

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092420\
 Data File : VN063625.D
 Acq On : 24 Sep 2020 13:53
 Operator : JC/MD
 Sample : L4083-03DL 4X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE120D3-20200916DL

Quant Time: Sep 25 03:59:03 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

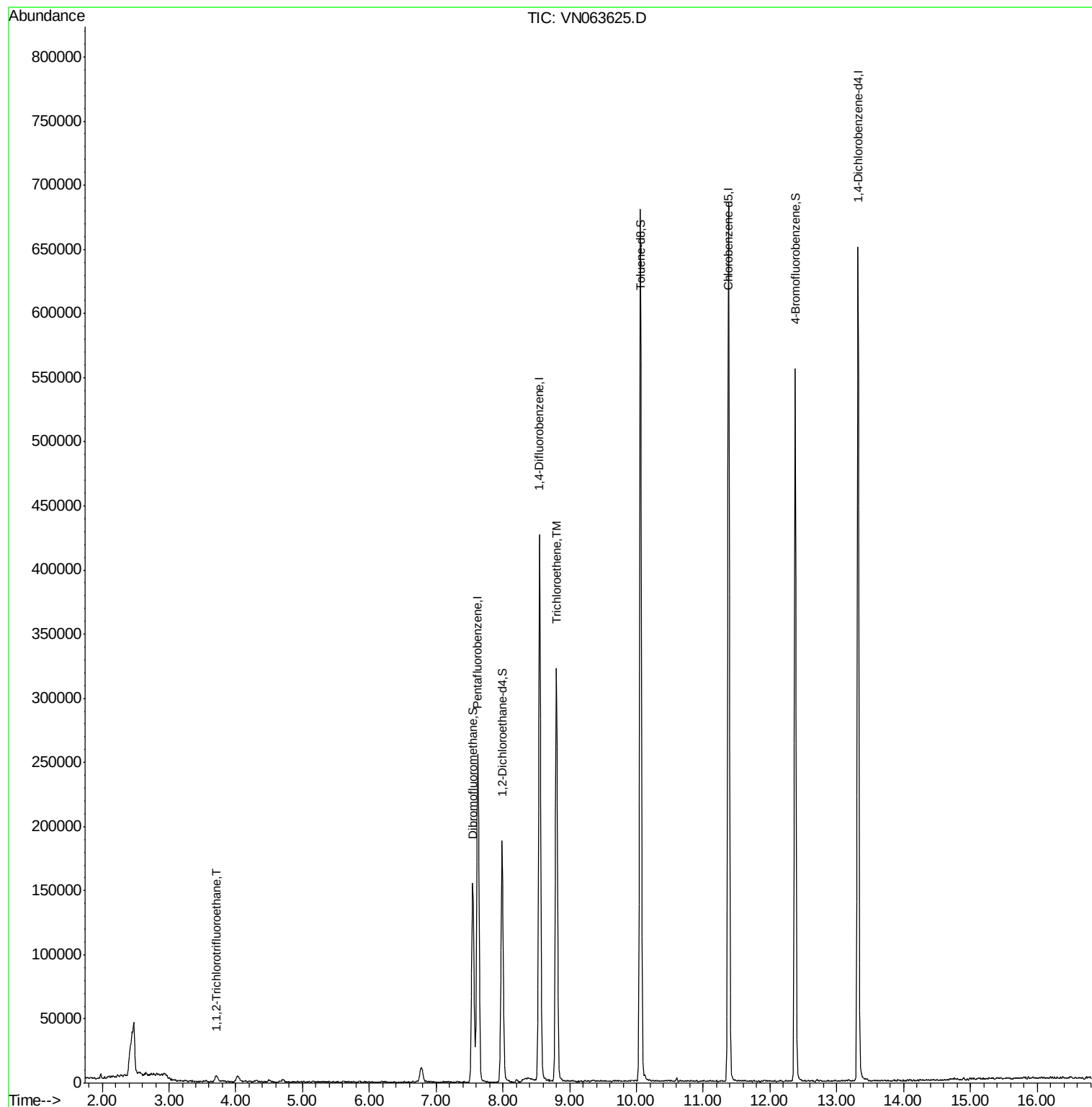
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	188879	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	349106	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	357232	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	159525	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	163256	50.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.56%	
35) Dibromofluoromethane	7.55	113	114411	47.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.68%	
50) Toluene-d8	10.06	98	454295	49.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.98%	
62) 4-Bromofluorobenzene	12.38	95	182149	54.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.36%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	3.71	101	2698	1.282	ug/l	97
44) Trichloroethene	8.80	130	109393	42.481	ug/l	98

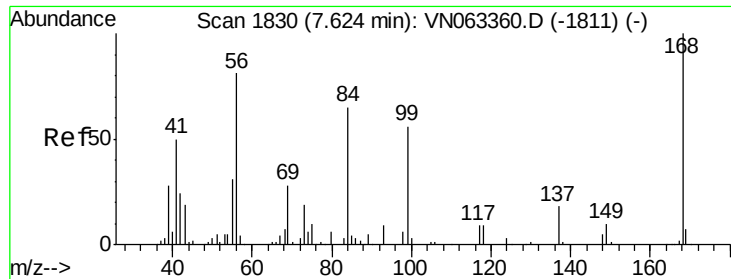
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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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Acq: 24 Sep 2020 13:53

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MSVOA_N

ClientSampleId :

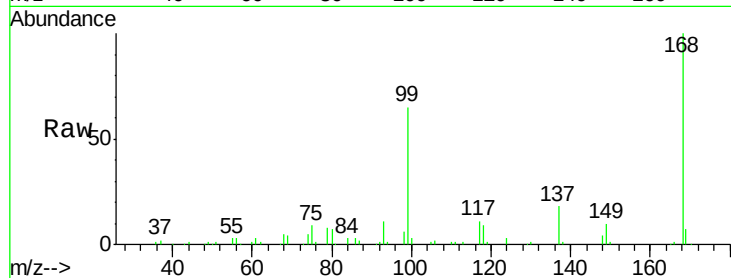
RE120D3-20200916DL

Tot Ion:168 Resp: 188879

Ion Ratio Lower Upper

168 100

99 65.2 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

80000

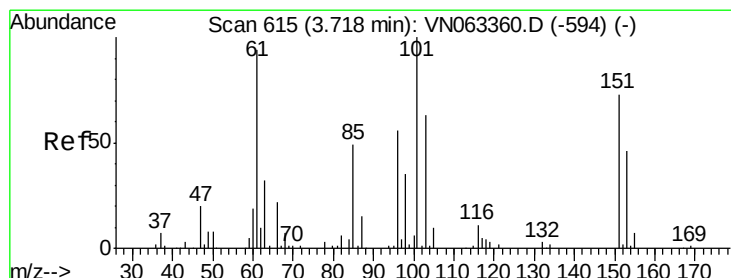
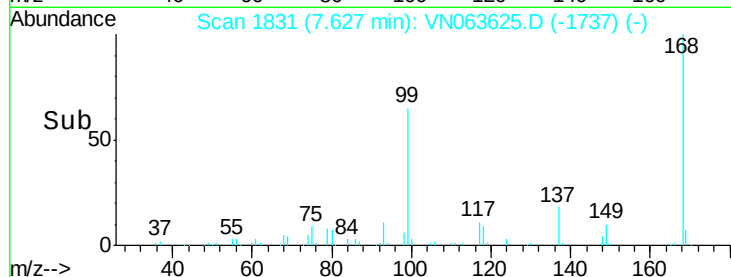
60000

40000

20000

0

Time--> 7.50 7.55 7.60 7.65 7.70



#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.282 ug/l

RT: 3.71 min Scan# 613

Delta R.T. -0.01 min

Lab File: VN063625.D

Acq: 24 Sep 2020 13:53

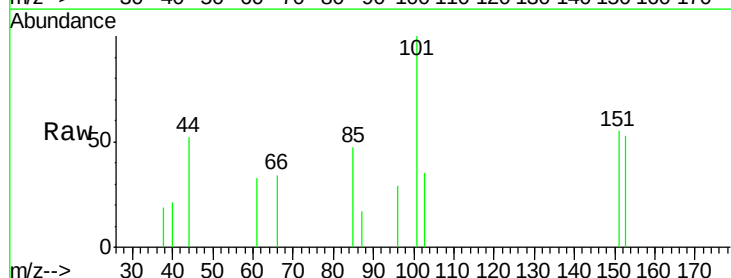
Tgt Ion:101 Resp: 2698

Ion Ratio Lower Upper

101 100

85 45.4 37.7 56.5

151 69.6 57.7 86.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V

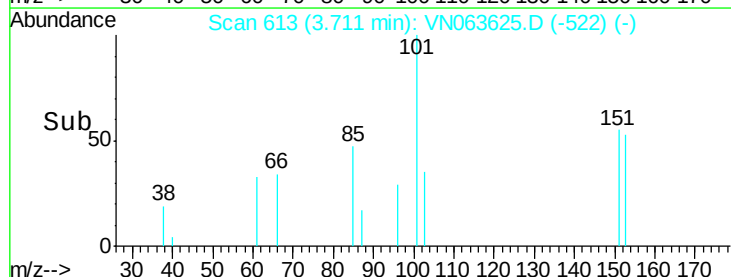
1500

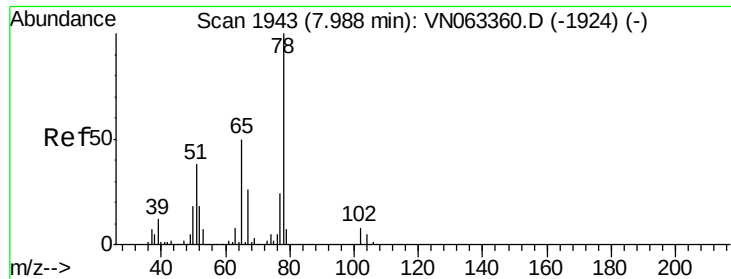
1000

500

0

Time--> 3.65 3.70 3.75

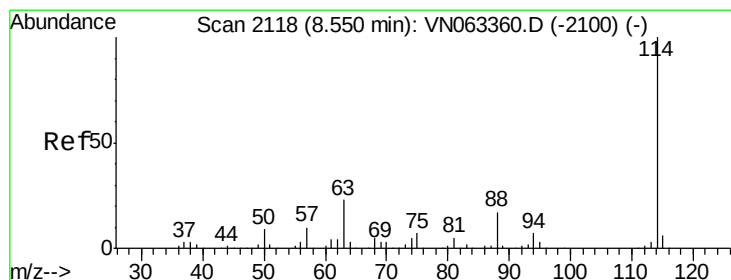
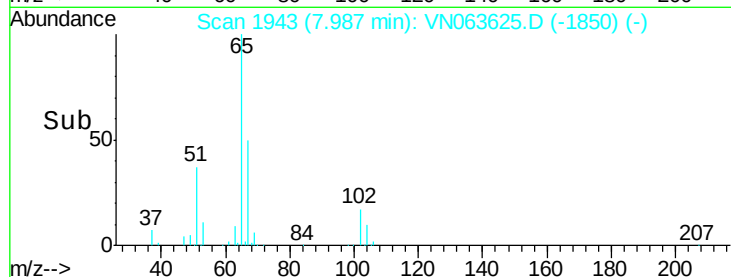
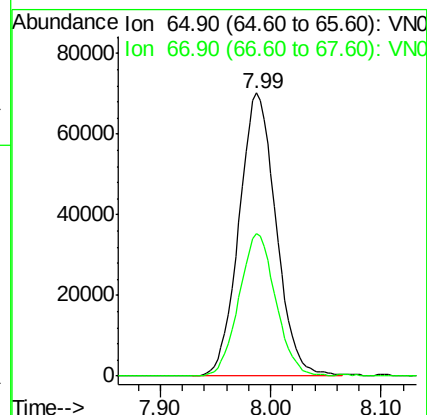
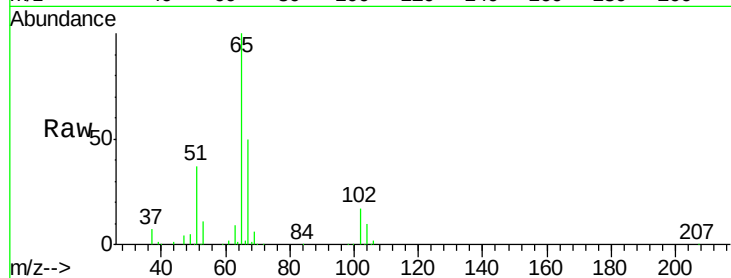




#33
 1,2-Dichloroethane-d4
 Concen: 50.776 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN063625.D
 Acq: 24 Sep 2020 13:53

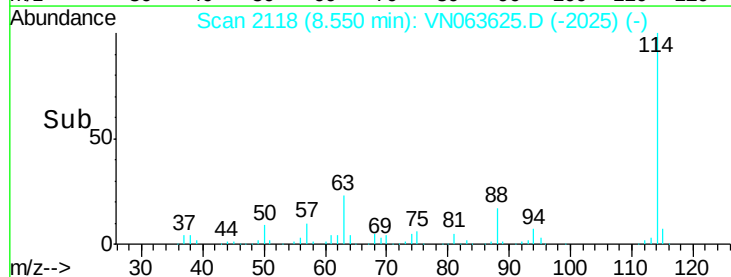
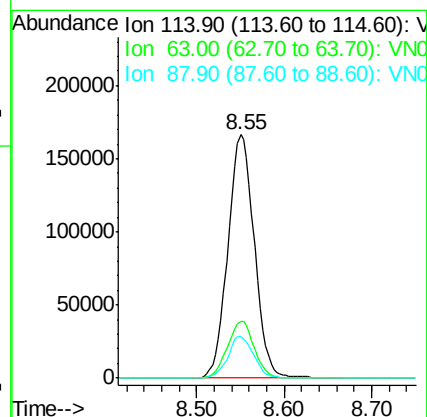
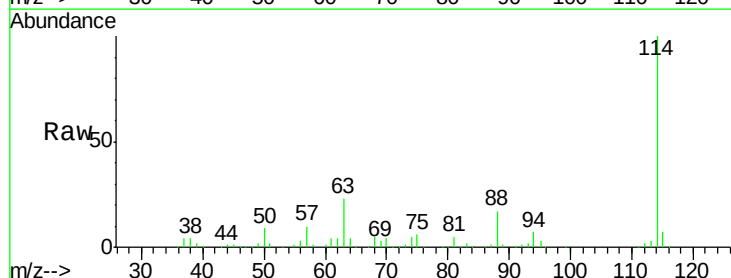
Instrument :
 MSVOA_N
 ClientSampleId :
 RE120D3-20200916DL

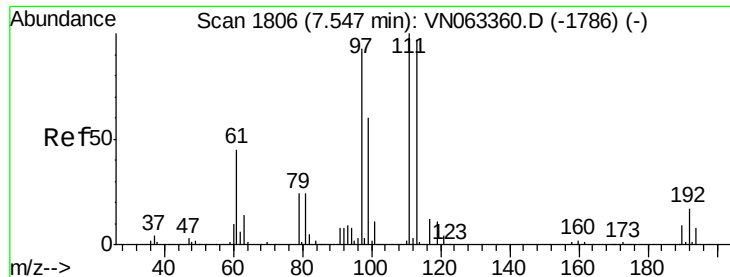
Tot Ion: 65 Resp: 163256
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063625.D
 Acq: 24 Sep 2020 13:53

Tgt Ion: 114 Resp: 349106
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 46.4
 88 16.9 0.0 33.2

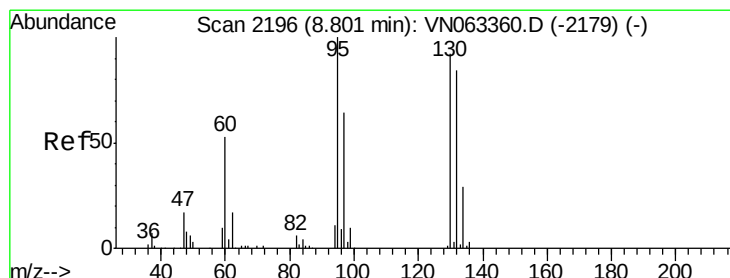
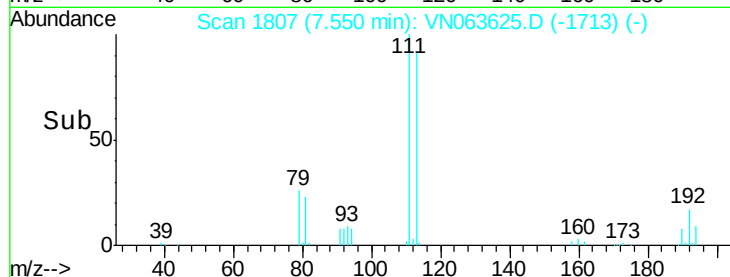
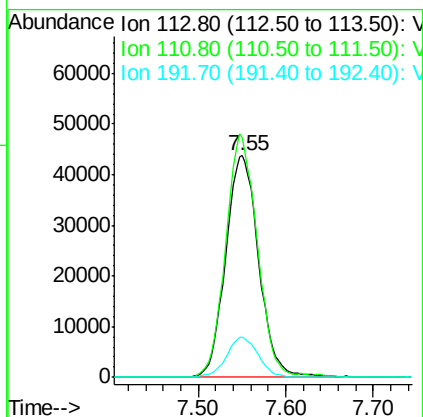
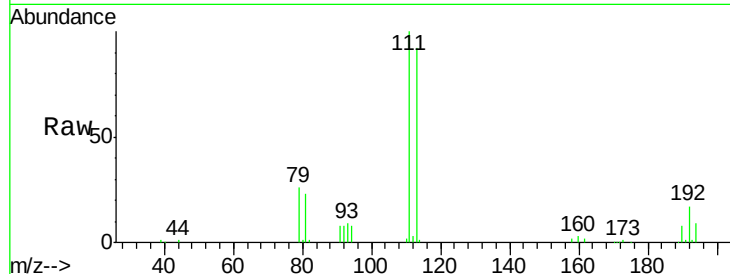




#35
Dibromofluoromethane
Concen: 47.340 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN063625.D
Acq: 24 Sep 2020 13:53

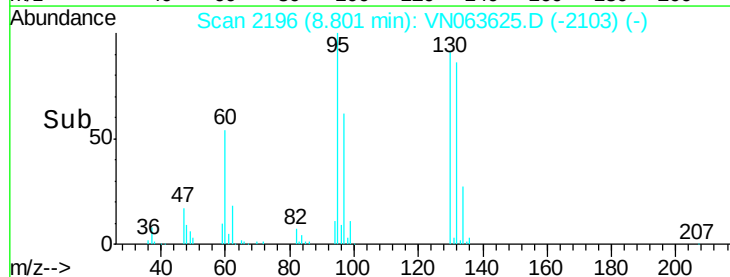
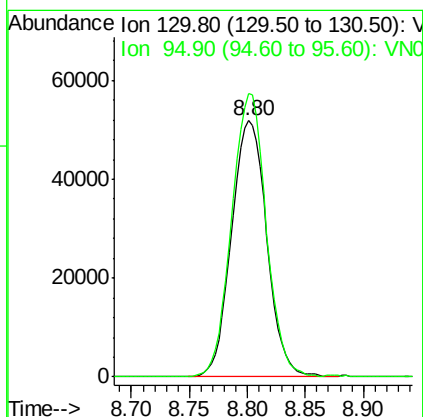
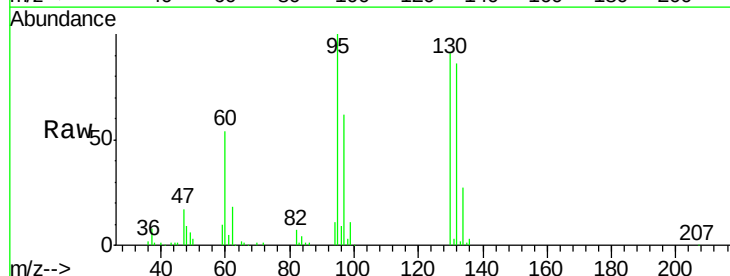
Instrument :
MSVOA_N
ClientSampleId :
RE120D3-20200916DL

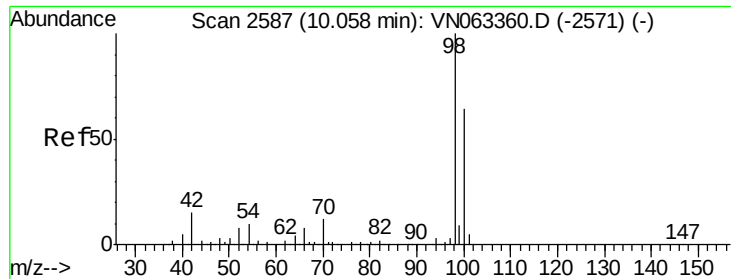
Tot Ion:113 Resp: 114411
Ion Ratio Lower Upper
113 100
111 104.7 82.9 124.3
192 17.4 13.9 20.9



#44
Trichloroethene
Concen: 42.481 ug/l
RT: 8.80 min Scan# 2196
Delta R.T. -0.00 min
Lab File: VN063625.D
Acq: 24 Sep 2020 13:53

Tgt Ion:130 Resp: 109393
Ion Ratio Lower Upper
130 100
95 110.5 0.0 217.4





#50

Toluene-d8

Concen: 49.991 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063625.D

Acq: 24 Sep 2020 13:53

Instrument :

MSVOA_N

ClientSampleId :

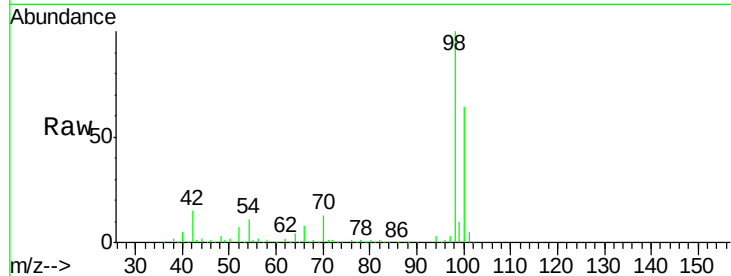
RE120D3-20200916DL

Tot Ion: 98 Resp: 454295

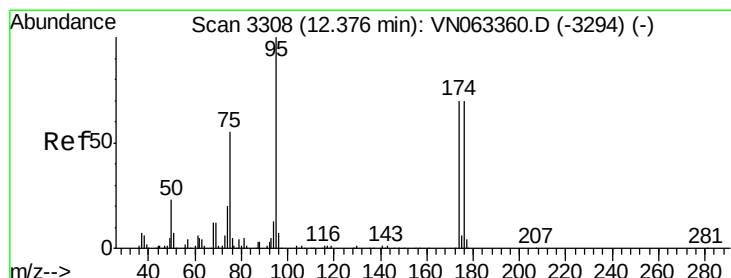
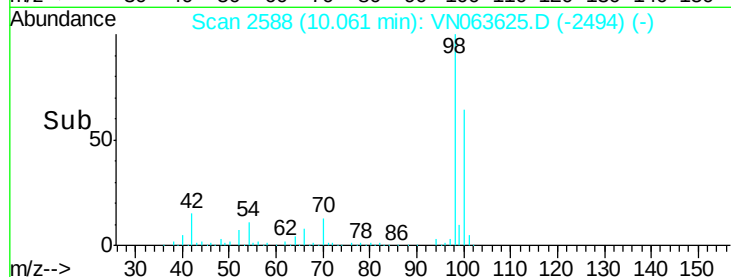
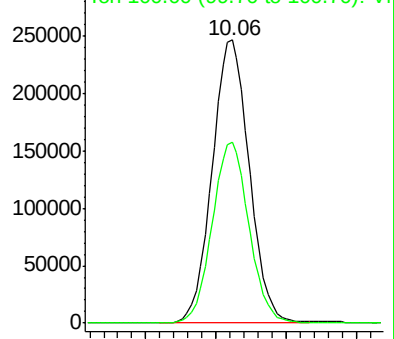
Ion Ratio Lower Upper

98 100

100 63.4 50.7 76.1



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



#62

4-Bromofluorobenzene

Concen: 54.677 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063625.D

Acq: 24 Sep 2020 13:53

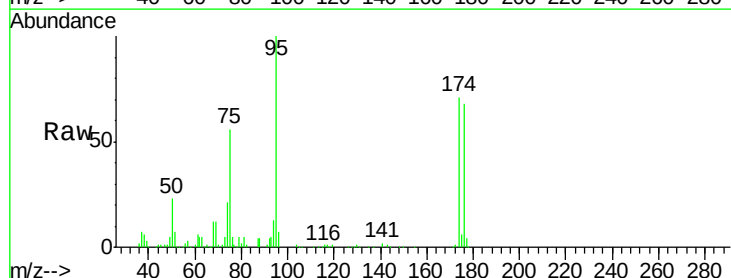
Tgt Ion: 95 Resp: 182149

Ion Ratio Lower Upper

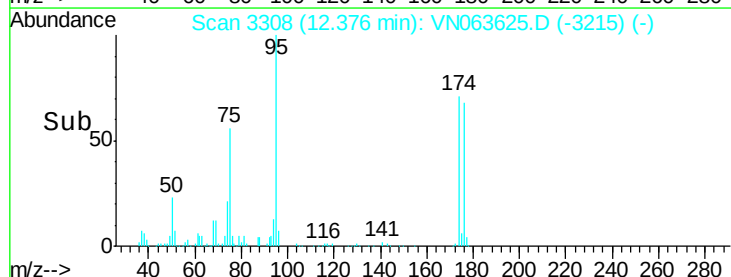
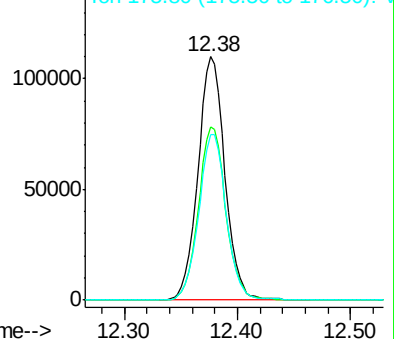
95 100

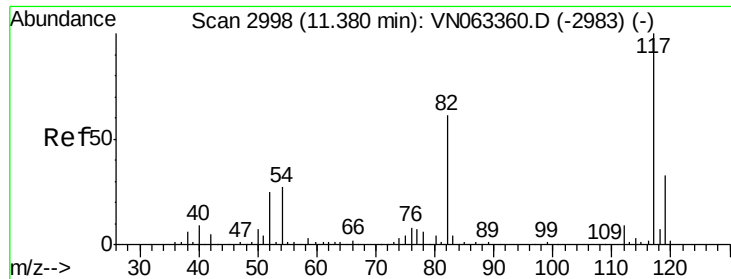
174 72.1 0.0 140.8

176 69.2 0.0 137.6



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

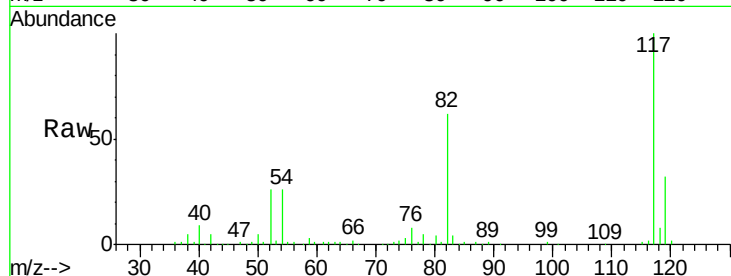




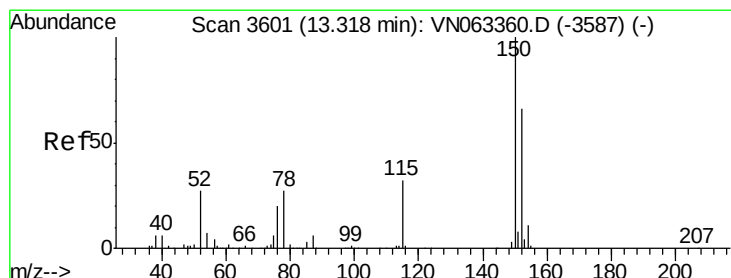
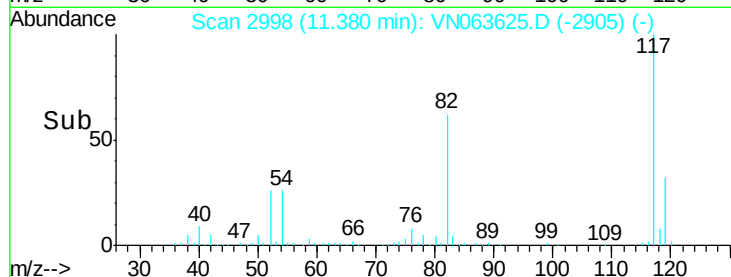
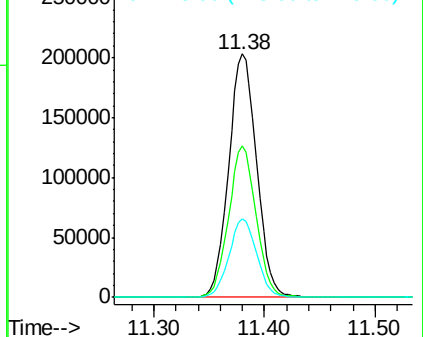
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063625.D
Acq: 24 Sep 2020 13:53

Instrument :
MSVOA_N
ClientSampleId :
RE120D3-20200916DL

Tot Ion:117 Resp: 357232
Ion Ratio Lower Upper
117 100
82 62.1 49.2 73.8
119 32.1 26.2 39.4

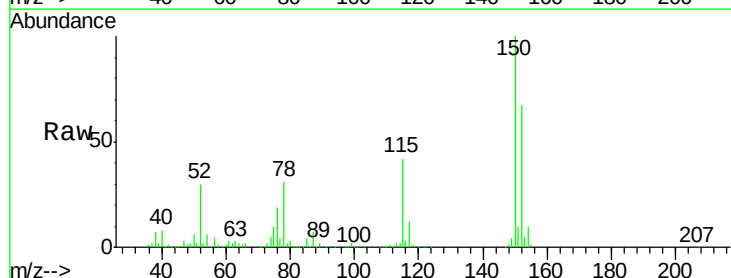


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. -0.00 min
Lab File: VN063625.D
Acq: 24 Sep 2020 13:53

Tgt Ion:152 Resp: 159525
Ion Ratio Lower Upper
152 100
115 62.8 32.2 96.6
150 155.5 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

