

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN111620\
 Data File : VN064650.D
 Acq On : 16 Nov 2020 9:54
 Operator : JC/MD
 Sample : VN1116MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1116MBL01

Quant Time: Nov 17 03:59:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	229961	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	459944	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	473444	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	161550	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	222869	55.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.28%	
35) Dibromofluoromethane	7.55	113	164770	52.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.24%	
50) Toluene-d8	10.06	98	596940	49.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.64%	
62) 4-Bromofluorobenzene	12.38	95	212858	46.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.00%	

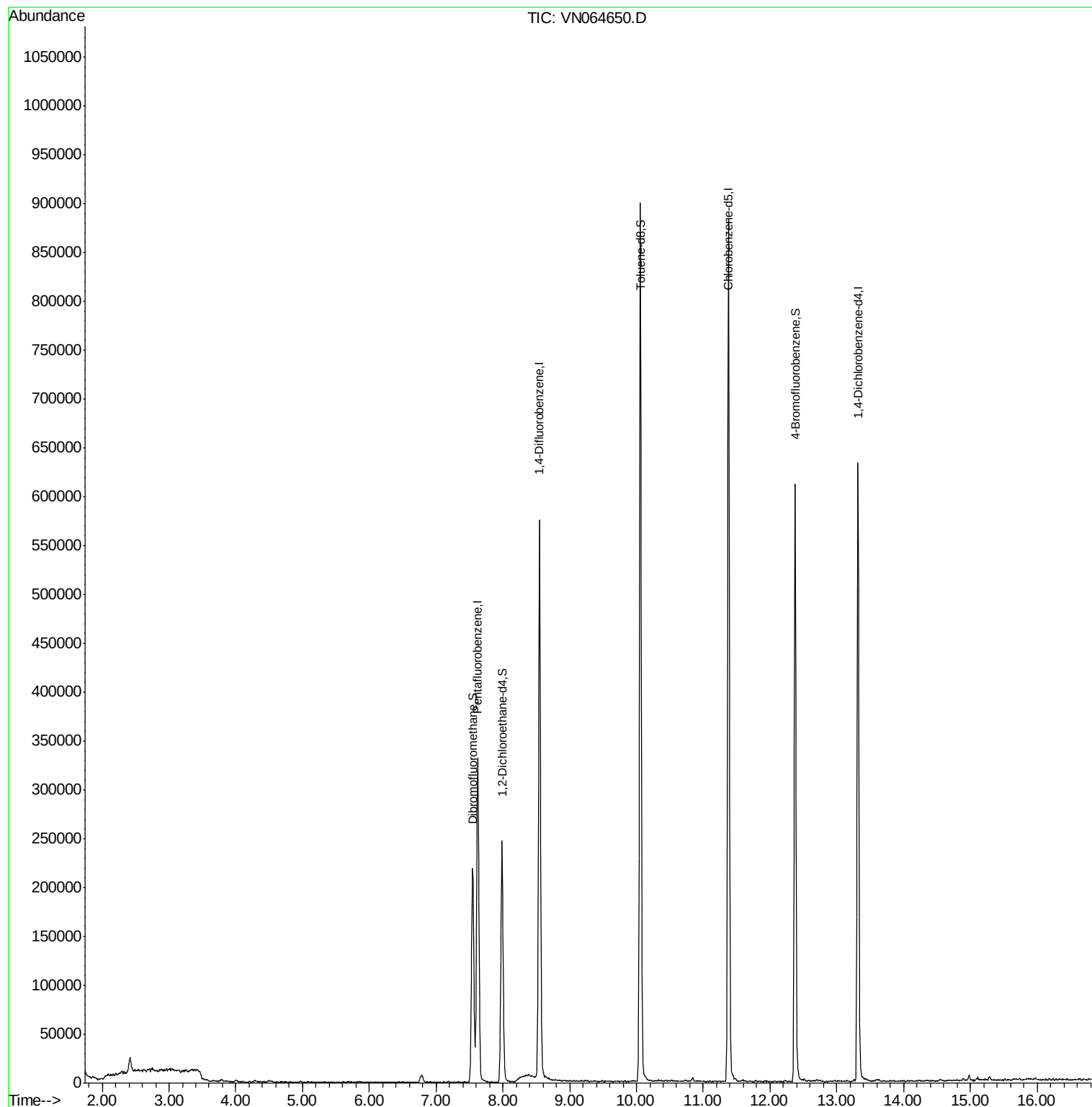
Target Compounds	Qvalue

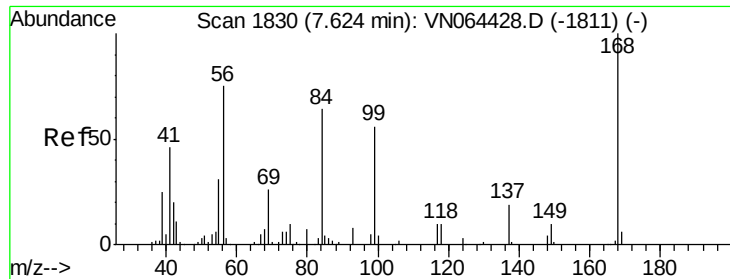
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064650.D

Acq: 16 Nov 2020 9:54

Instrument :

MSVOA_N

ClientSampled :

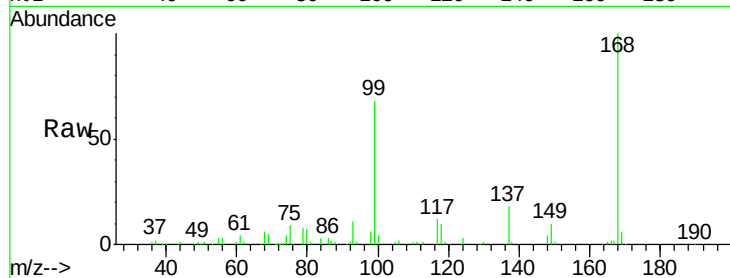
VN1116MBL01

Tot Ion:168 Resp: 229961

Ion Ratio Lower Upper

168 100

99 68.4 53.4 80.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

100000

80000

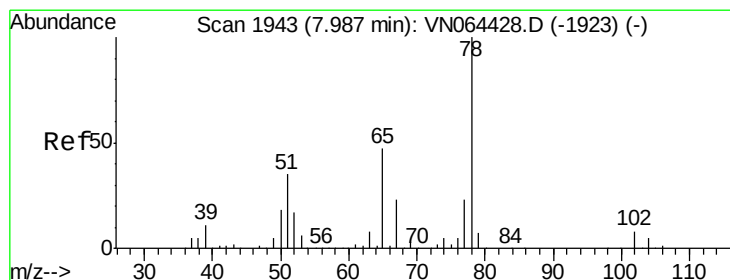
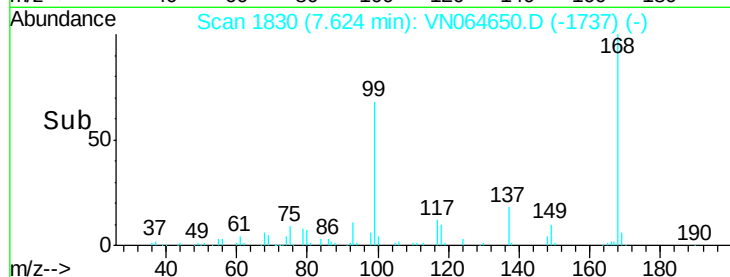
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#33

1,2-Dichloroethane-d4

Concen: 55.640 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN064650.D

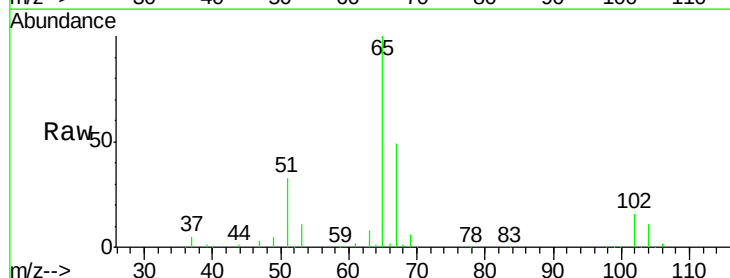
Acq: 16 Nov 2020 9:54

Tgt Ion: 65 Resp: 222869

Ion Ratio Lower Upper

65 100

67 49.0 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

7.99

100000

80000

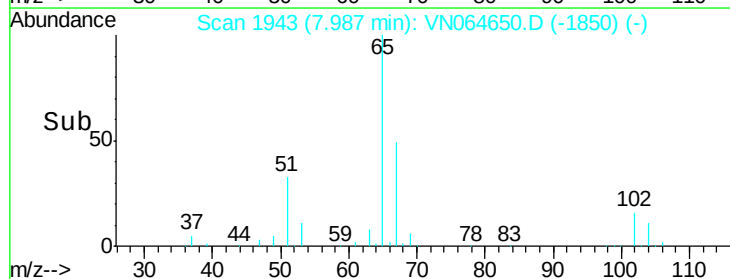
60000

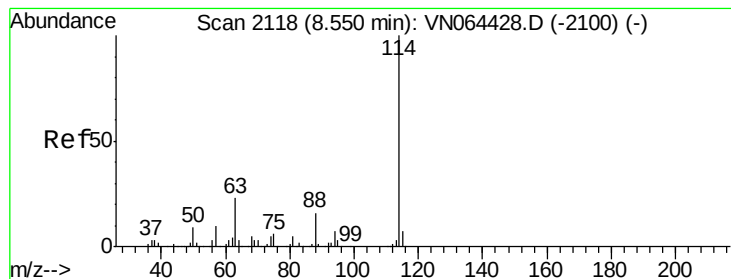
40000

20000

0

Time--> 7.90 8.00 8.10





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2117

Delta R.T. -0.00 min

Lab File: VN064650.D

Acq: 16 Nov 2020 9:54

Instrument :

MSVOA_N

ClientSampleId :

VN1116MBL01

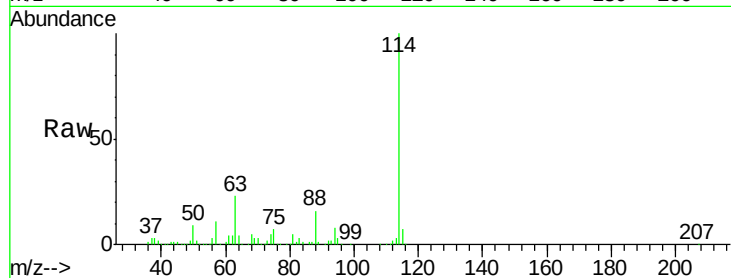
Tot Ion:114 Resp: 459944

Ion Ratio Lower Upper

114 100

63 23.2 0.0 45.6

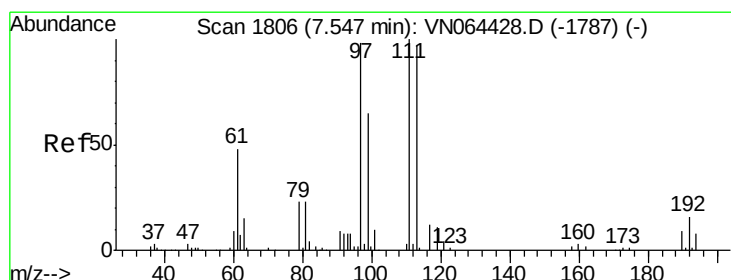
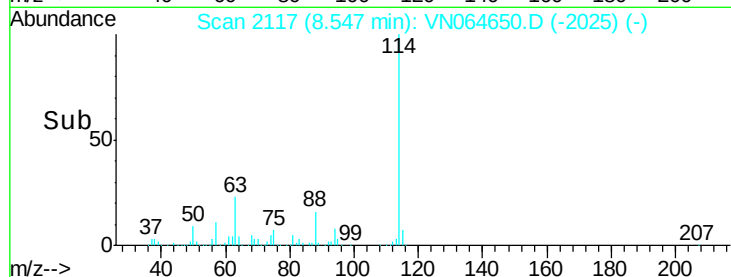
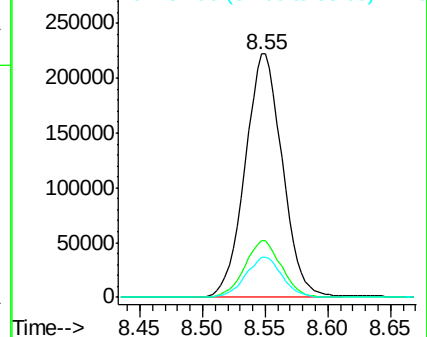
88 16.2 0.0 32.8



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: 52.616 ug/l

RT: 7.55 min Scan# 1806

Delta R.T. -0.00 min

Lab File: VN064650.D

Acq: 16 Nov 2020 9:54

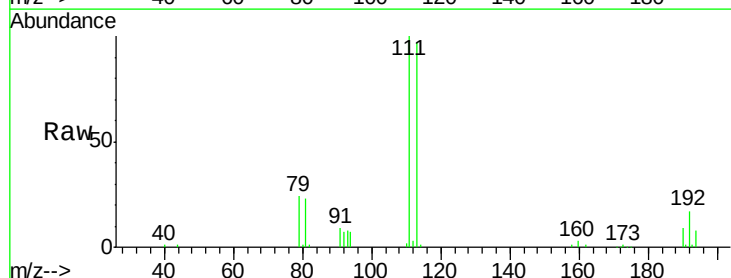
Tgt Ion:113 Resp: 164770

Ion Ratio Lower Upper

113 100

111 102.4 81.1 121.7

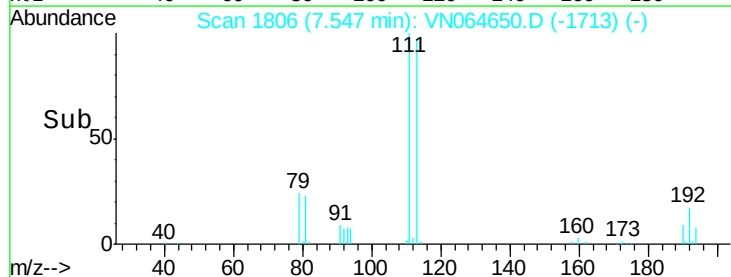
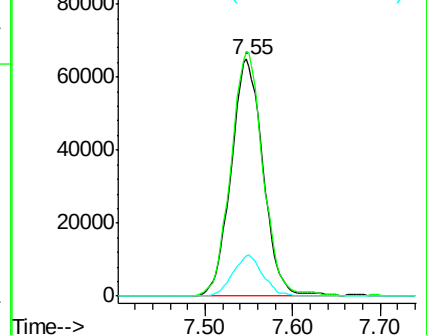
192 16.2 12.8 19.2

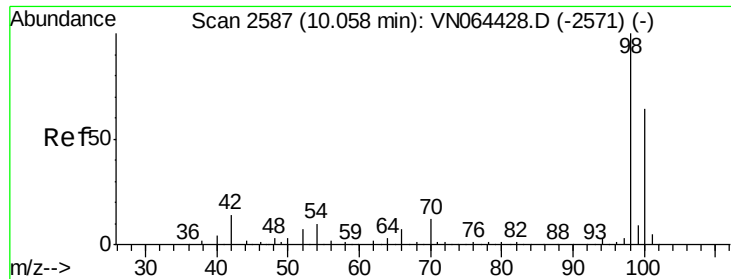


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

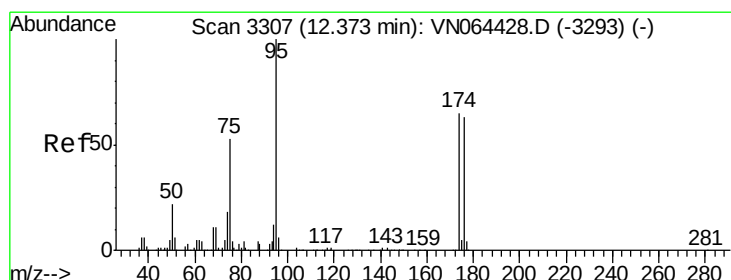
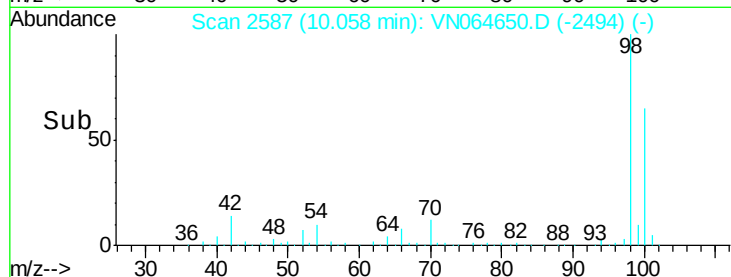
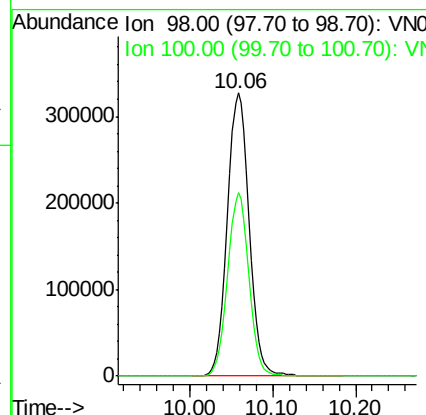
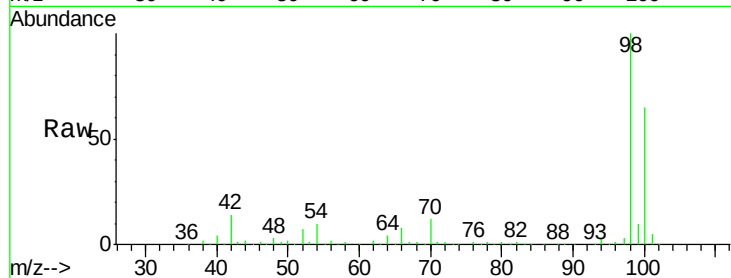




#50
Toluene-d8
Concen: 49.319 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN064650.D
Acq: 16 Nov 2020 9:54

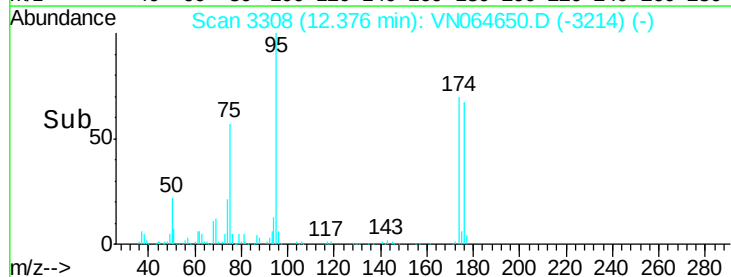
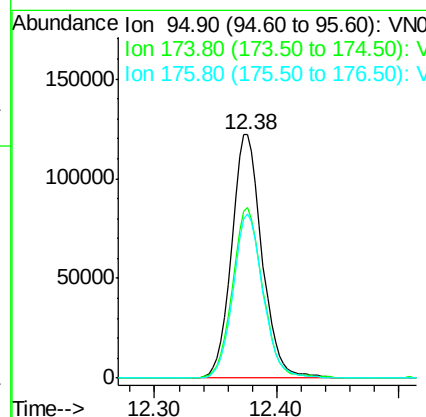
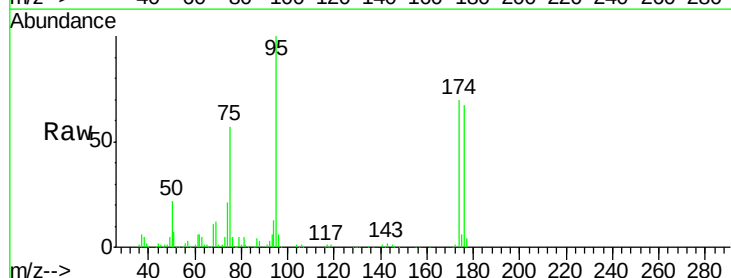
Instrument :
MSVOA_N
ClientSampleId :
VN1116MBL01

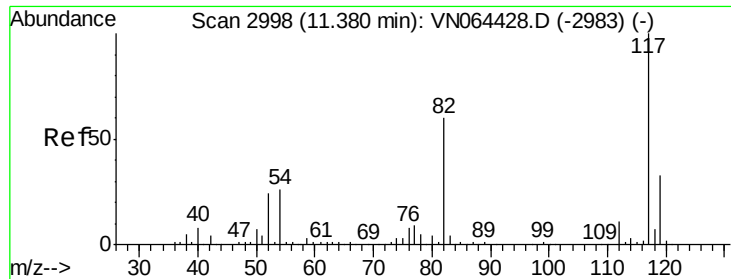
Tot Ion: 98 Resp: 596940
Ion Ratio Lower Upper
98 100
100 62.8 50.7 76.1



#62
4-Bromofluorobenzene
Concen: 46.502 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064650.D
Acq: 16 Nov 2020 9:54

Tgt Ion: 95 Resp: 212858
Ion Ratio Lower Upper
95 100
174 69.8 0.0 132.6
176 66.5 0.0 129.2

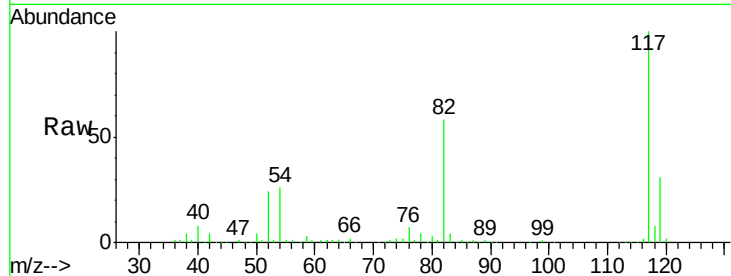




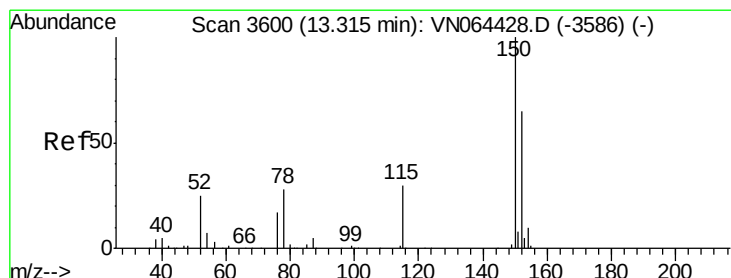
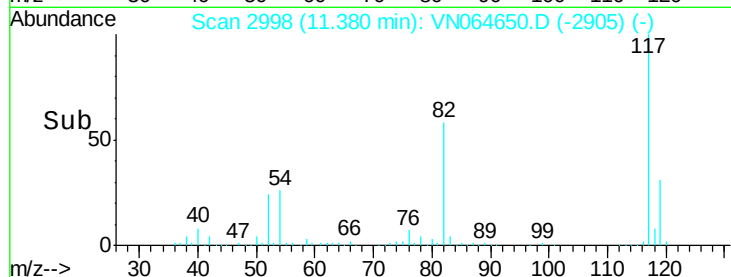
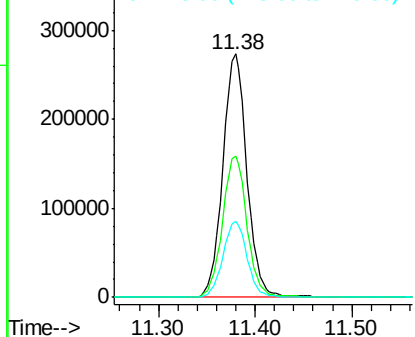
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064650.D
Acq: 16 Nov 2020 9:54

Instrument :
MSVOA_N
ClientSampled :
VN1116MBL01

Tot Ion:117 Resp: 473444
Ion Ratio Lower Upper
117 100
82 57.8 48.1 72.1
119 31.0 26.2 39.4

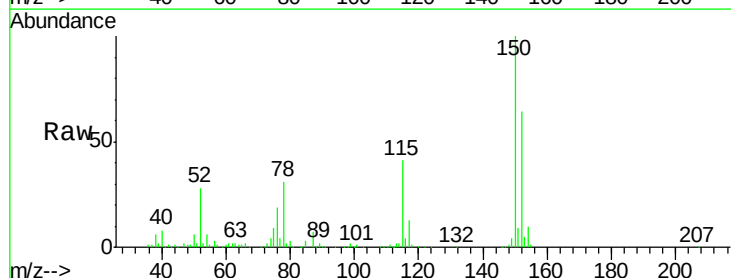


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064650.D
Acq: 16 Nov 2020 9:54

Tgt Ion:152 Resp: 161550
Ion Ratio Lower Upper
152 100
115 65.4 32.0 96.0
150 159.8 0.0 353.8



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

