

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111220\
 Data File : VN064573.D
 Acq On : 12 Nov 2020 11:52
 Operator : JC/MD
 Sample : VN1112WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1112WBL01

Quant Time: Nov 13 03:16:40 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	226812	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	469590	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	489251	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	175496	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	228462	57.83	ug/l	0.00
Spiked Amount			Recovery	=	115.66%	
35) Dibromofluoromethane	7.55	113	168738	52.78	ug/l	0.00
Spiked Amount			Recovery	=	105.56%	
50) Toluene-d8	10.06	98	608764	49.26	ug/l	0.00
Spiked Amount			Recovery	=	98.52%	
62) 4-Bromofluorobenzene	12.38	95	223257	47.77	ug/l	0.00
Spiked Amount			Recovery	=	95.54%	

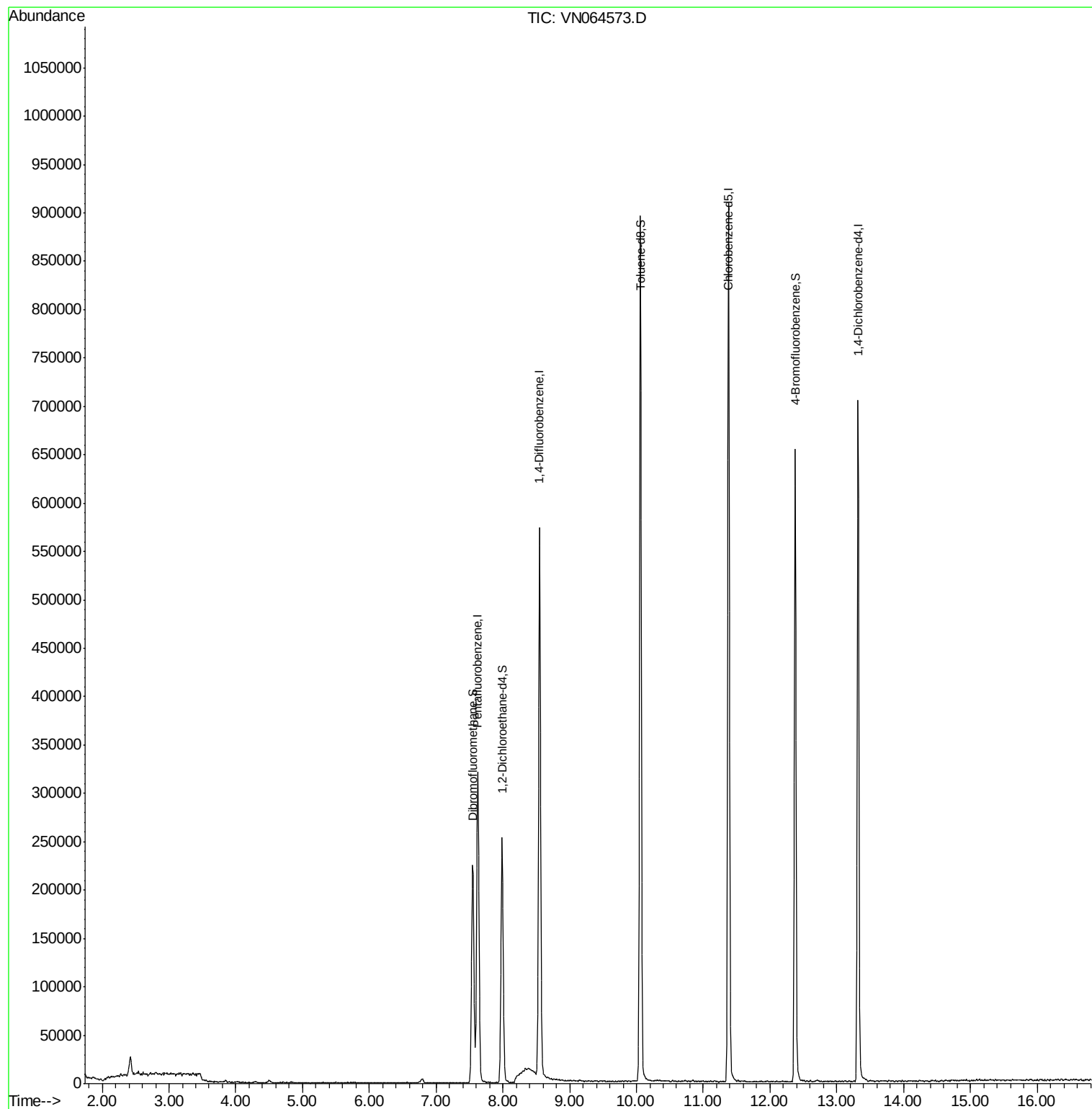
Target Compounds	Qvalue
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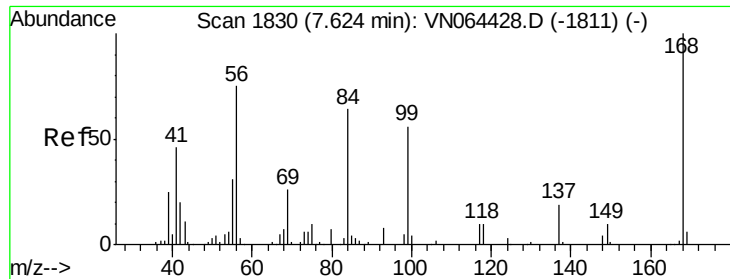
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Nov 04 12:09:03 2020
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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: VN064573.D

Acq: 12 Nov 2020 11:52

Instrument :

MSVOA_N

ClientSampled :

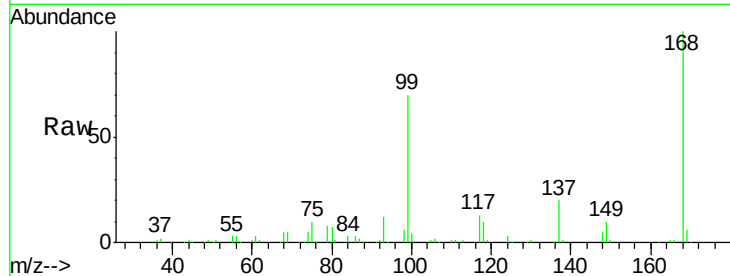
VN1112WBL01

Tot Ion:168 Resp: 226812

Ion Ratio Lower Upper

168 100

99 69.8 53.4 80.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.62

100000

80000

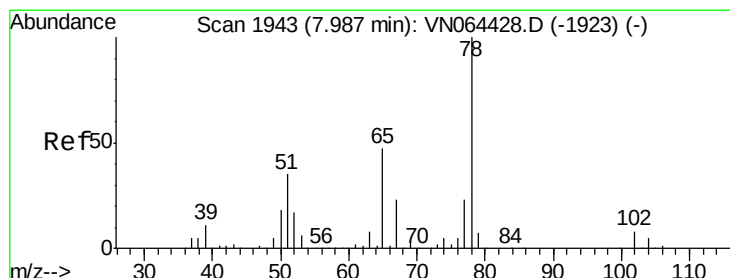
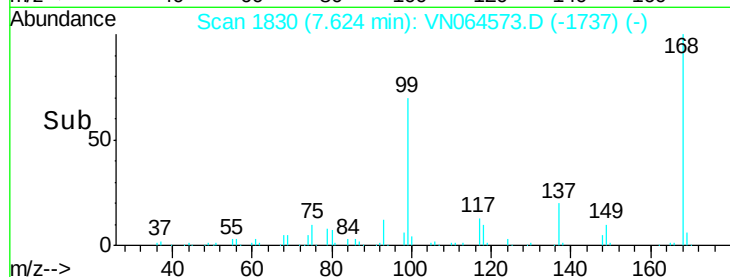
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#33

1,2-Dichloroethane-d4

Concen: 57.828 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN064573.D

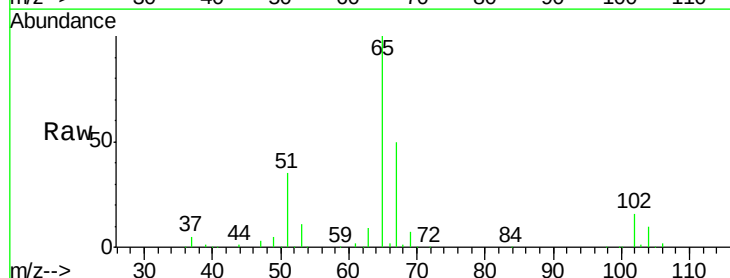
Acq: 12 Nov 2020 11:52

Tgt Ion: 65 Resp: 228462

Ion Ratio Lower Upper

65 100

67 49.3 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

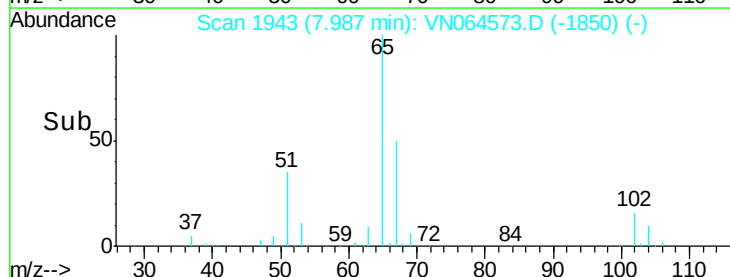
60000

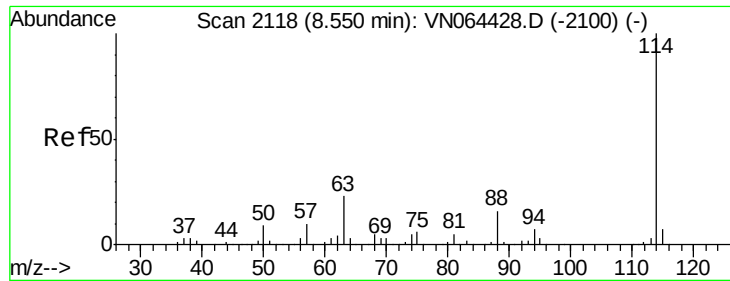
40000

20000

0

Time--> 7.90 8.00 8.10

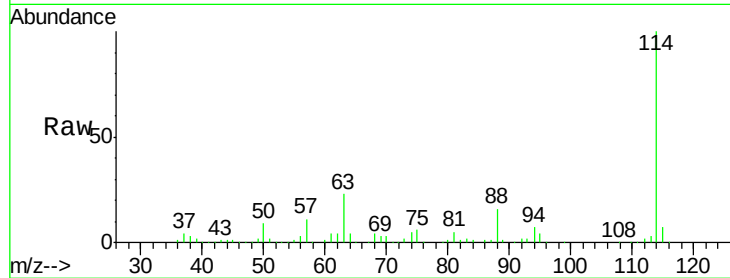




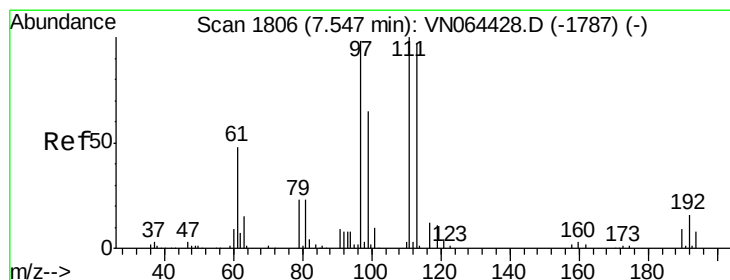
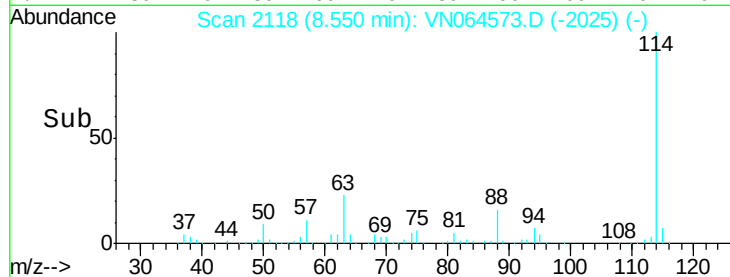
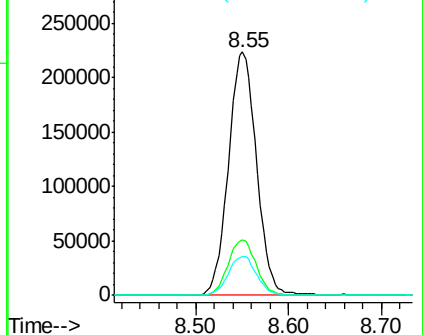
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN064573.D
 Acq: 12 Nov 2020 11:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1112WBL01

Tot Ion:114 Resp: 469590
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 45.6
 88 15.8 0.0 32.8

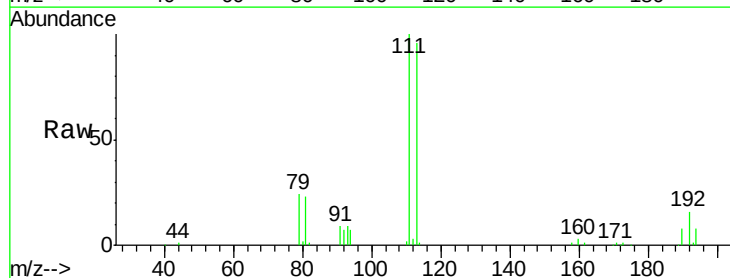


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

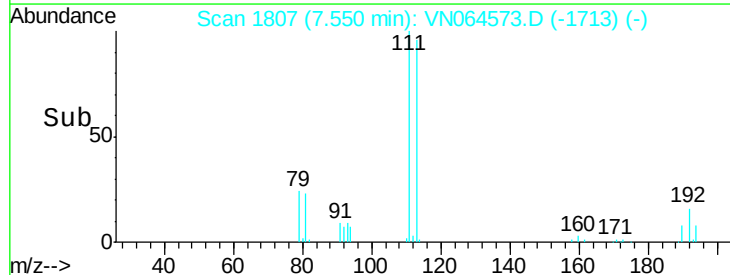
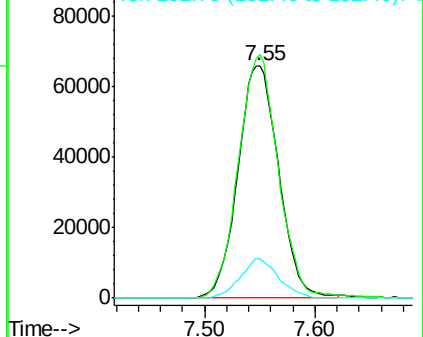


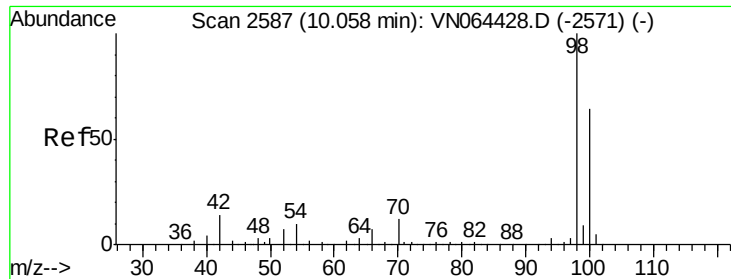
#35
 Dibromofluoromethane
 Concen: 52.776 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064573.D
 Acq: 12 Nov 2020 11:52

Tgt Ion:113 Resp: 168738
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.1 121.7
 192 15.9 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

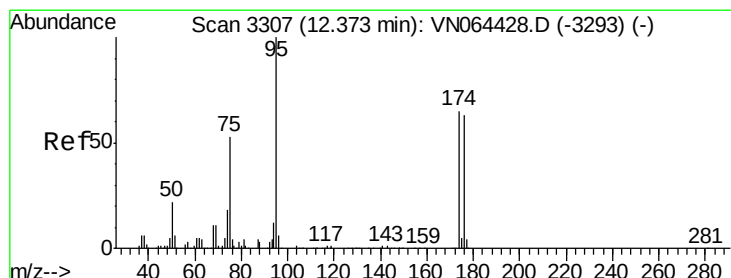
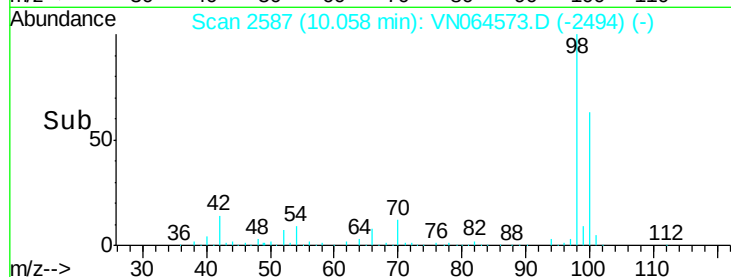
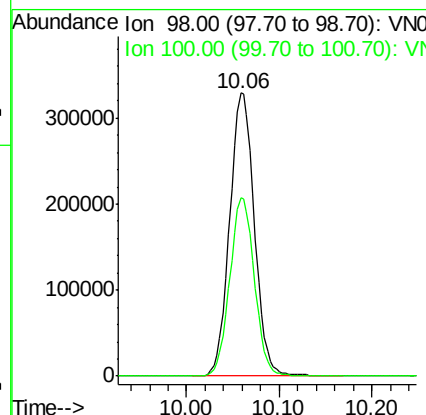
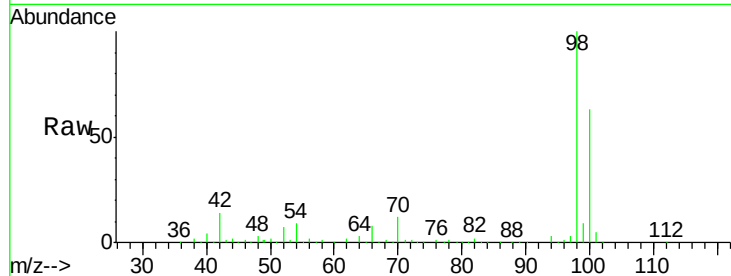




#50
Toluene-d8
Concen: 49.263 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN064573.D
Acq: 12 Nov 2020 11:52

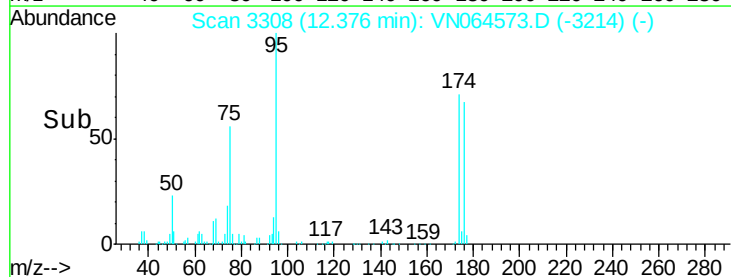
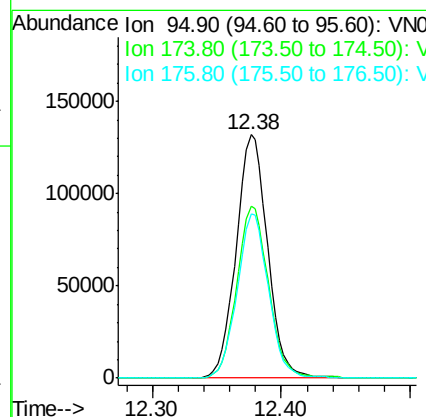
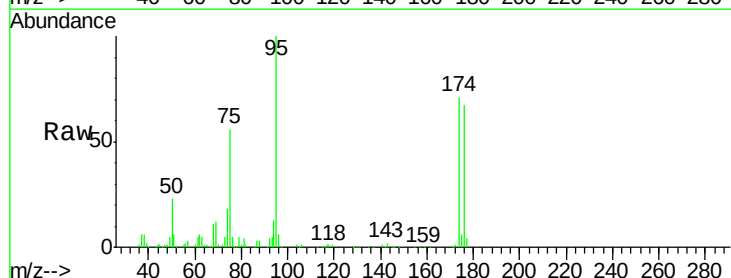
Instrument :
MSVOA_N
ClientSampleId :
VN1112WBL01

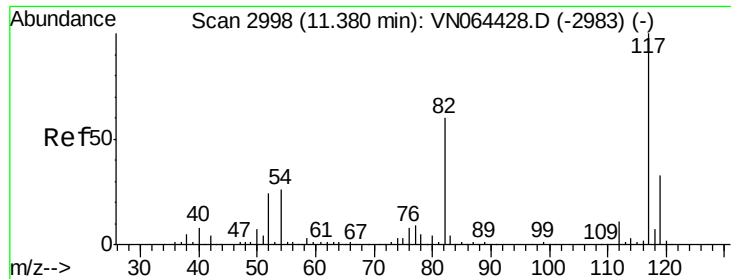
Tot Ion: 98 Resp: 608764
Ion Ratio Lower Upper
98 100
100 62.7 50.7 76.1



#62
4-Bromofluorobenzene
Concen: 47.772 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064573.D
Acq: 12 Nov 2020 11:52

Tgt Ion: 95 Resp: 223257
Ion Ratio Lower Upper
95 100
174 71.7 0.0 132.6
176 67.5 0.0 129.2

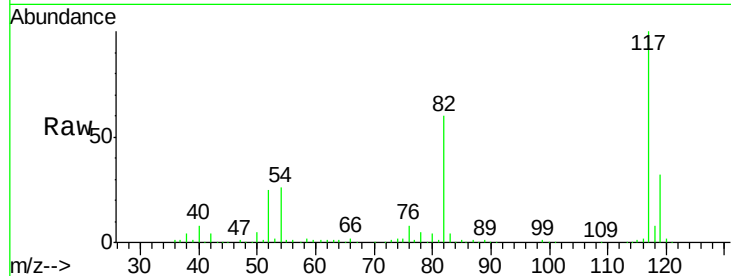




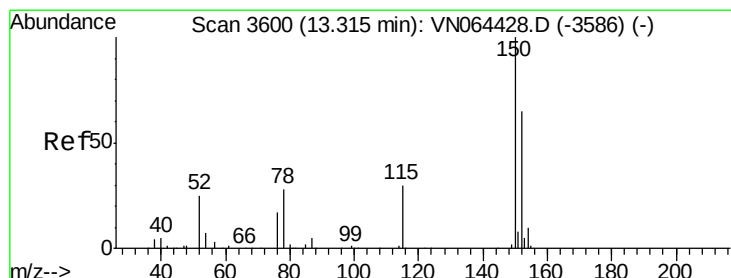
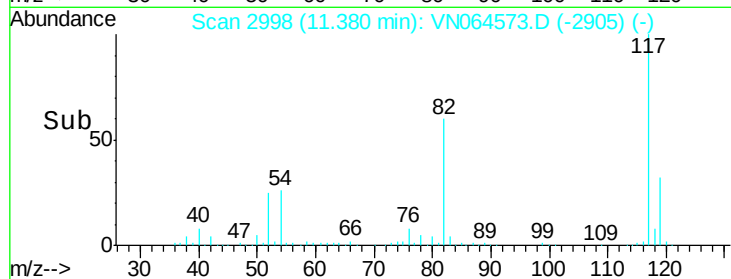
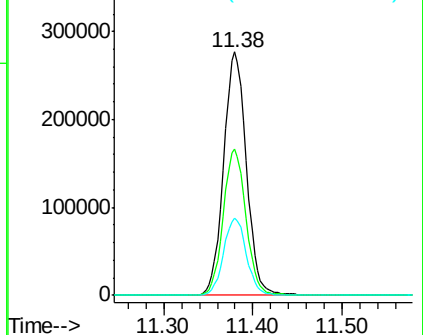
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064573.D
Acq: 12 Nov 2020 11:52

Instrument :
MSVOA_N
ClientSampleId :
VN1112WBL01

Tot Ion:117 Resp: 489251
Ion Ratio Lower Upper
117 100
82 60.2 48.1 72.1
119 31.6 26.2 39.4

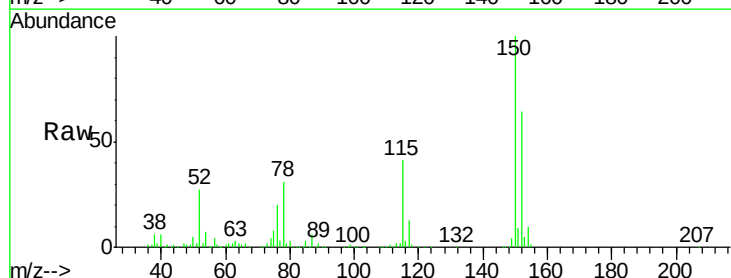


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064573.D
Acq: 12 Nov 2020 11:52

Tgt Ion:152 Resp: 175496
Ion Ratio Lower Upper
152 100
115 65.0 32.0 96.0
150 156.5 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

