

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052120\
 Data File : VN061526.D
 Acq On : 21 May 2020 13:31
 Operator : JC/MD
 Sample : L2506-18
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TR-04-052020

Quant Time: May 22 07:56:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051820W.M
 Quant Title : SW846 8260
 QLast Update : Mon May 18 13:09:55 2020
 Response via : Initial Calibration

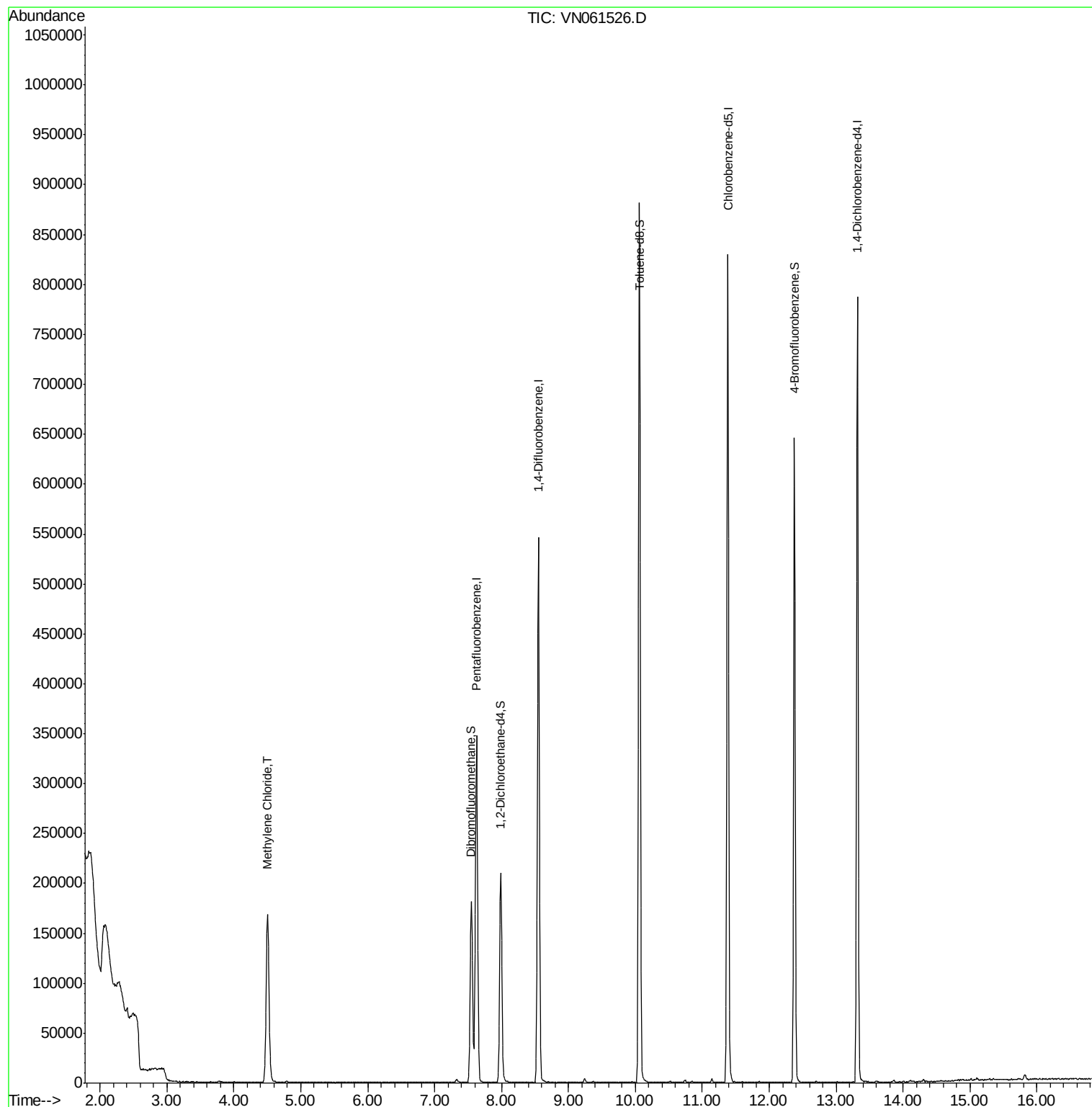
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	284109	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	510222	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	495738	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	215004	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	185028	43.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.28%	
35) Dibromofluoromethane	7.55	113	142110	53.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.34%	
50) Toluene-d8	10.06	98	626834	50.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.12%	
62) 4-Bromofluorobenzene	12.37	95	232557	50.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.42%	
Target Compounds						
20) Methylene Chloride	4.50	84	133442	38.293	ug/l	Qvalue 93

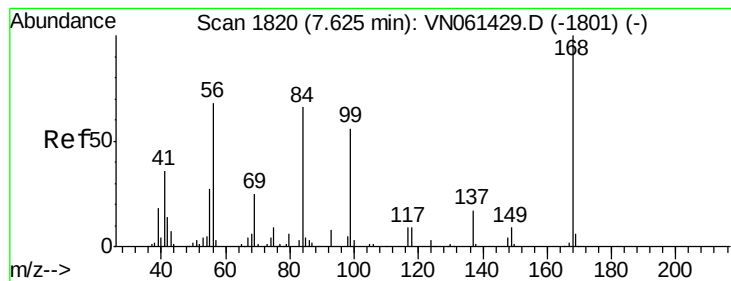
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN061526.D

Acq: 21 May 2020 13:31

Instrument :

MSVOA_N

ClientSampleId :

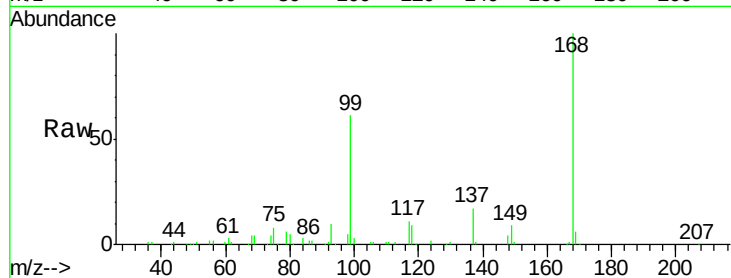
TR-04-052020

Tot Ion:168 Resp: 284109

Ion Ratio Lower Upper

168 100

99 60.8 51.1 76.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

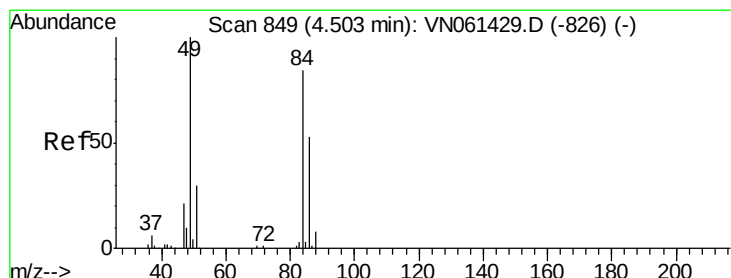
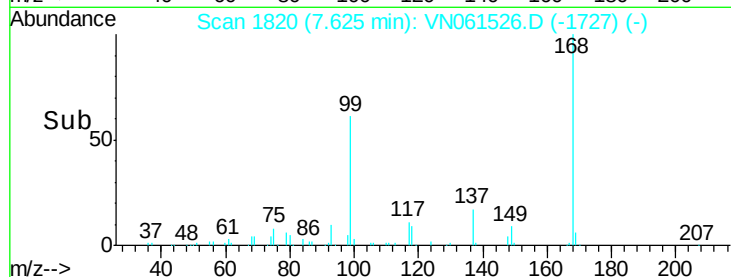
7.63

100000

50000

0

Time--> 7.50 7.60 7.70



#20

Methylene Chloride

Concen: 38.293 ug/l

RT: 4.50 min Scan# 849

Delta R.T. 0.00 min

Lab File: VN061526.D

Acq: 21 May 2020 13:31

Tgt Ion: 84 Resp: 133442

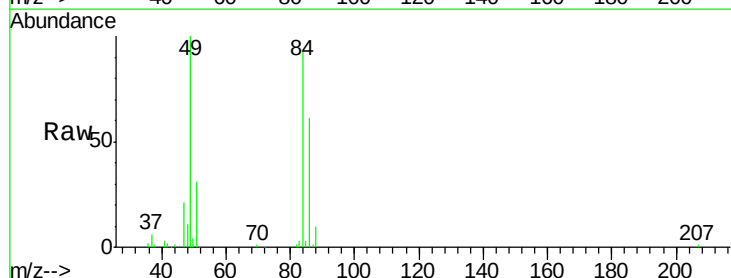
Ion Ratio Lower Upper

84 100

49 107.5 95.3 142.9

51 33.4 29.0 43.6

86 65.1 50.2 75.2



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

4.50

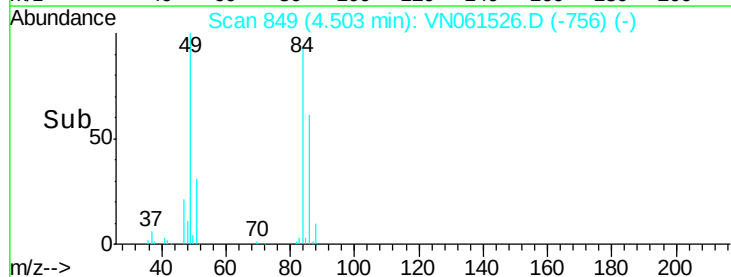
60000

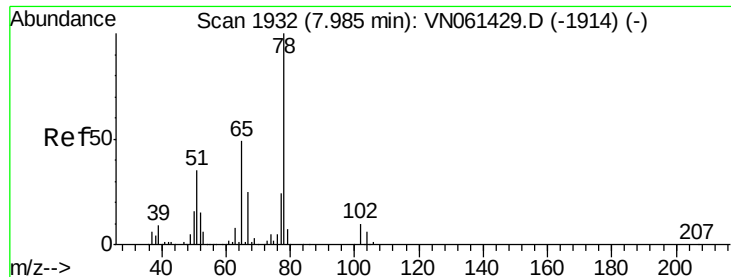
40000

20000

0

Time--> 4.40 4.50 4.60

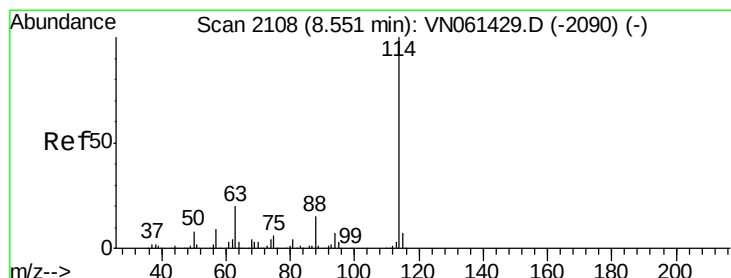
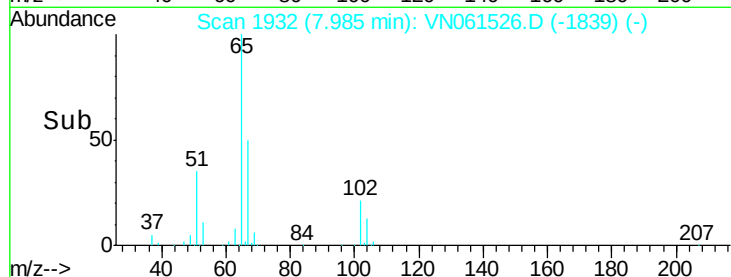
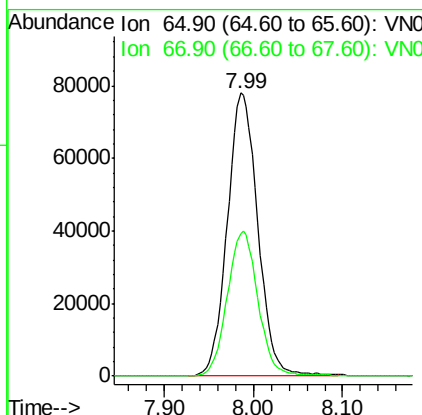
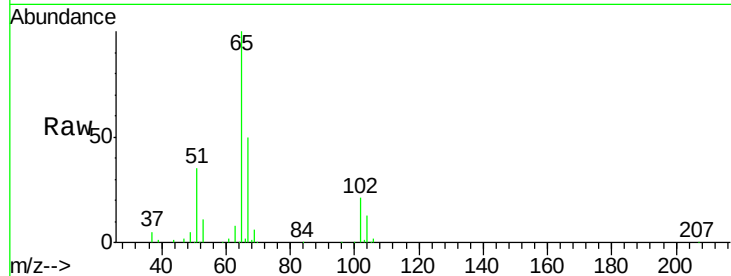




#33
 1,2-Dichloroethane-d4
 Concen: 43.637 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. 0.00 min
 Lab File: VN061526.D
 Acq: 21 May 2020 13:31

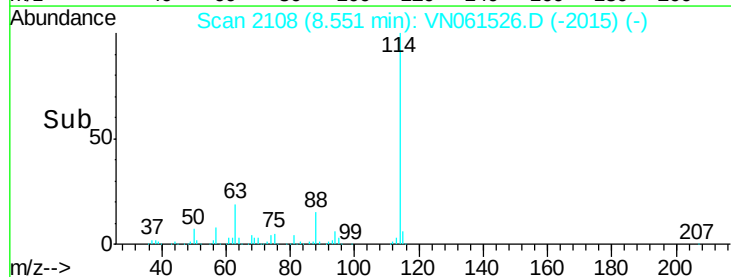
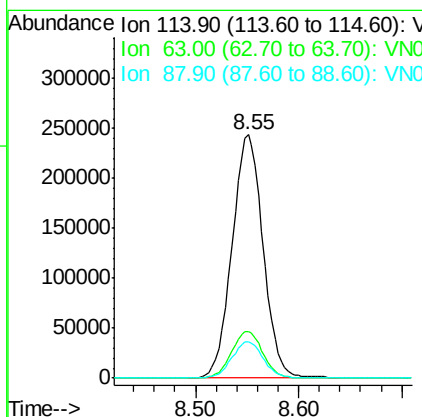
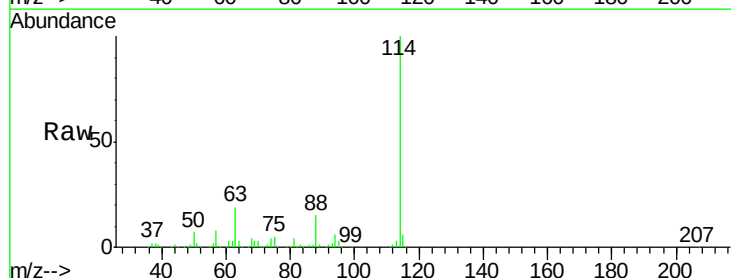
Instrument :
 MSVOA_N
 ClientSampleId :
 TR-04-052020

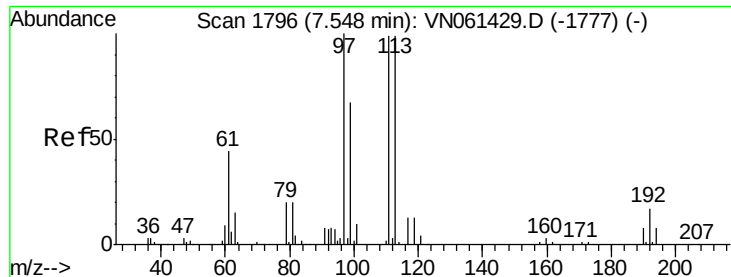
Tot Ion: 65 Resp: 185028
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN061526.D
 Acq: 21 May 2020 13:31

Tgt Ion: 114 Resp: 510222
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 40.8
 88 15.1 0.0 30.8

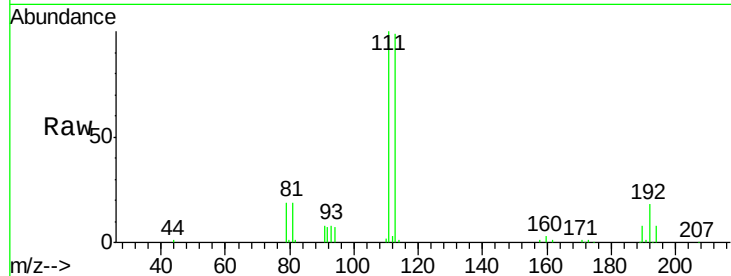




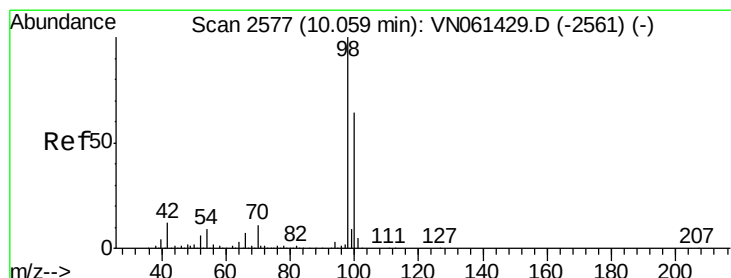
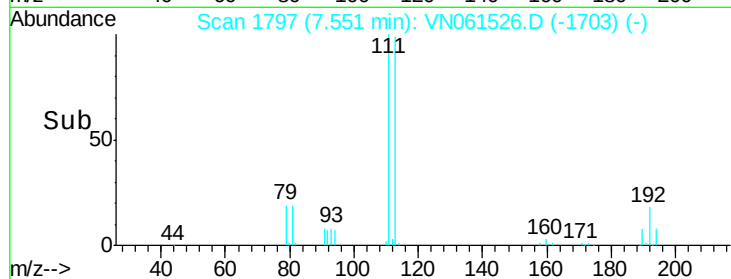
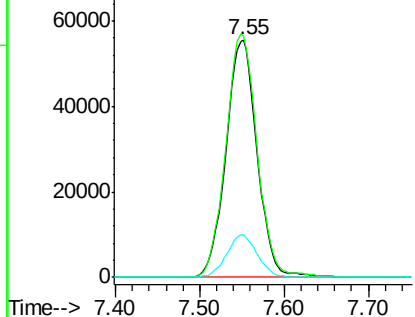
#35
 Dibromofluoromethane
 Concen: 53.167 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN061526.D
 Acq: 21 May 2020 13:31

Instrument :
 MSVOA_N
 ClientSampleId :
 TR-04-052020

Tot Ion:113 Resp: 142110
 Ion Ratio Lower Upper
 113 100
 111 103.8 80.6 121.0
 192 17.6 13.2 19.8

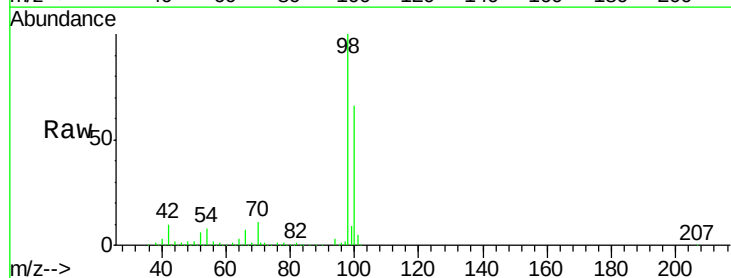


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

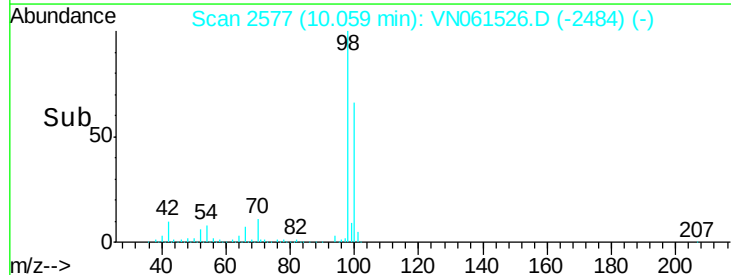
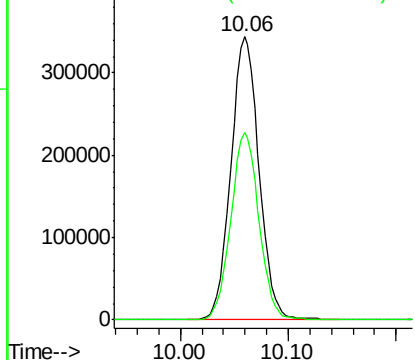


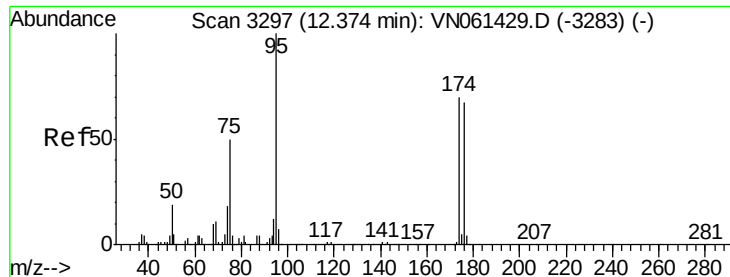
#50
 Toluene-d8
 Concen: 50.561 ug/l
 RT: 10.06 min Scan# 2577
 Delta R.T. 0.00 min
 Lab File: VN061526.D
 Acq: 21 May 2020 13:31

Tgt Ion: 98 Resp: 626834
 Ion Ratio Lower Upper
 98 100
 100 66.2 51.8 77.8



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

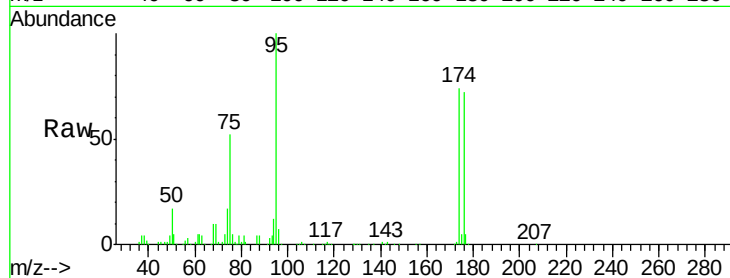




#62
4-Bromofluorobenzene
Concen: 50.208 ug/l
RT: 12.37 min Scan# 3297
Delta R.T. 0.00 min
Lab File: VN061526.D
Acq: 21 May 2020 13:31

Instrument :
MSVOA_N
ClientSampled :
TR-04-052020

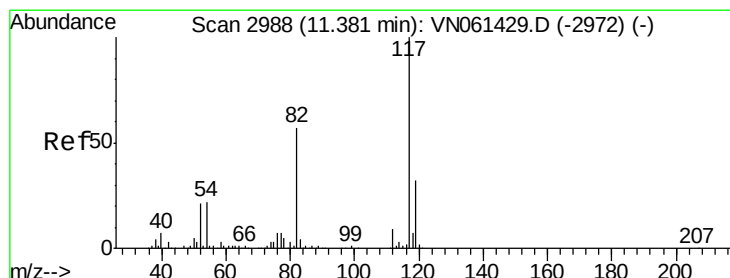
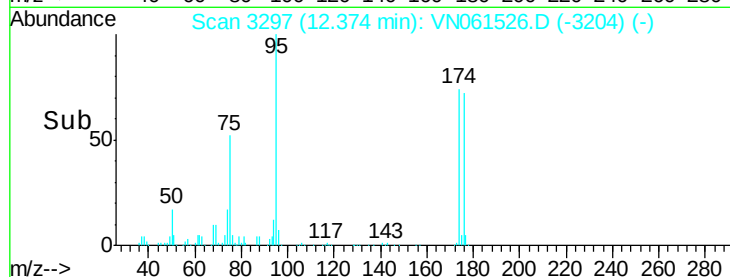
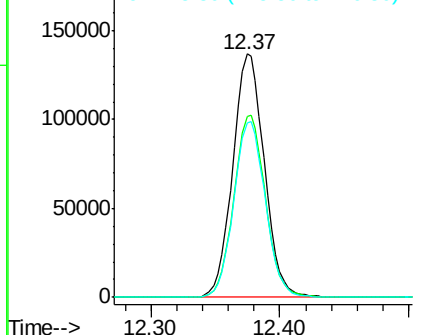
Tot Ion	95	Resp	232557
Ion Ratio	Lower	Upper	
95	100		
174	74.9	0.0	141.2
176	72.4	0.0	137.6



Abundance Ion 94.90 (94.60 to 95.60): VN061429.D (-3283) (-)

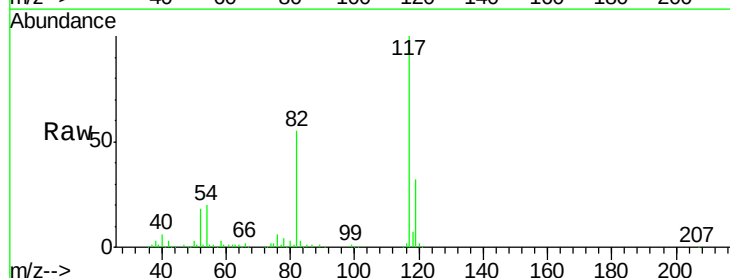
Ion 173.80 (173.50 to 174.50): VN061429.D (-3283) (-)

Ion 175.80 (175.50 to 176.50): VN061429.D (-3283) (-)



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061526.D
Acq: 21 May 2020 13:31

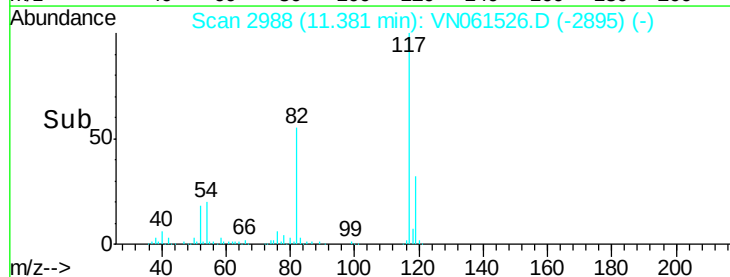
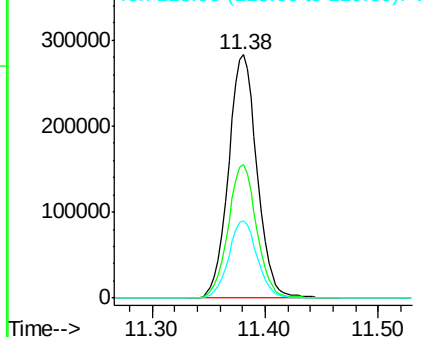
Tgt Ion	117	Resp	495738
Ion Ratio	Lower	Upper	
117	100		
82	54.8	45.2	67.8
119	31.8	25.3	37.9

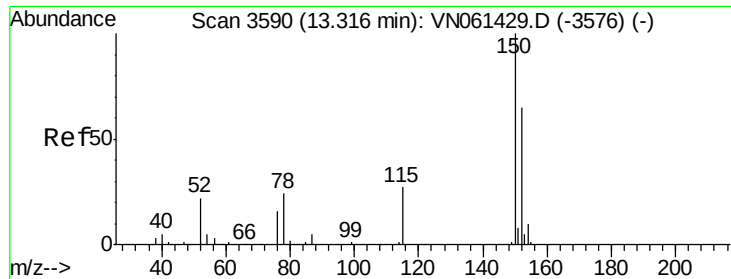


Abundance Ion 116.90 (116.60 to 117.60): VN061429.D (-2972) (-)

Ion 82.00 (81.70 to 82.70): VN061429.D (-2972) (-)

Ion 118.90 (118.60 to 119.60): VN061429.D (-2972) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3590

Delta R.T. 0.00 min

Lab File: VN061526.D

Acq: 21 May 2020 13:31

Instrument :

MSVOA_N

ClientSampleId :

TR-04-052020

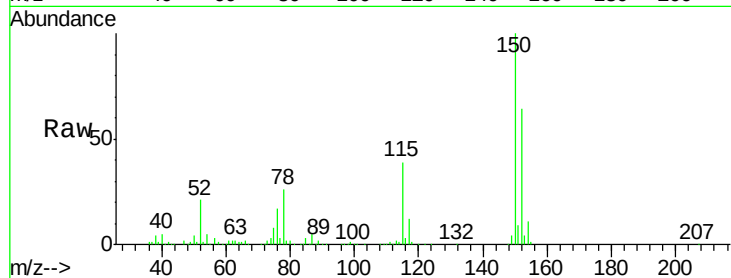
Tot Ion:152 Resp: 215004

Ion Ratio Lower Upper

152 100

115 60.1 30.9 92.5

150 155.7 0.0 349.2



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

