l
 RT: 8.80 min Scan# 2197
 Delta R.T. 0.00 min
 Lab File: VN063633.D
 Acq: 24 Sep 2020 17:04

Tgt Ion:130 Resp: 7525
 Ion Ratio Lower Upper
 130 100
 95 126.4 0.0 217.4





#50

Toluene-d8

Concen: 49.388 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063633.D

Acq: 24 Sep 2020 17:04

Instrument :

MSVOA_N

ClientSampleId :

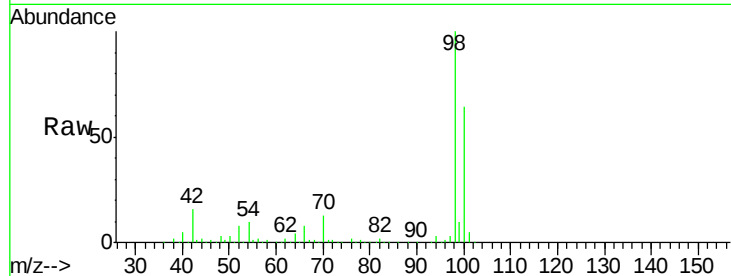
RE122D3-20200921

Tot Ion: 98 Resp: 496585

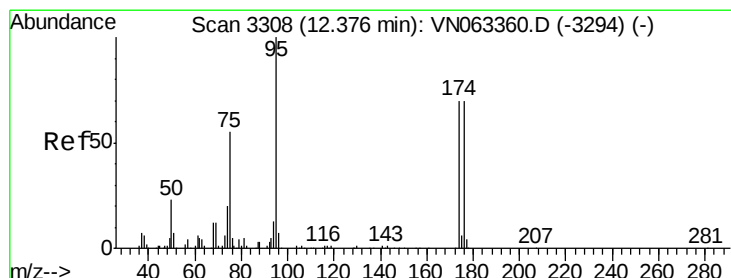
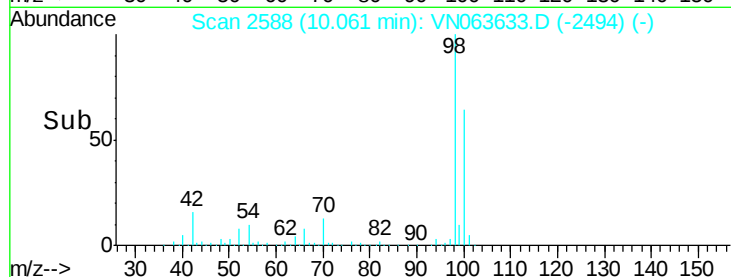
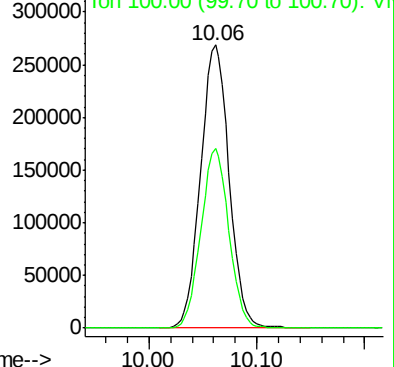
Ion Ratio Lower Upper

98 100

100 62.3 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN063360.D (-2571) (-)



#62

4-Bromofluorobenzene

Concen: 53.901 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN063633.D

Acq: 24 Sep 2020 17:04

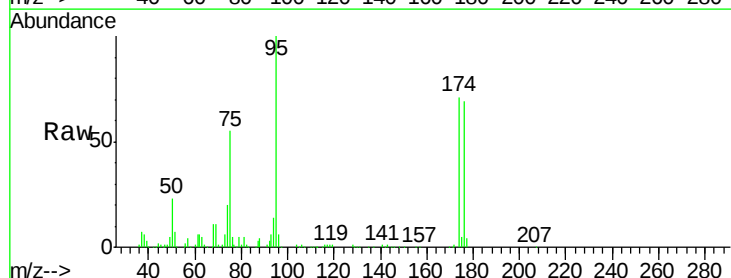
Tgt Ion: 95 Resp: 198670

Ion Ratio Lower Upper

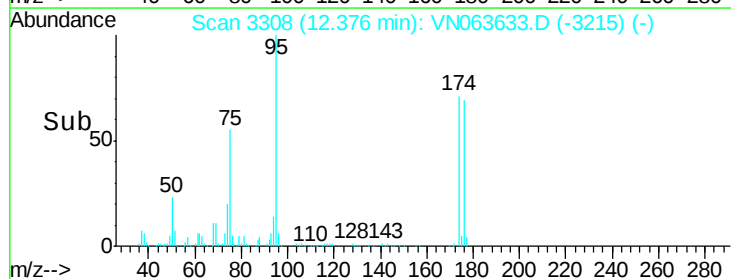
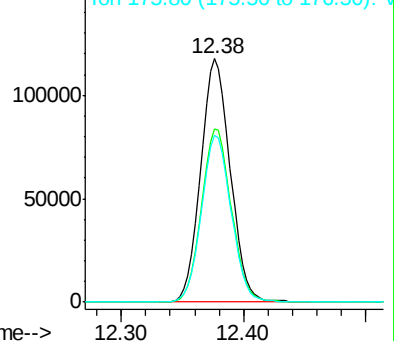
95 100

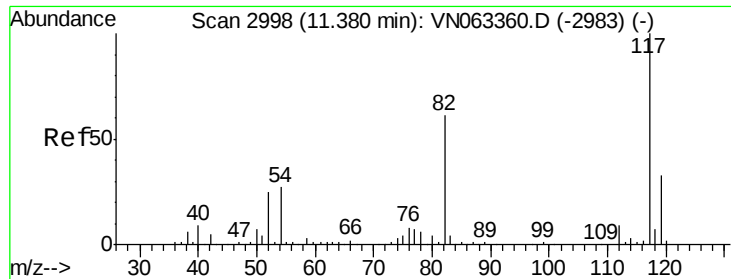
174 71.7 0.0 140.8

176 68.8 0.0 137.6



Abundance Ion 94.90 (94.60 to 95.60): VN063360.D (-3294) (-)





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN063633.D

Acq: 24 Sep 2020 17:04

Instrument :

MSVOA_N

ClientSampleId :

RE122D3-20200921

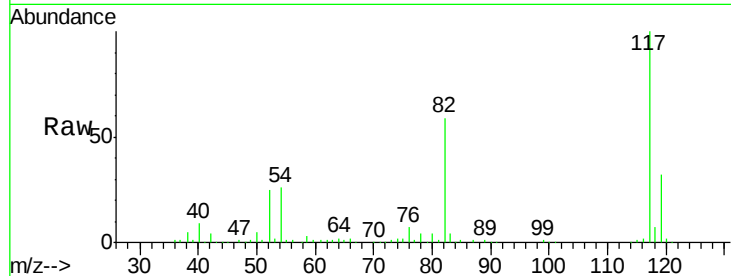
Tot Ion:117 Resp: 397094

Ion Ratio Lower Upper

117 100

82 59.2 49.2 73.8

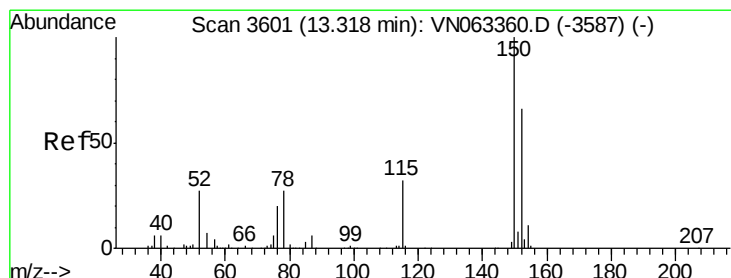
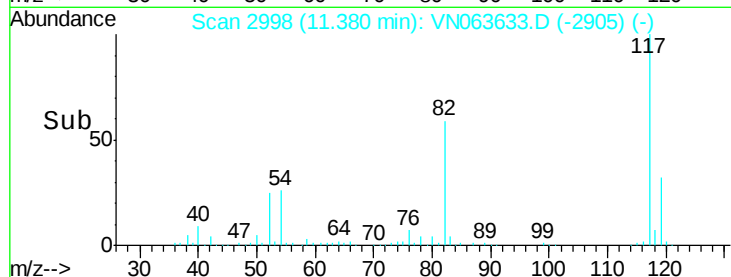
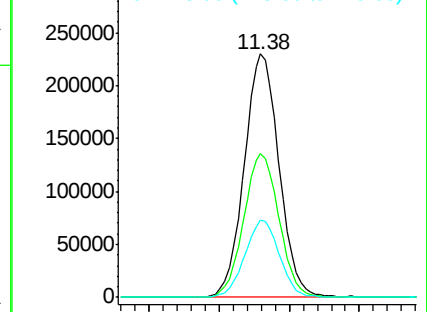
119 31.6 26.2 39.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): 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: VN063633.D

Acq: 24 Sep 2020 17:04

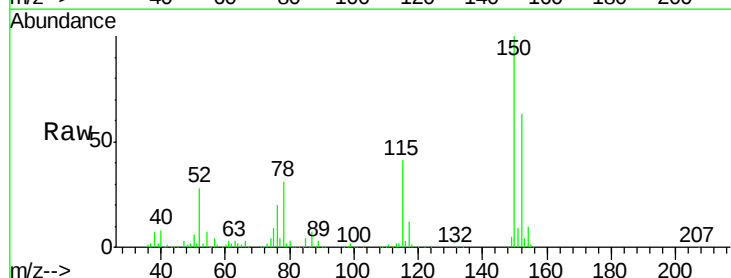
Tgt Ion:152 Resp: 166184

Ion Ratio Lower Upper

152 100

115 65.0 32.2 96.6

150 159.1 0.0 343.4



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

