

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN050520\
 Data File : VN061285.D
 Acq On : 5 May 2020 12:24
 Operator : JC/MD
 Sample : VN0505MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0505MBL01

Quant Time: May 06 04:17:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 05 07:01:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	96512	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.54	114	171585	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	160921	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	64631	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.98	65	78584	51.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.92%	
35) Dibromofluoromethane	7.54	113	50307	49.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.16%	
50) Toluene-d8	10.06	98	214475	51.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.70%	
62) 4-Bromofluorobenzene	12.37	95	76050	48.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.72%	

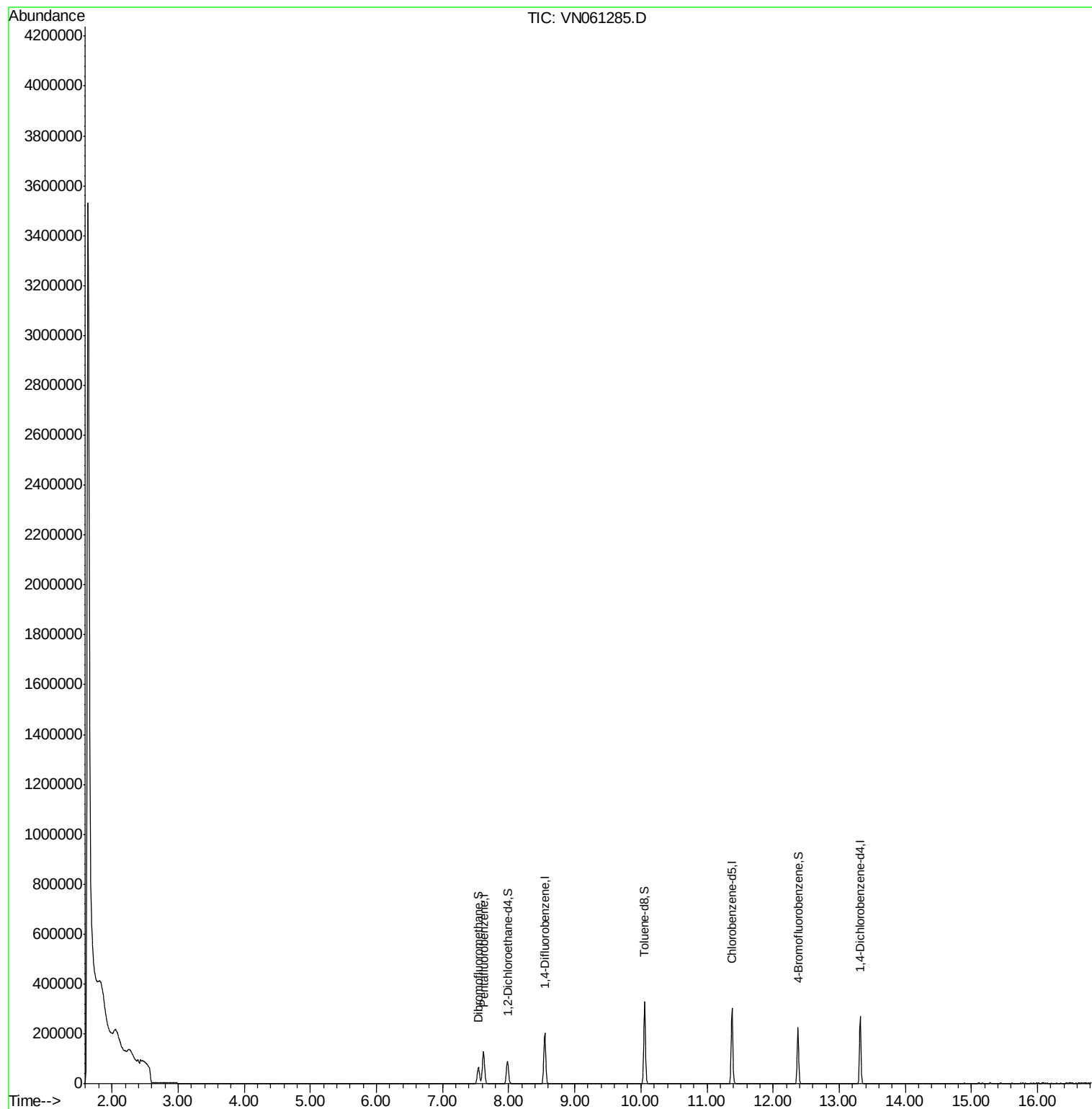
Target Compounds	Qvalue

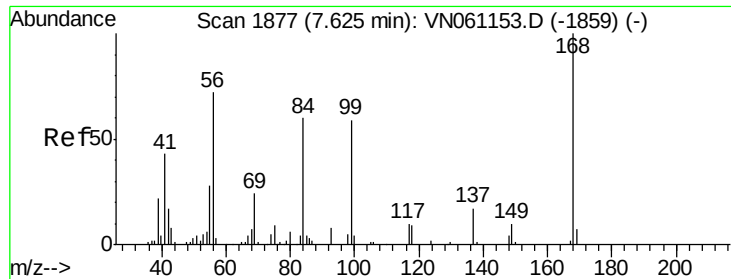
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1875

Delta R.T. -0.01 min

Lab File: VN061285.D

Acq: 5 May 2020 12:24

Instrument :

MSVOA_N

ClientSampleId :

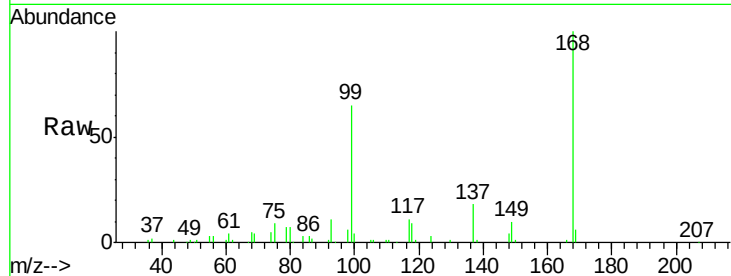
VN0505MBL01

Tot Ion:168 Resp: 96512

Ion Ratio Lower Upper

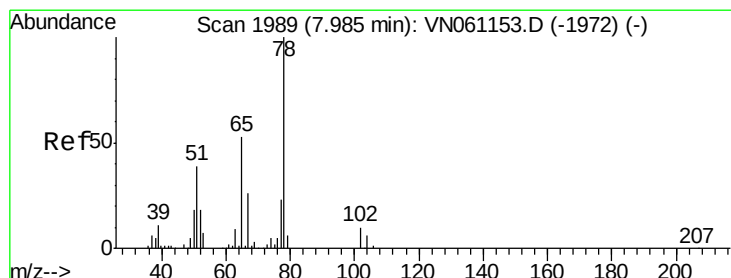
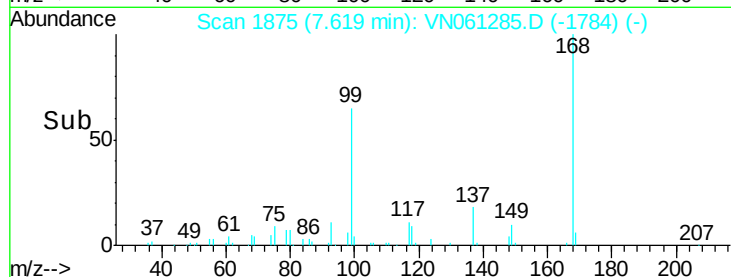
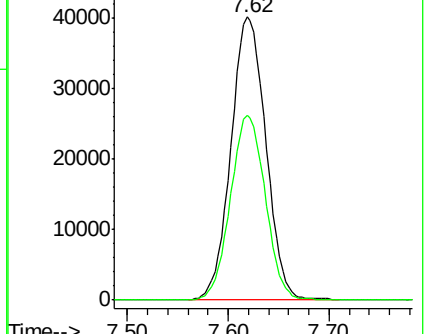
168 100

99 65.4 51.2 76.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 51.459 ug/l

RT: 7.98 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VN061285.D

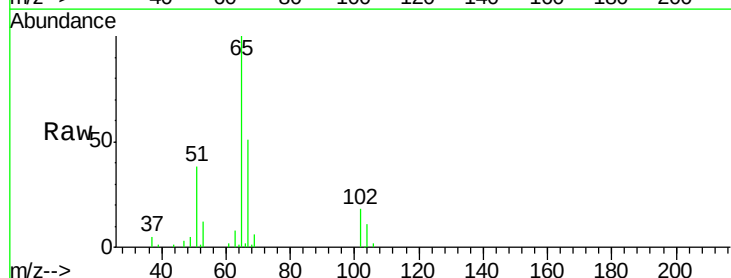
Acq: 5 May 2020 12:24

Tgt Ion: 65 Resp: 78584

Ion Ratio Lower Upper

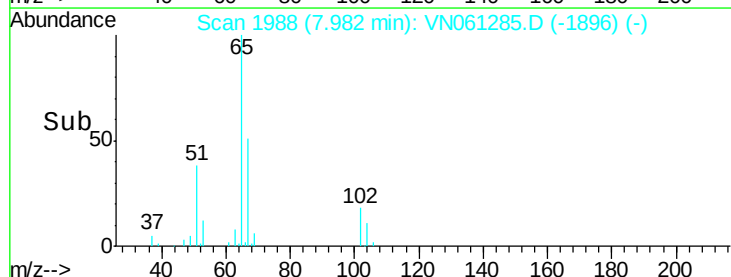
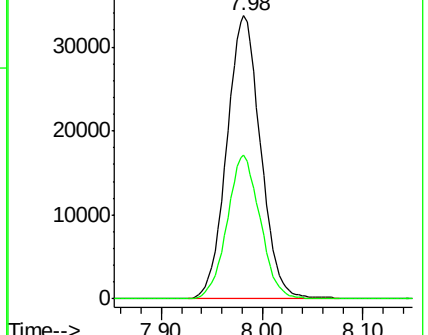
65 100

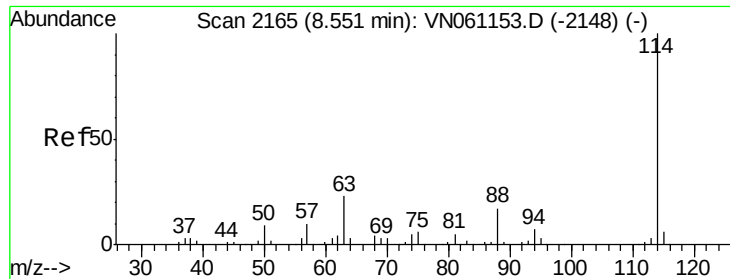
67 49.5 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

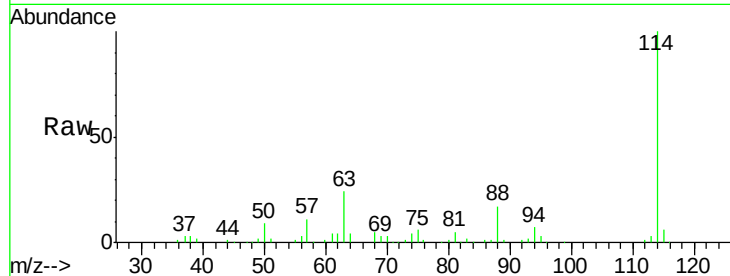




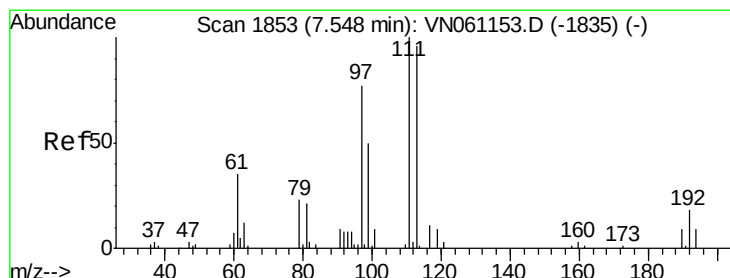
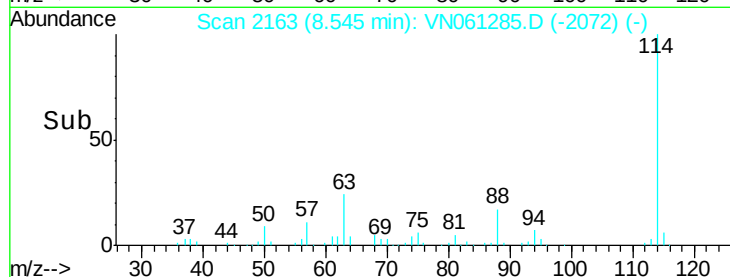
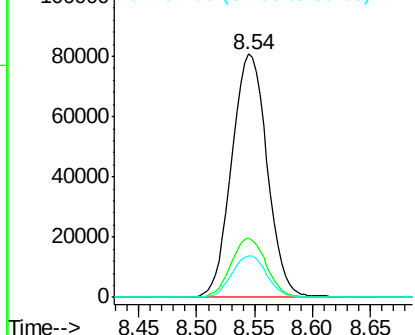
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.54 min Scan# 2163
 Delta R.T. -0.01 min
 Lab File: VN061285.D
 Acq: 5 May 2020 12:24

Instrument :
 MSVOA_N
 ClientSampled :
 VN0505MBL01

Tot Ion:114 Resp: 171585
 Ion Ratio Lower Upper
 114 100
 63 24.3 0.0 46.6
 88 17.1 0.0 33.4

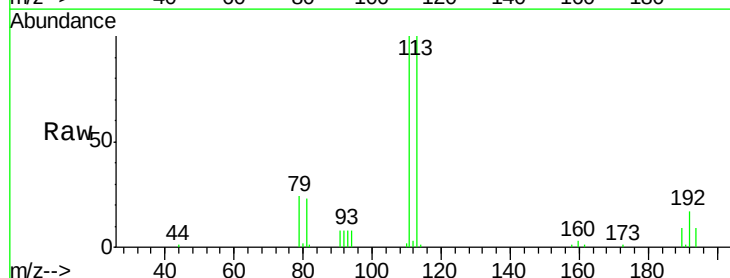


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

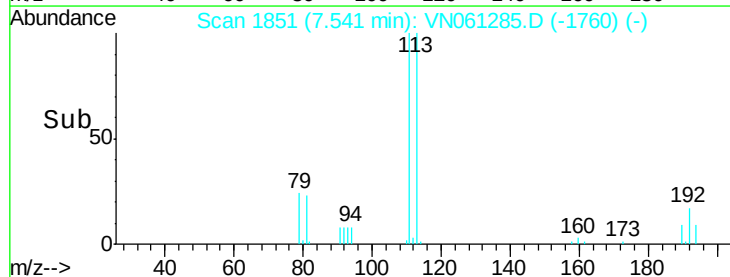
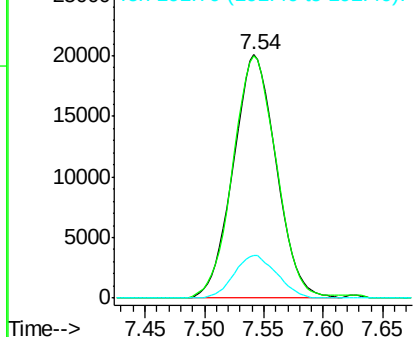


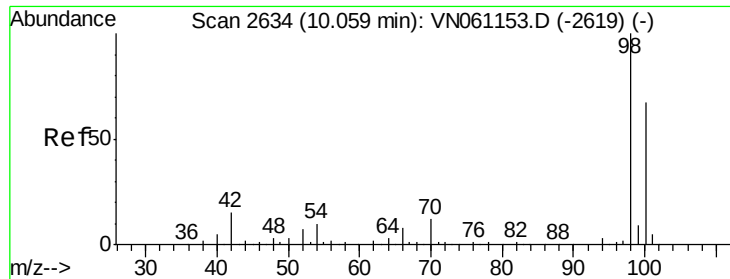
#35
 Dibromofluoromethane
 Concen: 49.582 ug/l
 RT: 7.54 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: VN061285.D
 Acq: 5 May 2020 12:24

Tgt Ion:113 Resp: 50307
 Ion Ratio Lower Upper
 113 100
 111 100.3 82.9 124.3
 192 17.4 14.7 22.1



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

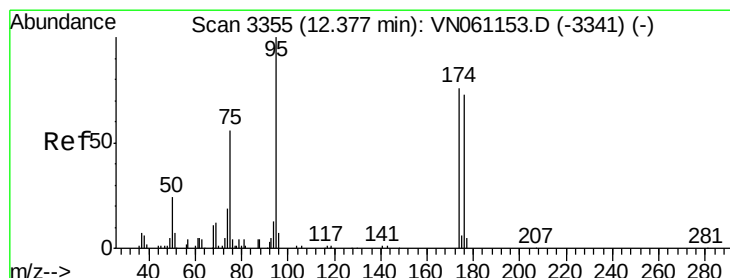
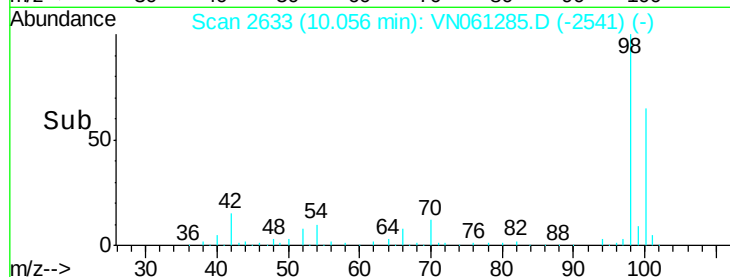
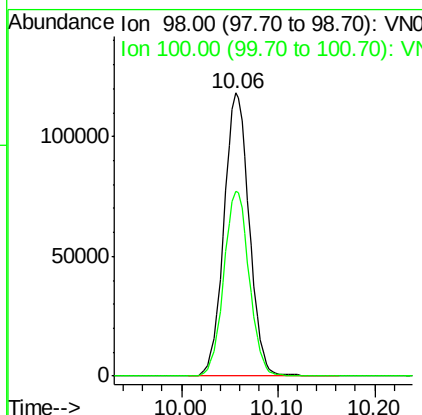
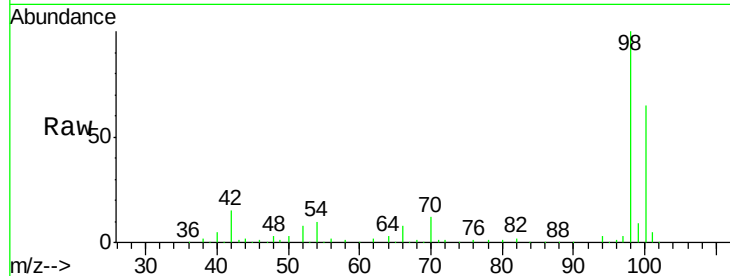




#50
Toluene-d8
Concen: 51.854 ug/l
RT: 10.06 min Scan# 2633
Delta R.T. -0.00 min
Lab File: VN061285.D
Acq: 5 May 2020 12:24

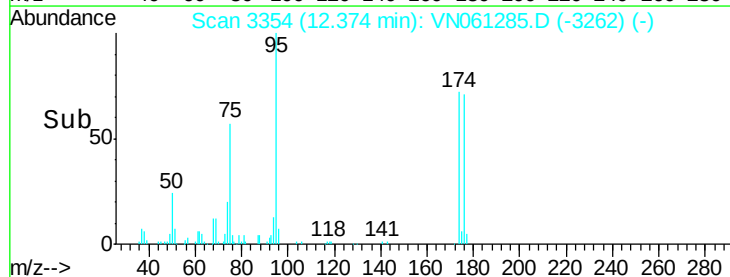
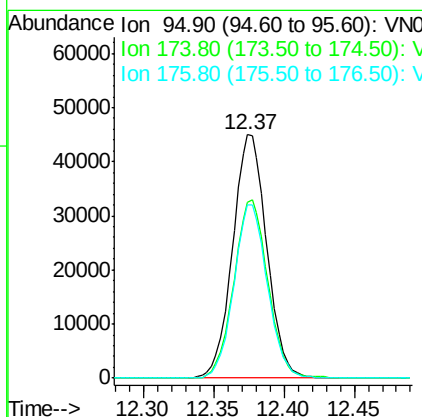
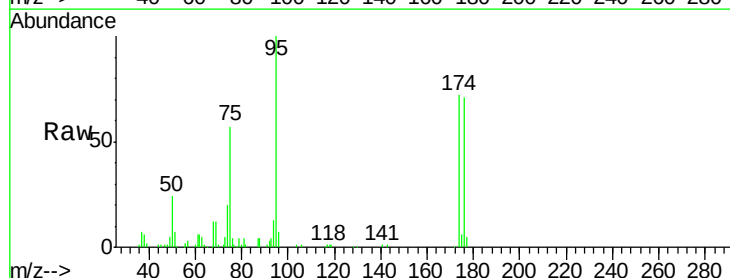
Instrument :
MSVOA_N
ClientSampled :
VN0505MBL01

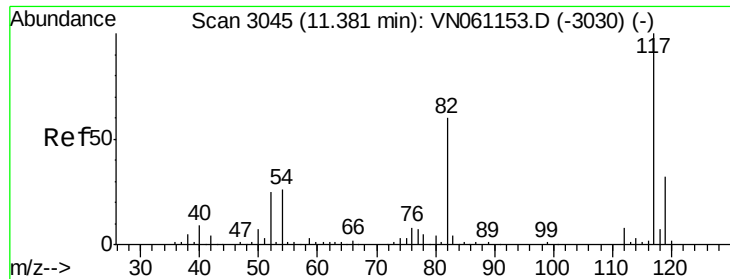
Tot Ion: 98 Resp: 214475
Ion Ratio Lower Upper
98 100
100 65.7 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 48.860 ug/l
RT: 12.37 min Scan# 3354
Delta R.T. -0.00 min
Lab File: VN061285.D
Acq: 5 May 2020 12:24

Tgt Ion: 95 Resp: 76050
Ion Ratio Lower Upper
95 100
174 73.2 0.0 149.4
176 70.0 0.0 144.8

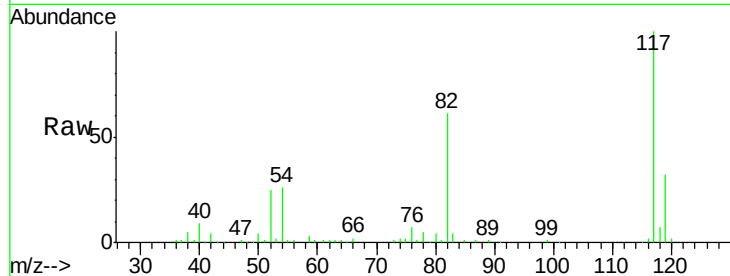




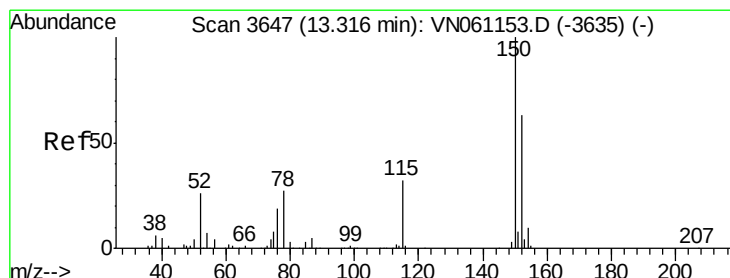
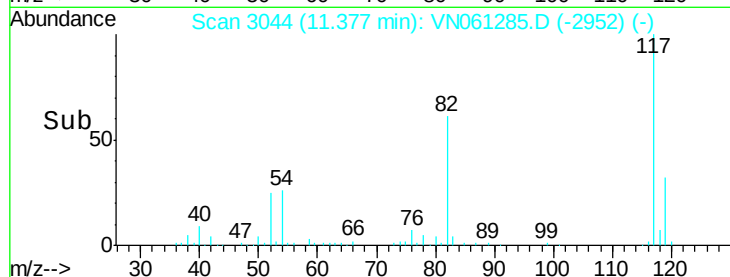
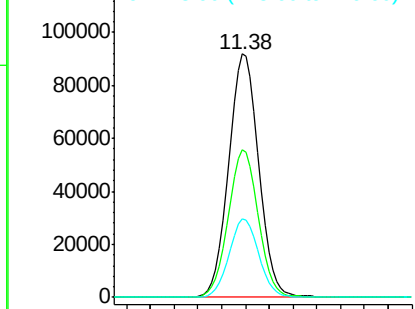
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 3044
Delta R.T. -0.00 min
Lab File: VN061285.D
Acq: 5 May 2020 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN0505MBL01

Tot Ion:117 Resp: 160921
Ion Ratio Lower Upper
117 100
82 60.5 47.8 71.8
119 32.0 25.8 38.6

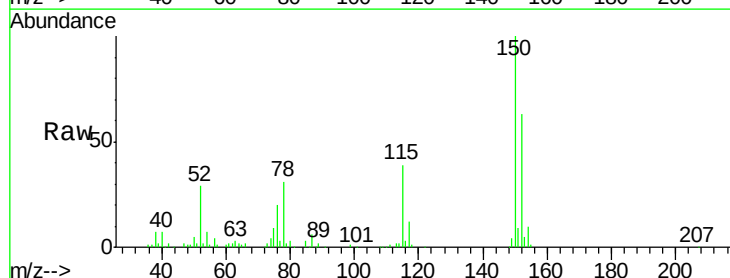


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3647
Delta R.T. 0.00 min
Lab File: VN061285.D
Acq: 5 May 2020 12:24

Tgt Ion:152 Resp: 64631
Ion Ratio Lower Upper
152 100
115 62.8 31.0 93.0
150 158.8 0.0 351.8



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

