

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090120\
 Data File : VN063179.D
 Acq On : 2 Sep 2020 00:52
 Operator : JC/MD
 Sample : DX969
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DX969

Quant Time: Sep 02 05:39:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 01 04:21:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	353357	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	693929	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	664310	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	249174	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.98	65	287011	49.69	ug/l	0.00
Spiked Amount			Recovery	=	99.38%	
35) Dibromofluoromethane	7.55	113	219181	49.23	ug/l	0.00
Spiked Amount			Recovery	=	98.46%	
50) Toluene-d8	10.06	98	875936	51.12	ug/l	0.00
Spiked Amount			Recovery	=	102.24%	
62) 4-Bromofluorobenzene	12.38	95	292432	48.79	ug/l	0.00
Spiked Amount			Recovery	=	97.58%	

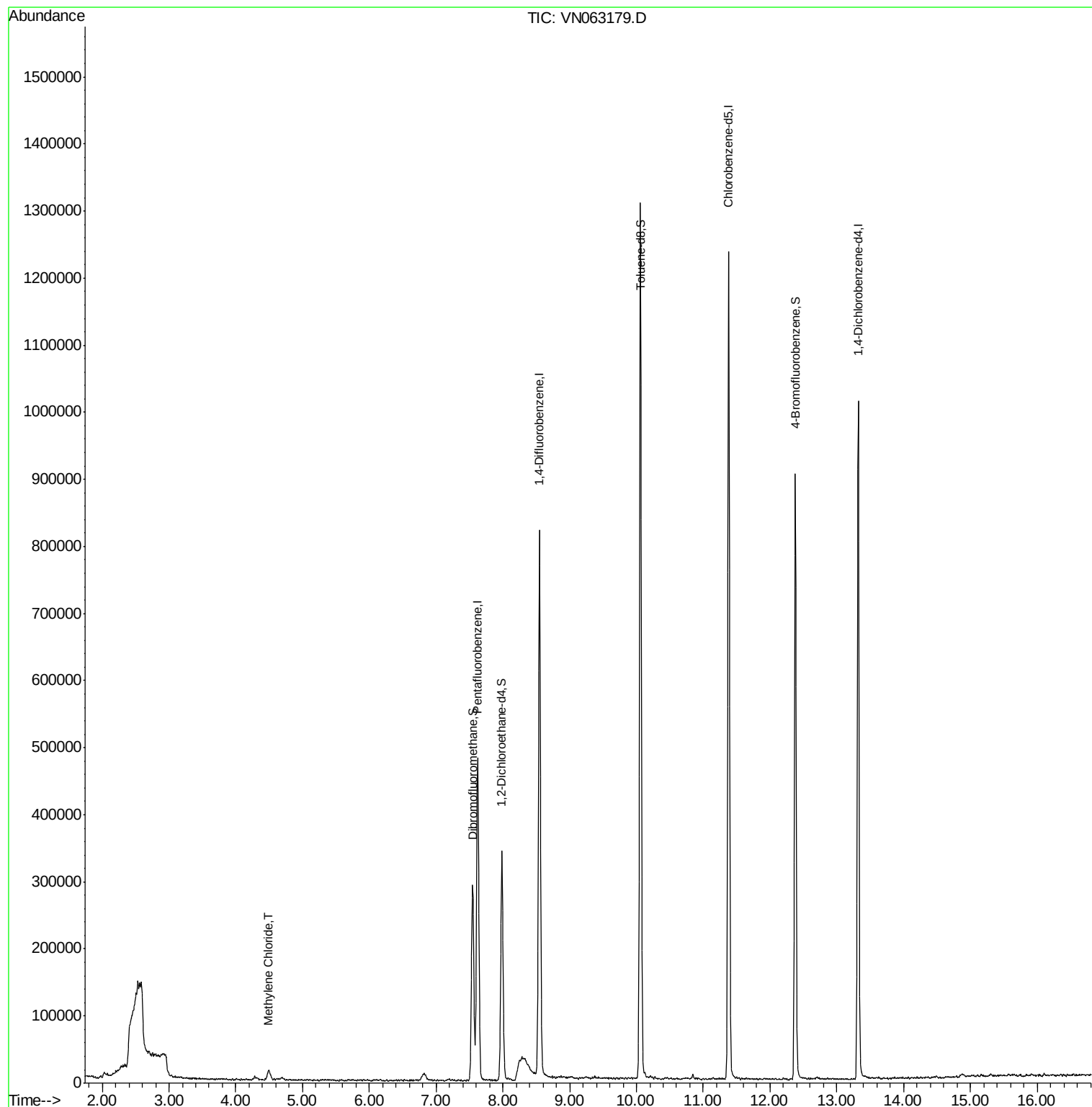
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.49	84	10476m	1.795	ug/l	

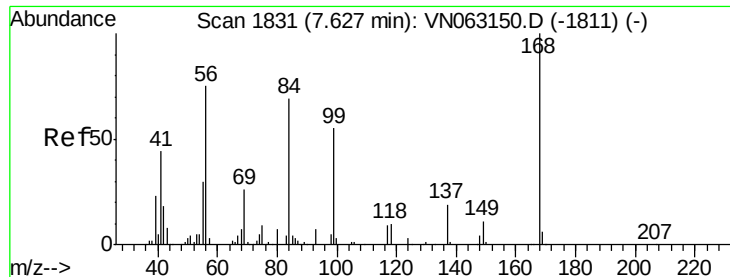
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Sep 01 04:21:28 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: VN063179.D

Acq: 2 Sep 2020 00:52

Instrument :

MSVOA_N

ClientSampleId :

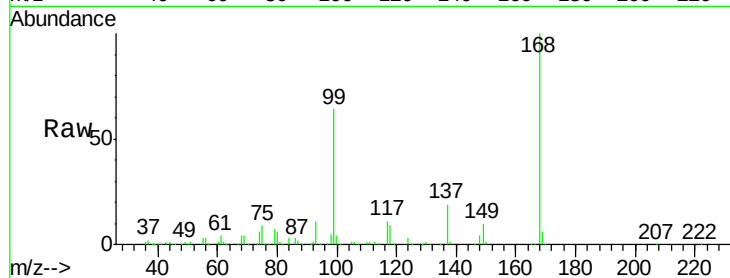
DX969

Tot Ion:168 Resp: 353357

Ion Ratio Lower Upper

168 100

99 64.0 54.2 81.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

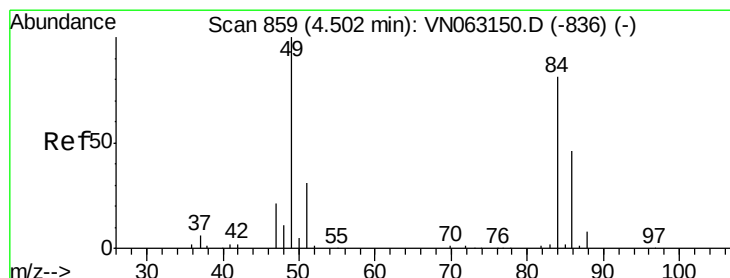
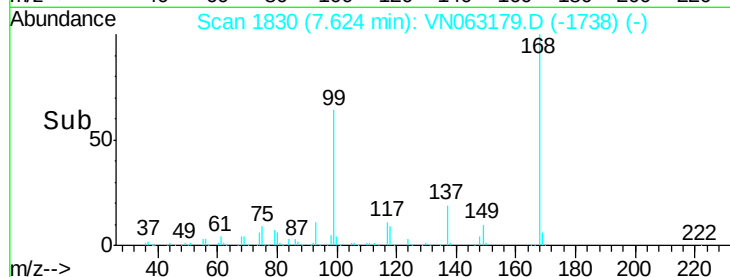
150000

100000

50000

0

Time--> 7.50 7.55 7.60 7.65 7.70



#20

Methylene Chloride

Concen: 1.795 ug/l m

RT: 4.49 min Scan# 855

Delta R.T. -0.01 min

Lab File: VN063179.D

Acq: 2 Sep 2020 00:52

Tgt Ion: 84 Resp: 10476

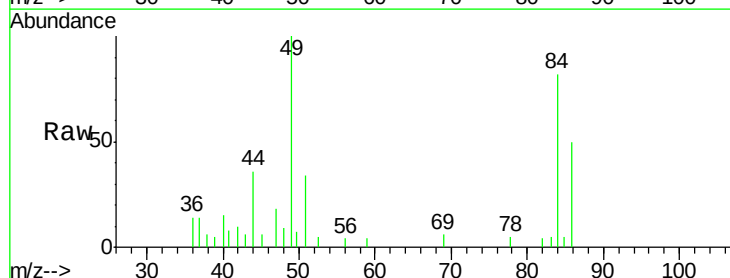
Ion Ratio Lower Upper

84 100

49 121.2 98.4 147.6

51 41.4 30.4 45.6

86 60.5 45.7 68.5



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

4.49

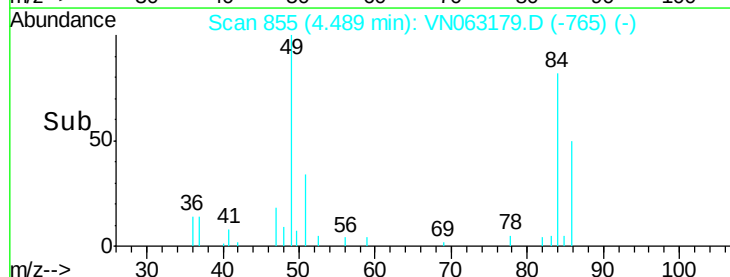
6000

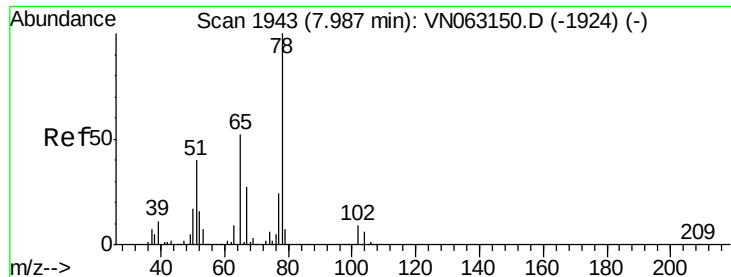
4000

2000

0

Time--> 4.40 4.45 4.50 4.55 4.60

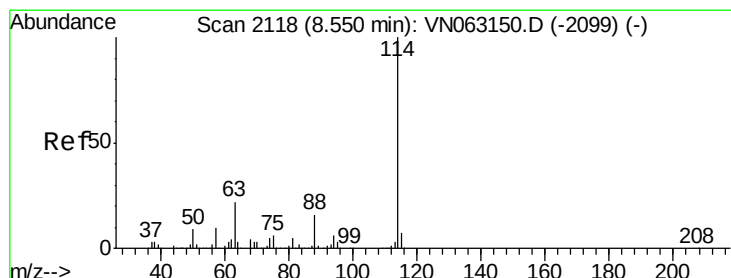
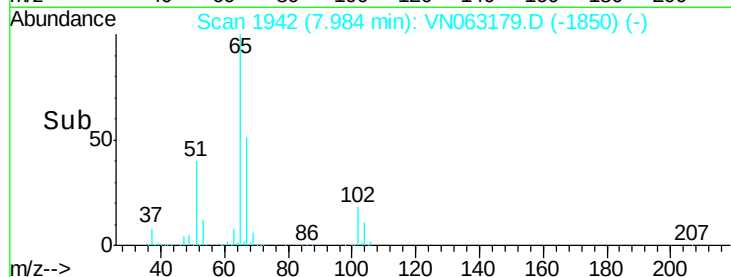
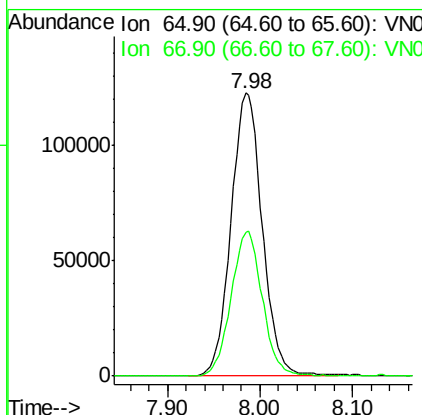
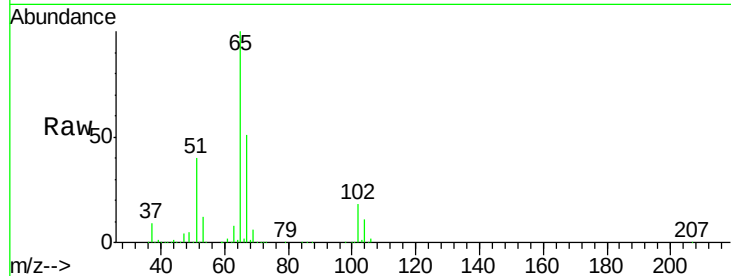




#33
 1,2-Dichloroethane-d4
 Concen: 49.687 ug/l
 RT: 7.98 min Scan# 1942
 Delta R.T. -0.00 min
 Lab File: VN063179.D
 Acq: 2 Sep 2020 00:52

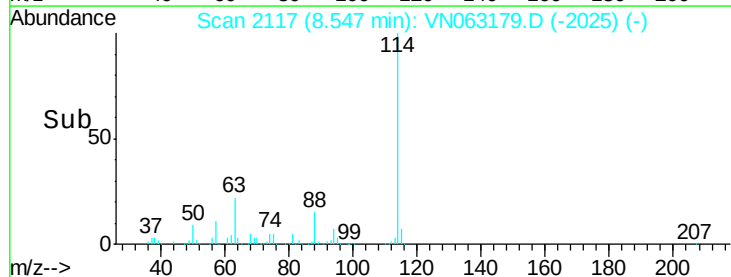
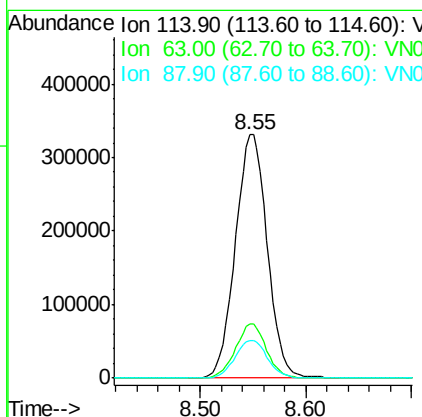
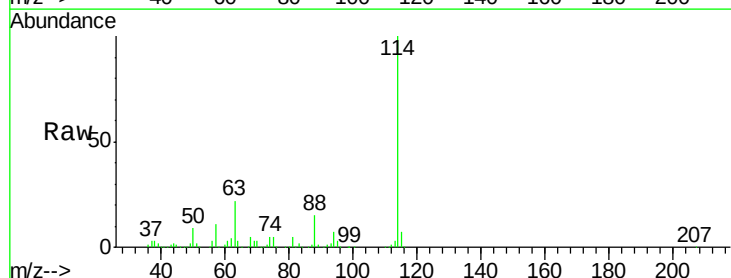
Instrument :
 MSVOA_N
 ClientSampled :
 DX969

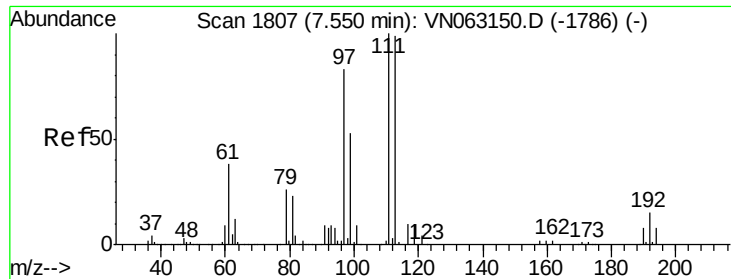
Tot Ion: 65 Resp: 287011
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN063179.D
 Acq: 2 Sep 2020 00:52

Tgt Ion: 114 Resp: 693929
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 43.0
 88 15.3 0.0 31.6

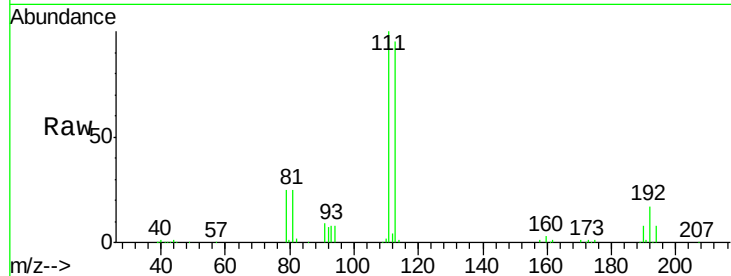




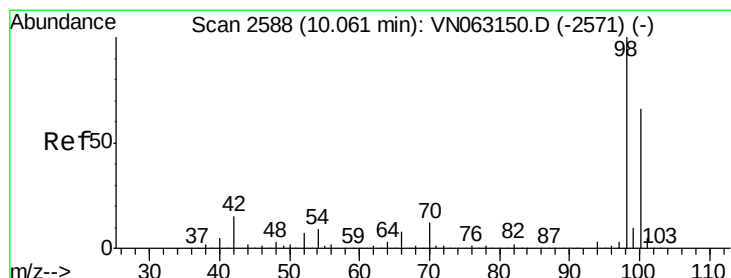
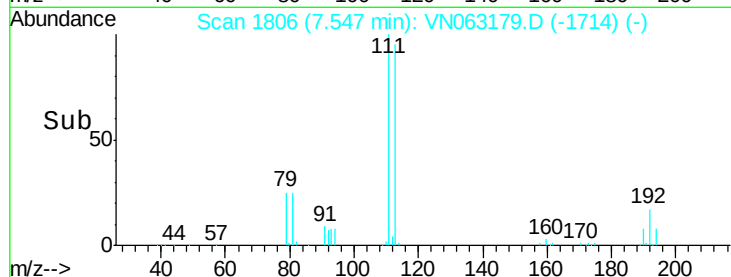
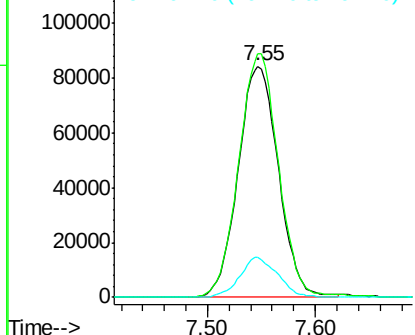
#35
 Dibromofluoromethane
 Concen: 49.233 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN063179.D
 Acq: 2 Sep 2020 00:52

Instrument :
 MSVOA_N
 ClientSampleId :
 DX969

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.6	80.7	121.1
192	16.2	12.6	19.0

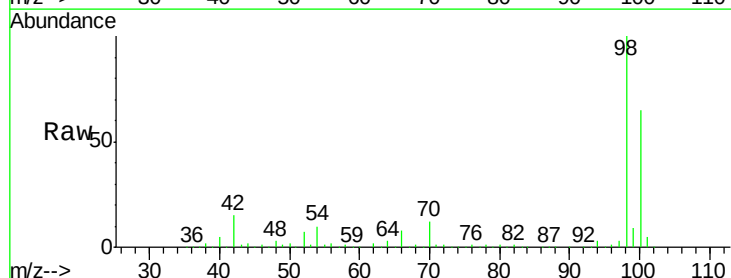


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

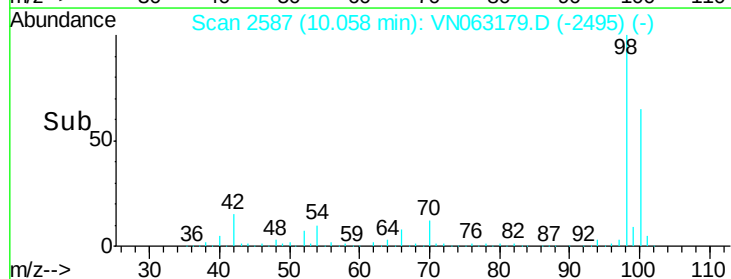
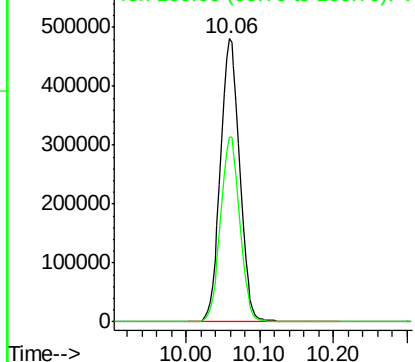


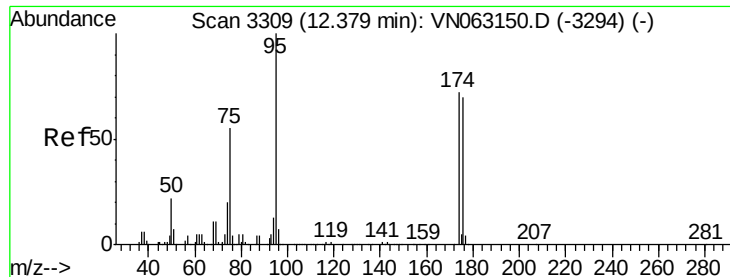
#50
 Toluene-d8
 Concen: 51.118 ug/l
 RT: 10.06 min Scan# 2587
 Delta R.T. -0.00 min
 Lab File: VN063179.D
 Acq: 2 Sep 2020 00:52

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.0	78.0



Abundance Ion 98.00 (97.70 to 98.70): VN
 Ion 100.00 (99.70 to 100.70): VN





#62

4-Bromofluorobenzene

Concen: 48.787 ug/l

RT: 12.38 min Scan# 3309

Delta R.T. 0.00 min

Lab File: VN063179.D

Acq: 2 Sep 2020 00:52

Instrument :

MSVOA_N

ClientSampleId :

DX969

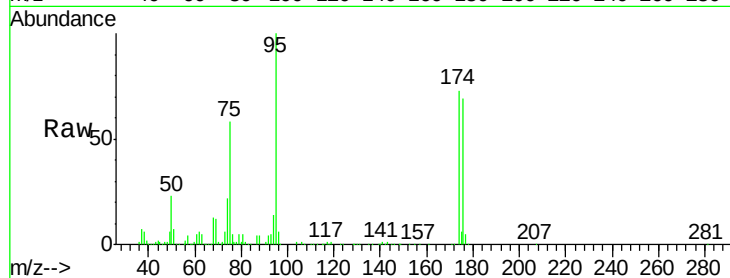
Tot Ion: 95 Resp: 292432

Ion Ratio Lower Upper

95 100

174 74.5 0.0 143.8

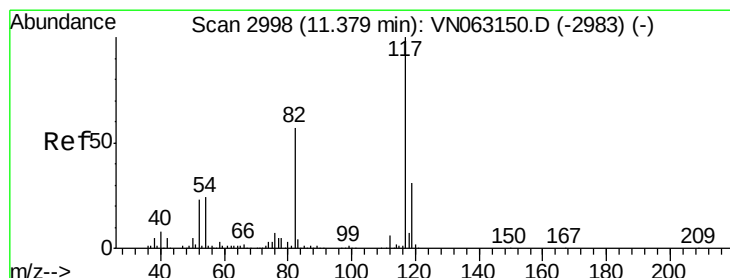
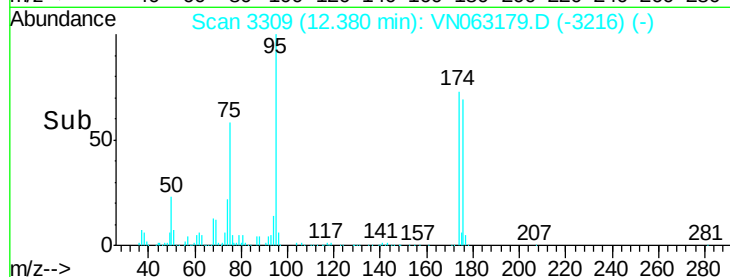
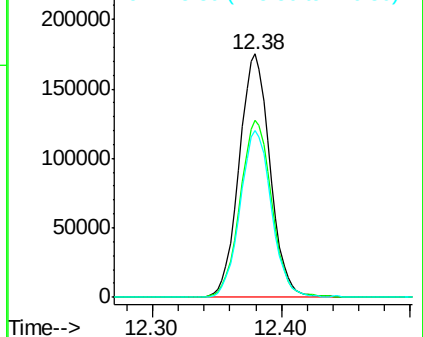
176 69.4 0.0 138.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2999

Delta R.T. 0.00 min

Lab File: VN063179.D

Acq: 2 Sep 2020 00:52

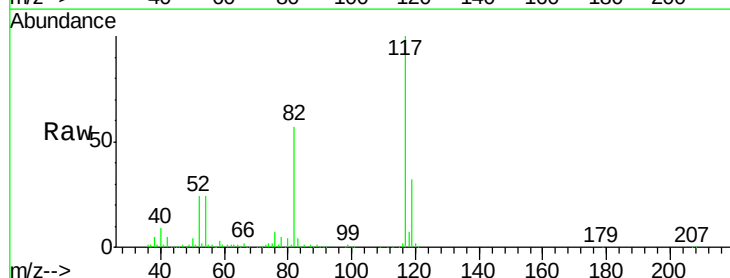
Tgt Ion: 117 Resp: 664310

Ion Ratio Lower Upper

117 100

82 56.8 45.4 68.0

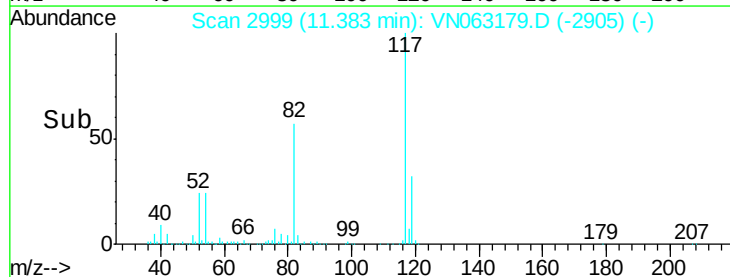
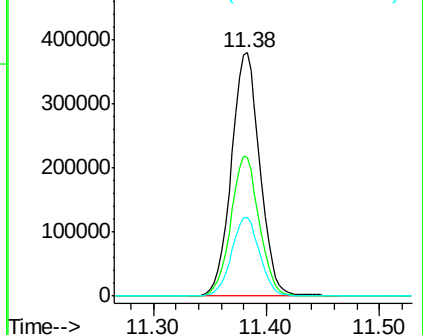
119 32.5 24.6 37.0

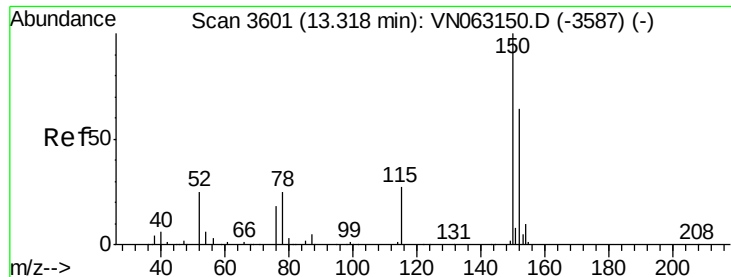


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3602

Delta R.T. 0.00 min

Lab File: VN063179.D

Acq: 2 Sep 2020 00:52

Instrument :

MSVOA_N

ClientSampleId :

DX969

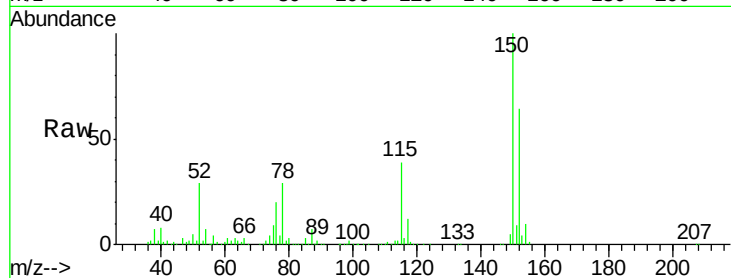
Tot Ion:152 Resp: 249174

Ion Ratio Lower Upper

152 100

115 61.8 32.0 96.2

150 157.8 0.0 353.0



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

