

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101420\
 Data File : VN064125.D
 Acq On : 14 Oct 2020 20:31
 Operator : JC/MD
 Sample : L4226-11
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TR-08-101320

Quant Time: Oct 15 07:29:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101420W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 15 01:16:44 2020
 Response via : Initial Calibration

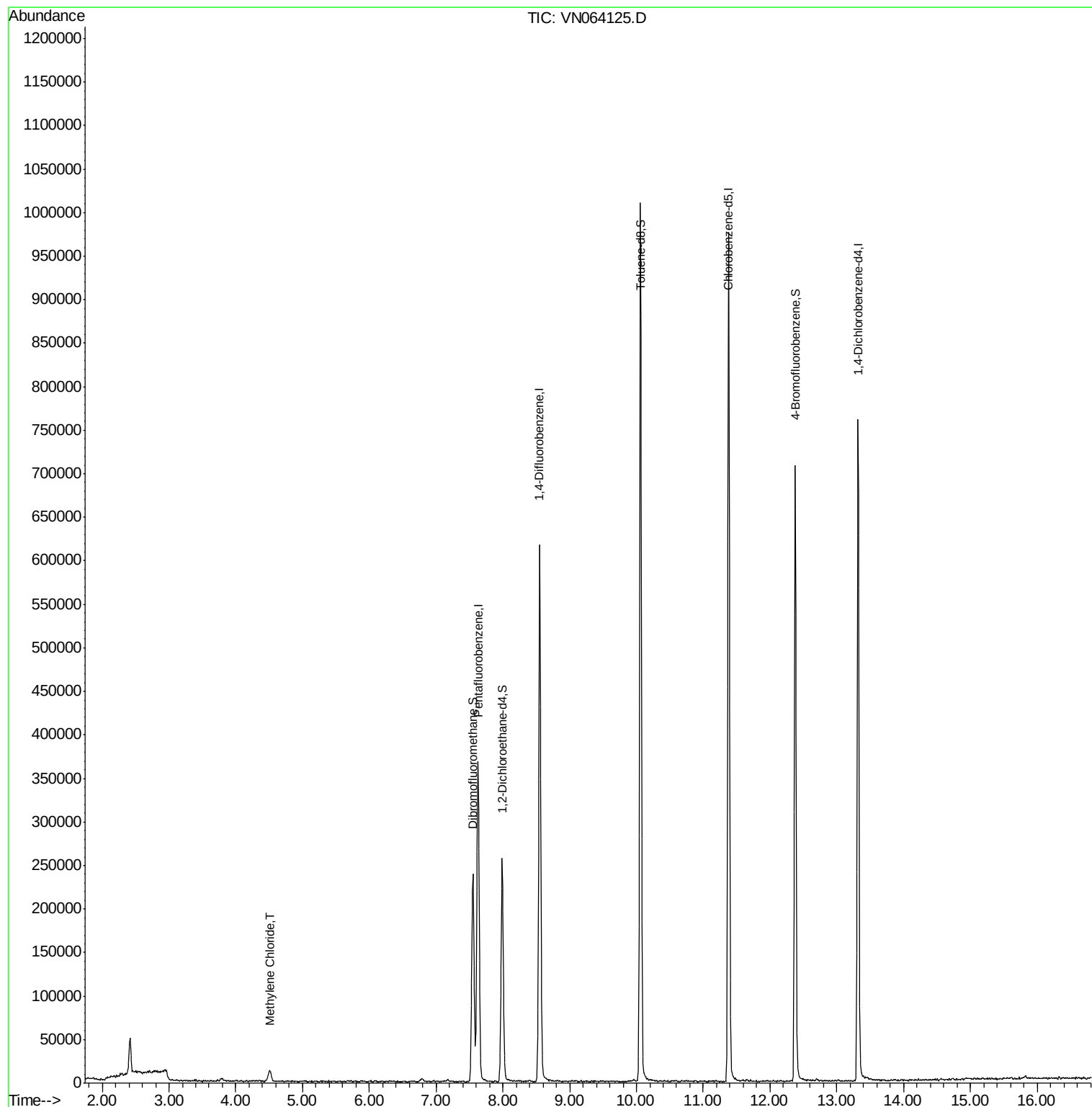
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	288209	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	546515	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	565517	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	209044	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	221570	53.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.96%	
35) Dibromofluoromethane	7.55	113	184119	48.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.34%	
50) Toluene-d8	10.06	98	692326	48.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.02%	
62) 4-Bromofluorobenzene	12.38	95	241496	49.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.46%	
Target Compounds						
20) Methylene Chloride	4.51	84	9626	2.555	ug/l	Qvalue 97

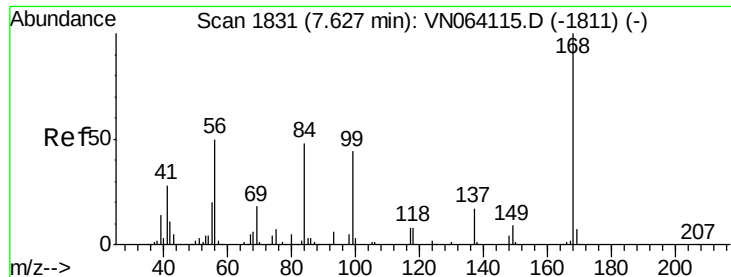
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064125.D

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ClientSampleId :

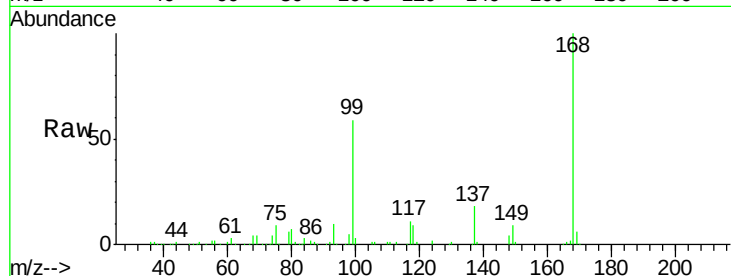
TR-08-101320

Tot Ion:168 Resp: 288209

Ion Ratio Lower Upper

168 100

99 58.7 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

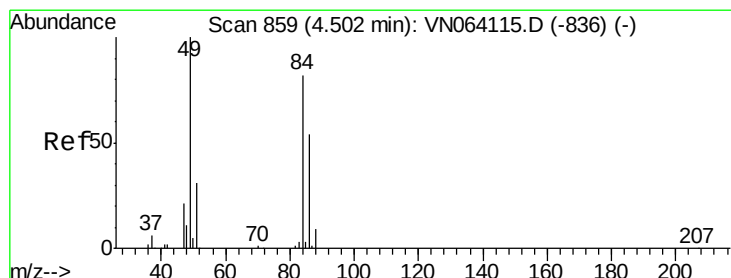
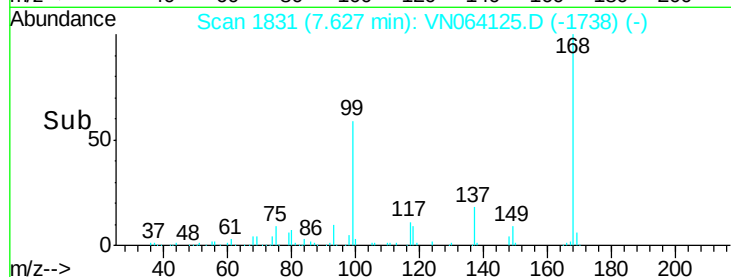
7.63

100000

50000

0

Time--> 7.50 7.60 7.70



#20

Methylene Chloride

Concen: 2.555 ug/l

RT: 4.51 min Scan# 860

Delta R.T. 0.00 min

Lab File: VN064125.D

Acq: 14 Oct 2020 20:31

Tgt Ion: 84 Resp: 9626

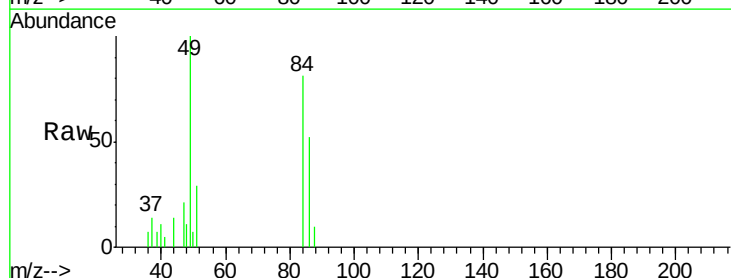
Ion Ratio Lower Upper

84 100

49 117.7 97.4 146.0

51 35.5 29.7 44.5

86 63.6 52.5 78.7



Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO

6000

5000

4000

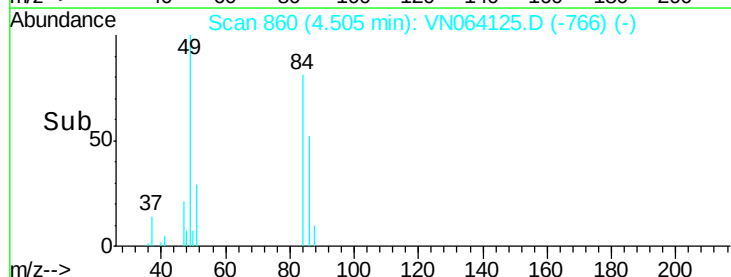
3000

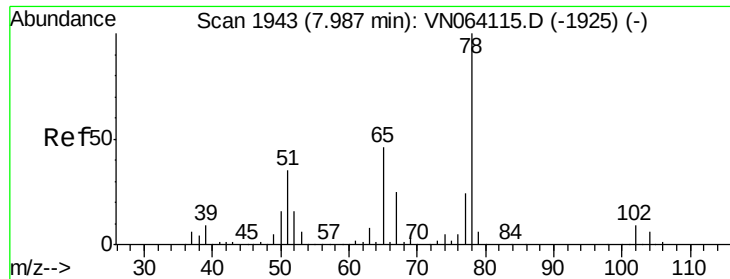
2000

1000

0

Time--> 4.45 4.50 4.55 4.60

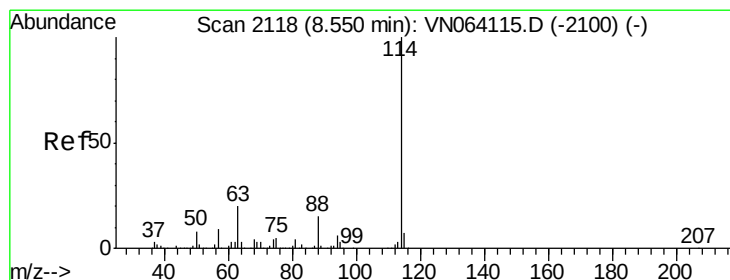
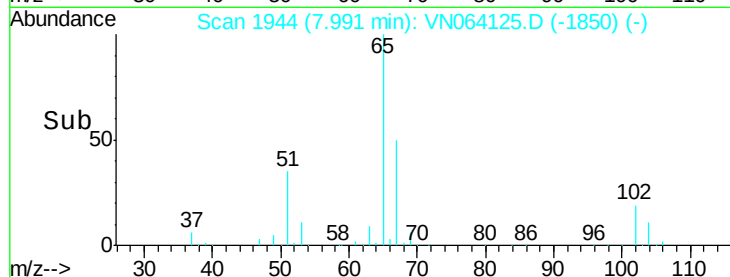
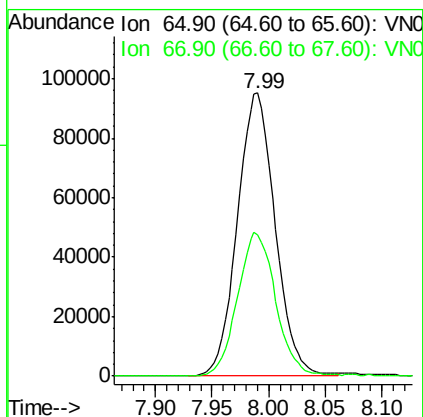
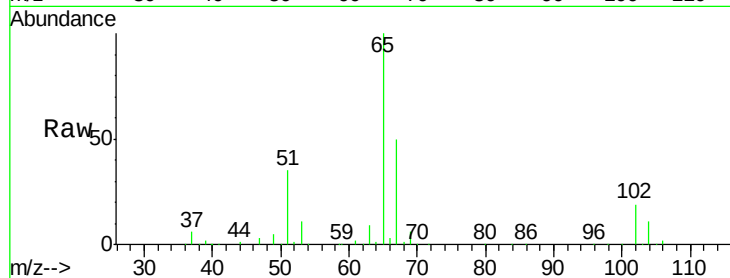




#33
 1,2-Dichloroethane-d4
 Concen: 53.980 ug/l
 RT: 7.99 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VN064125.D
 Acq: 14 Oct 2020 20:31

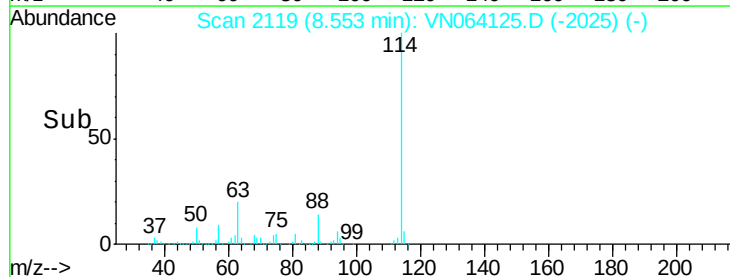
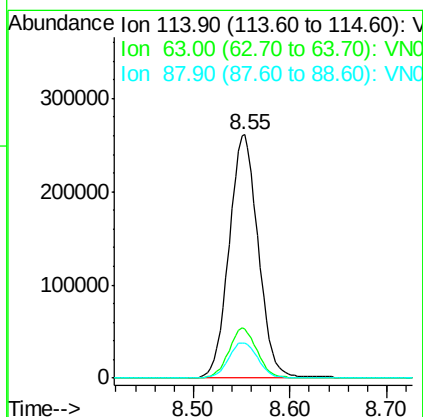
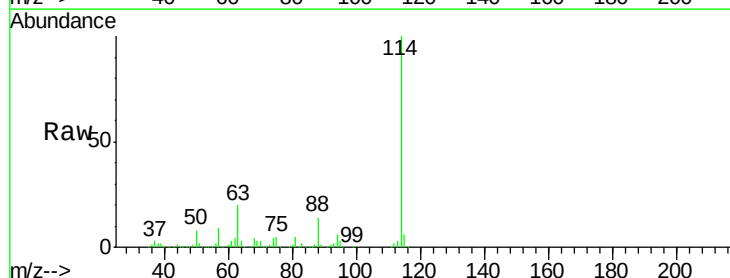
Instrument :
 MSVOA_N
 ClientSampleId :
 TR-08-101320

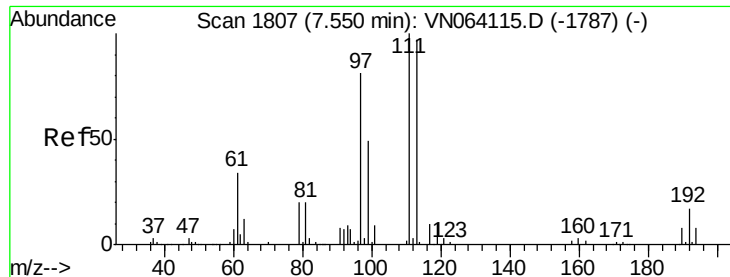
Tot Ion: 65 Resp: 221570
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN064125.D
 Acq: 14 Oct 2020 20:31

Tgt Ion: 114 Resp: 546515
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 41.0
 88 14.3 0.0 29.2





#35

Dibromofluoromethane

Concen: 48.674 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN064125.D

Acq: 14 Oct 2020 20:31

Instrument :

MSVOA_N

ClientSampleId :

TR-08-101320

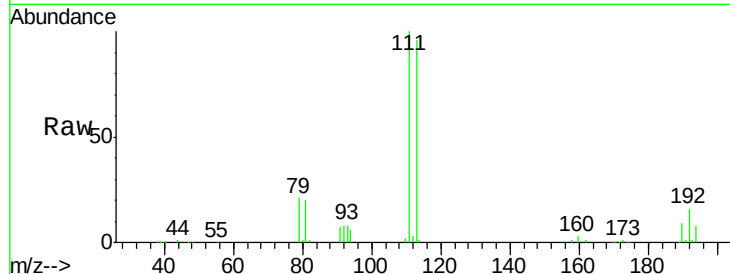
Tot Ion:113 Resp: 184119

Ion Ratio Lower Upper

113 100

111 103.5 81.9 122.9

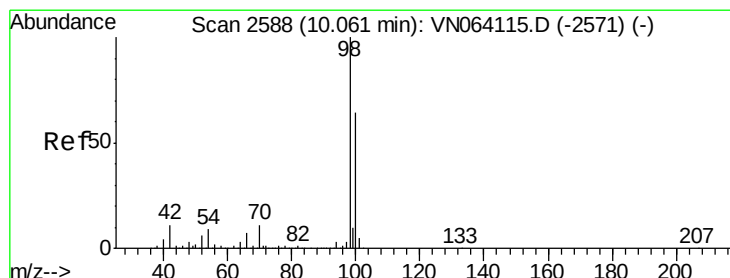
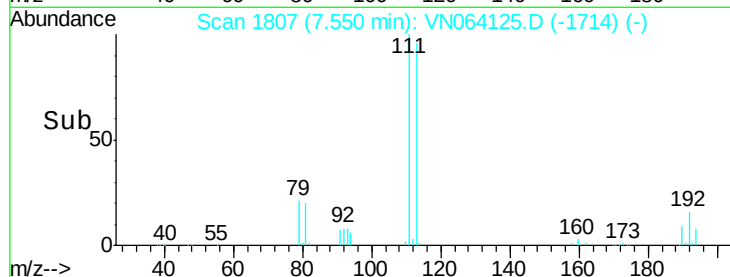
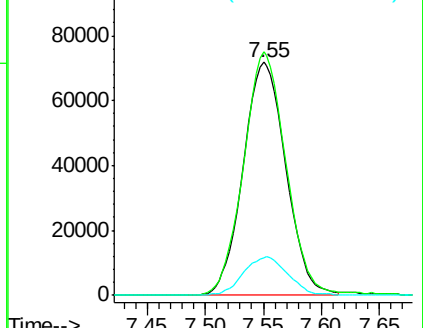
192 17.0 14.3 21.5



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: 48.507 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064125.D

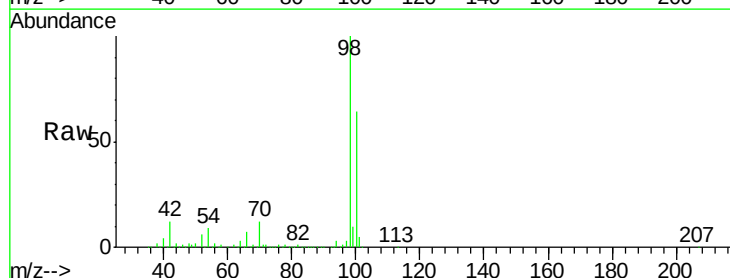
Acq: 14 Oct 2020 20:31

Tgt Ion: 98 Resp: 692326

Ion Ratio Lower Upper

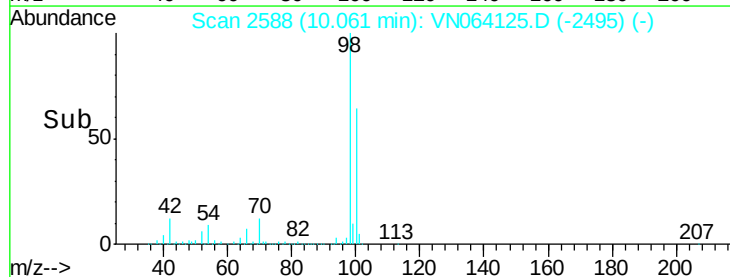
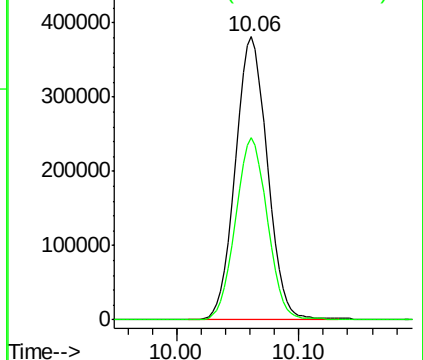
98 100

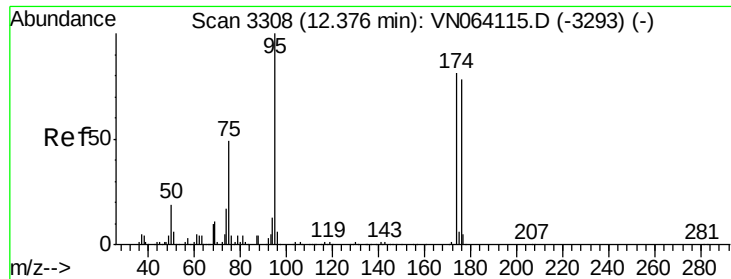
100 64.2 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN

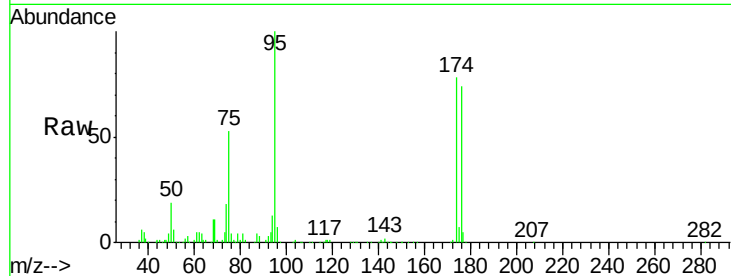




#62
4-Bromofluorobenzene
Concen: 49.226 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064125.D
Acq: 14 Oct 2020 20:31

Instrument :
MSVOA_N
ClientSampleId :
TR-08-101320

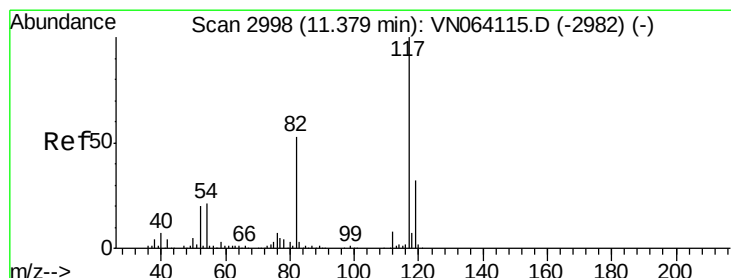
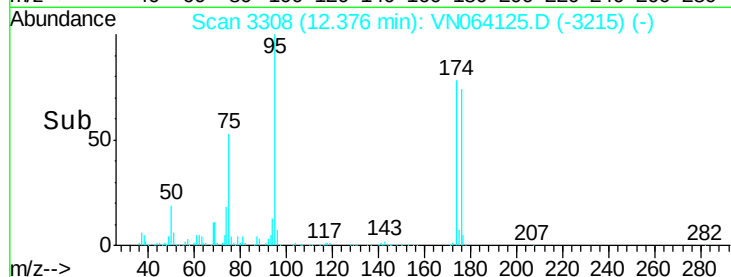
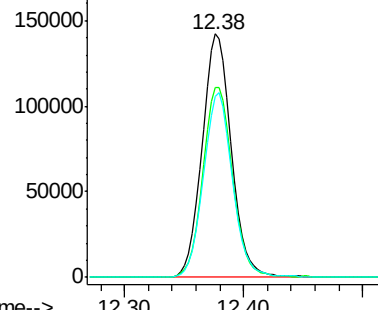
Tot Ion	95	Resp	241496
Ion Ratio	Lower	Upper	
95	100		
174	79.5	0.0	164.8
176	75.8	0.0	157.8



Abundance Ion 94.90 (94.60 to 95.60): VN064125.D (-3293) (-)

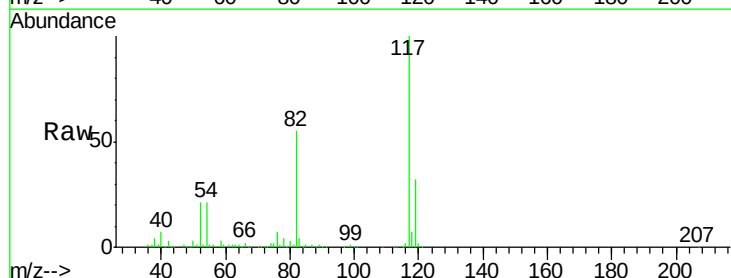
Ion 173.80 (173.50 to 174.50): VN064125.D (-3293) (-)

Ion 175.80 (175.50 to 176.50): VN064125.D (-3293) (-)



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064125.D
Acq: 14 Oct 2020 20:31

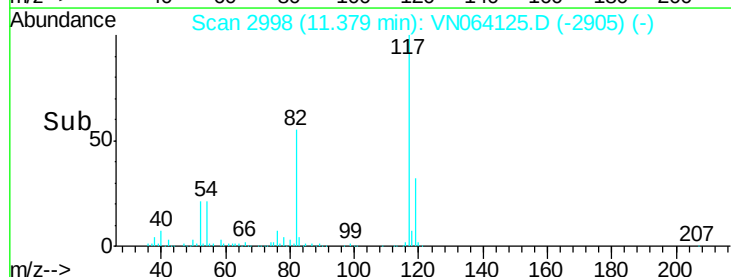
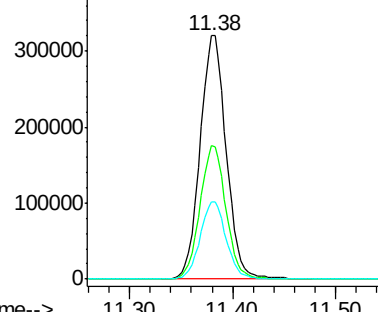
Tgt Ion	117	Resp	565517
Ion Ratio	Lower	Upper	
117	100		
82	54.8	42.6	63.8
119	31.9	25.5	38.3

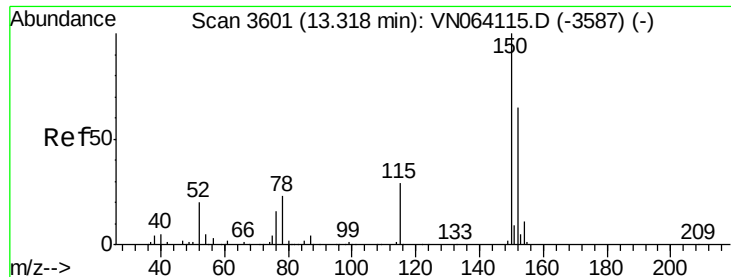


Abundance Ion 116.90 (116.60 to 117.60): VN064125.D (-2982) (-)

Ion 82.00 (81.70 to 82.70): VN064125.D (-2982) (-)

Ion 118.90 (118.60 to 119.60): VN064125.D (-2982) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064125.D

Acq: 14 Oct 2020 20:31

Instrument :

MSVOA_N

ClientSampleId :

TR-08-101320

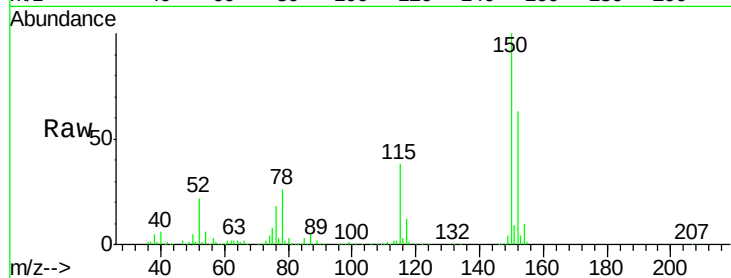
Tot Ion:152 Resp: 209044

Ion Ratio Lower Upper

152 100

115 59.5 29.3 87.8

150 155.7 0.0 346.0



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

