

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111620\
 Data File : VN064651.D
 Acq On : 16 Nov 2020 10:18
 Operator : JC/MD
 Sample : VN1116WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1116WBL01

Quant Time: Nov 17 04:02:04 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	7.63	168	234324	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	475953	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	506777	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	186034	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	234083	57.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.70%	
35) Dibromofluoromethane	7.55	113	170580	52.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.28%	
50) Toluene-d8	10.06	98	625195	49.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.84%	
62) 4-Bromofluorobenzene	12.38	95	235431	49.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.40%	

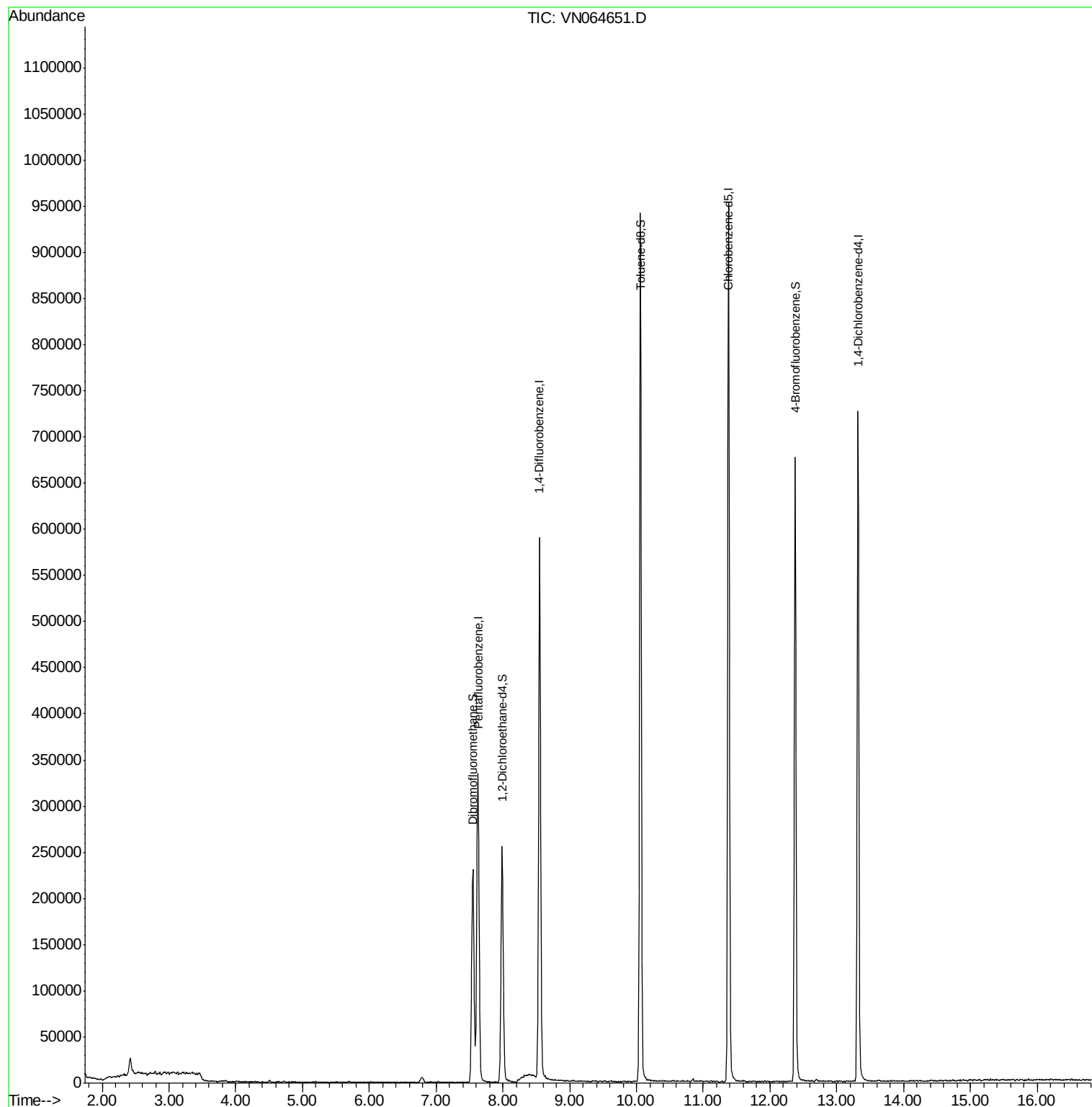
Target Compounds	Qvalue
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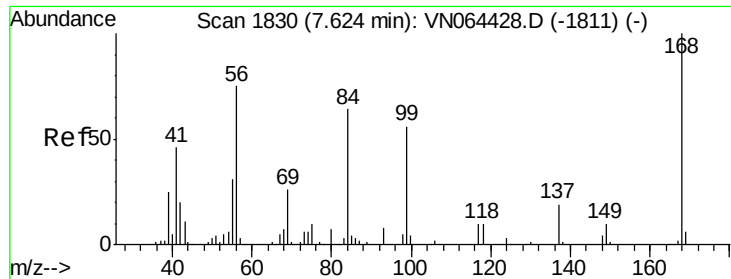
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN064651.D

Acq: 16 Nov 2020 10:18

Instrument :

MSVOA_N

ClientSampleId :

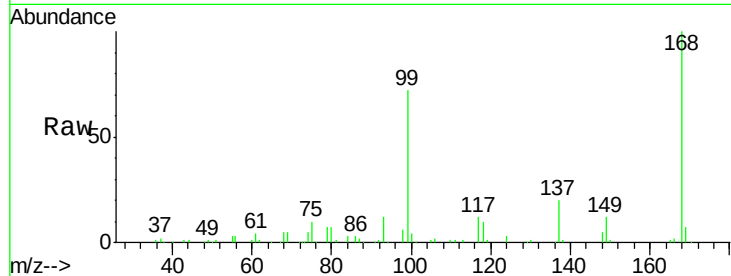
VN1116WBL01

Tot Ion:168 Resp: 234324

Ion Ratio Lower Upper

168 100

99 71.5 53.4 80.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

100000

80000

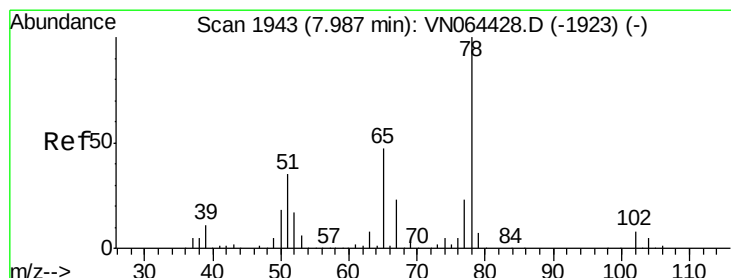
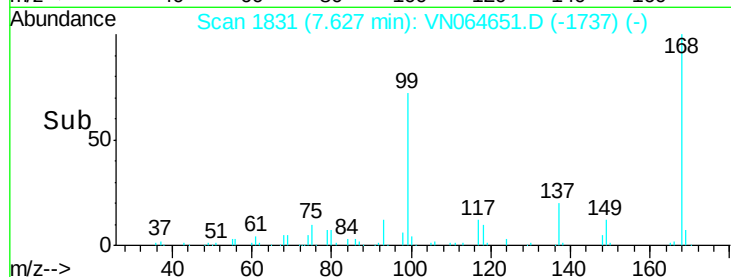
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#33

1,2-Dichloroethane-d4

Concen: 57.351 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN064651.D

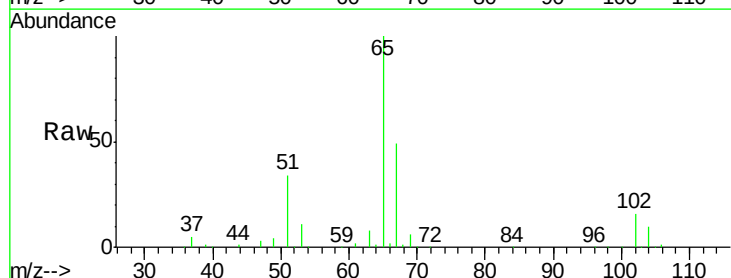
Acq: 16 Nov 2020 10:18

Tgt Ion: 65 Resp: 234083

Ion Ratio Lower Upper

65 100

67 49.7 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

7.99

100000

80000

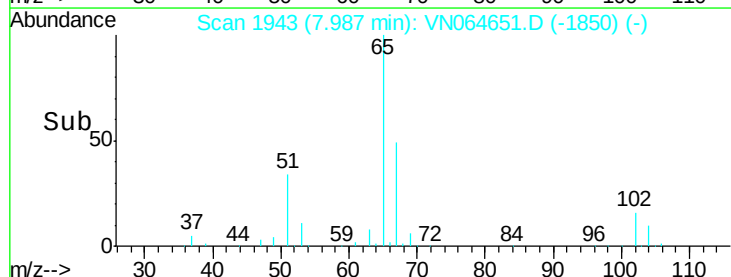
60000

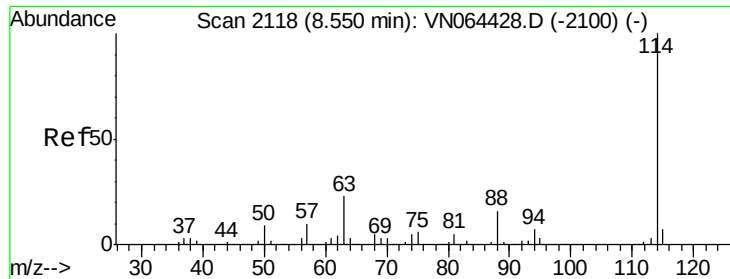
40000

20000

0

Time--> 7.90 7.95 8.00 8.05 8.10

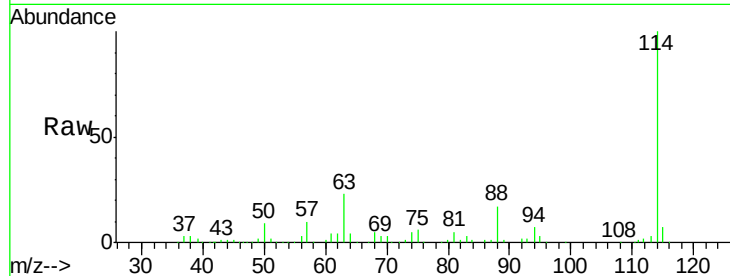




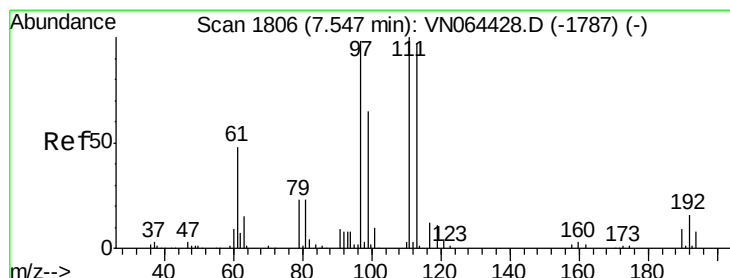
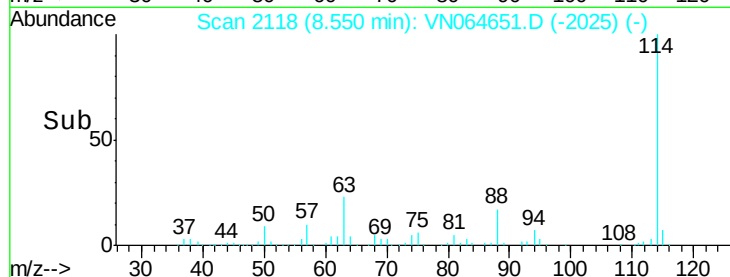
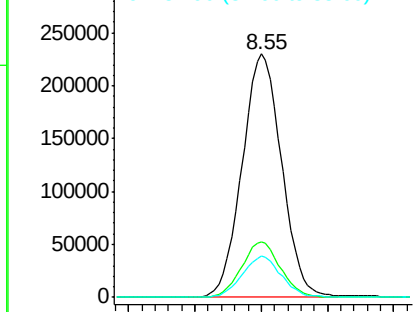
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VN064651.D
Acq: 16 Nov 2020 10:18

Instrument :
MSVOA_N
ClientSampleId :
VN1116WBL01

Tot Ion:114 Resp: 475953
Ion Ratio Lower Upper
114 100
63 22.9 0.0 45.6
88 16.9 0.0 32.8

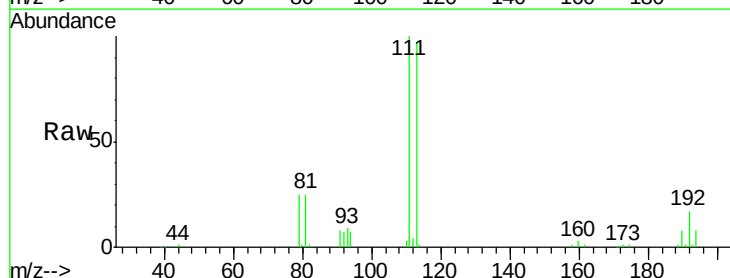


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

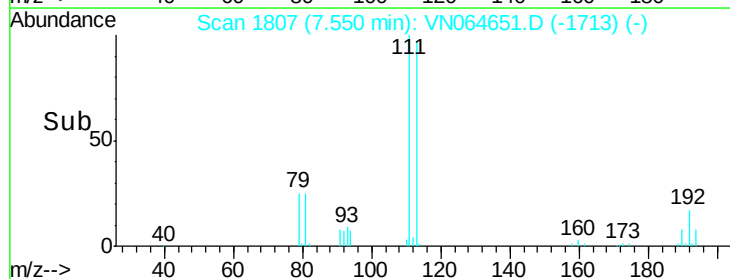
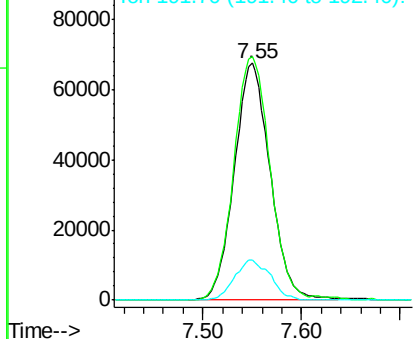


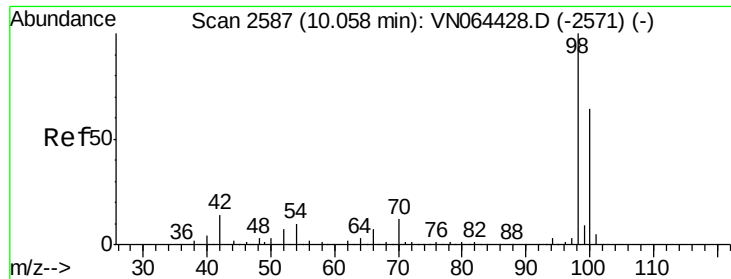
#35
Dibromofluoromethane
Concen: 52.639 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN064651.D
Acq: 16 Nov 2020 10:18

Tgt Ion:113 Resp: 170580
Ion Ratio Lower Upper
113 100
111 103.7 81.1 121.7
192 17.0 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

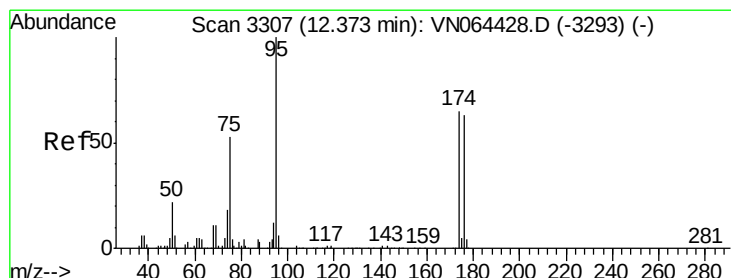
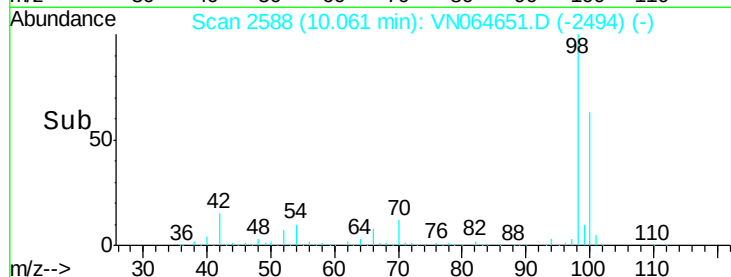
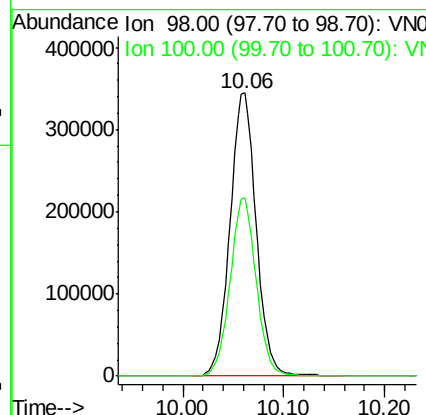
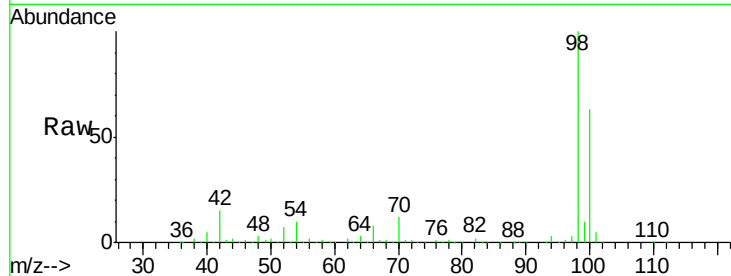




#50
Toluene-d8
Concen: 49.916 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN064651.D
Acq: 16 Nov 2020 10:18

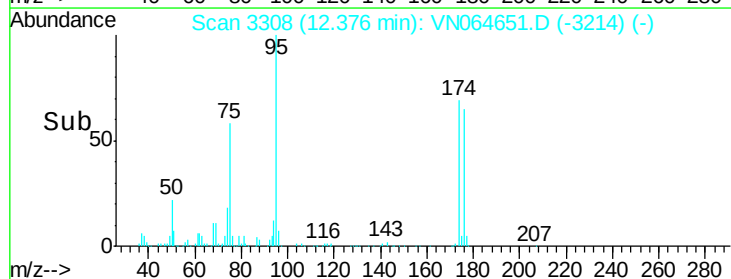
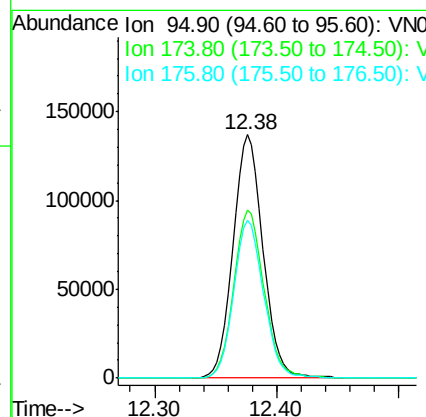
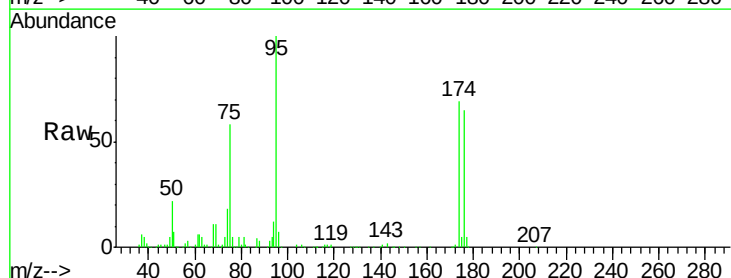
Instrument :
MSVOA_N
ClientSampleId :
VN1116WBL01

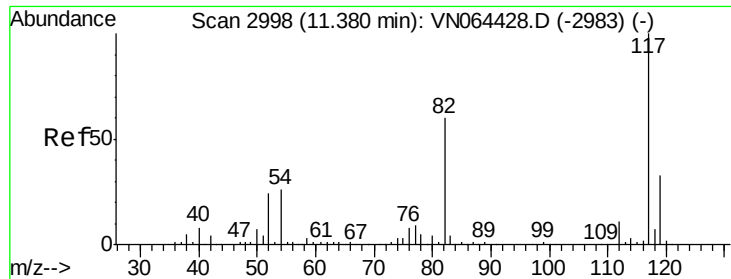
Tot Ion: 98 Resp: 625195
Ion Ratio Lower Upper
98 100
100 62.7 50.7 76.1



#62
4-Bromofluorobenzene
Concen: 49.703 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064651.D
Acq: 16 Nov 2020 10:18

Tgt Ion: 95 Resp: 235431
Ion Ratio Lower Upper
95 100
174 69.6 0.0 132.6
176 64.8 0.0 129.2

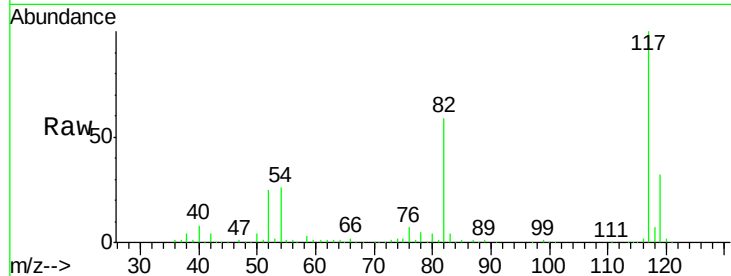




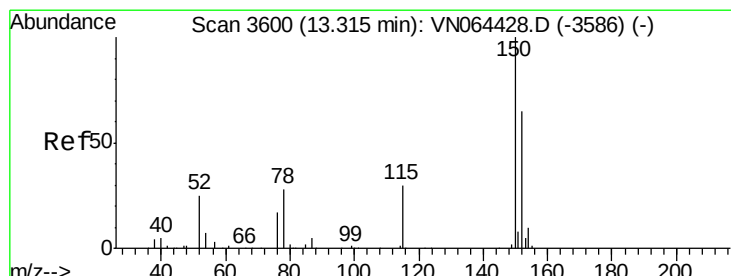
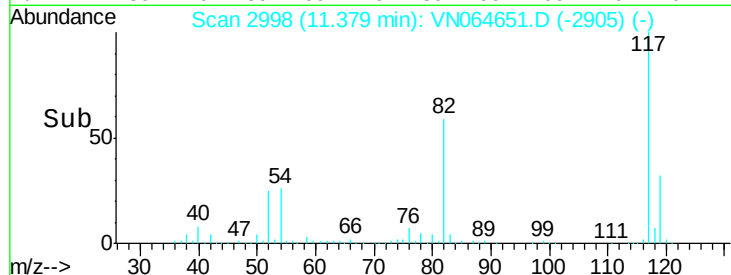
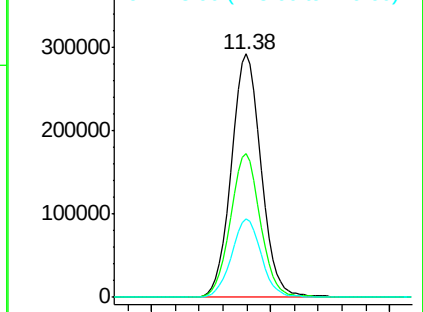
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064651.D
Acq: 16 Nov 2020 10:18

Instrument :
MSVOA_N
ClientSampleId :
VN1116WBL01

Tot Ion:117 Resp: 506777
Ion Ratio Lower Upper
117 100
82 59.3 48.1 72.1
119 32.1 26.2 39.4

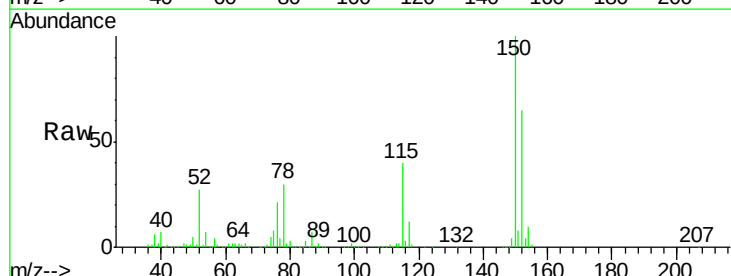


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064651.D
Acq: 16 Nov 2020 10:18

Tgt Ion:152 Resp: 186034
Ion Ratio Lower Upper
152 100
115 63.5 32.0 96.0
150 156.0 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

