

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100120\
 Data File : VN063774.D
 Acq On : 1 Oct 2020 16:10
 Operator : JC/MD
 Sample : L4190-21
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
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Quant Time: Oct 02 02:56:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	220426	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	405918	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	417725	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	170970	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	188487	51.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.52%	
35) Dibromofluoromethane	7.55	113	135075	47.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.92%	
50) Toluene-d8	10.06	98	517123	48.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.86%	
62) 4-Bromofluorobenzene	12.38	95	204821	51.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.06%	

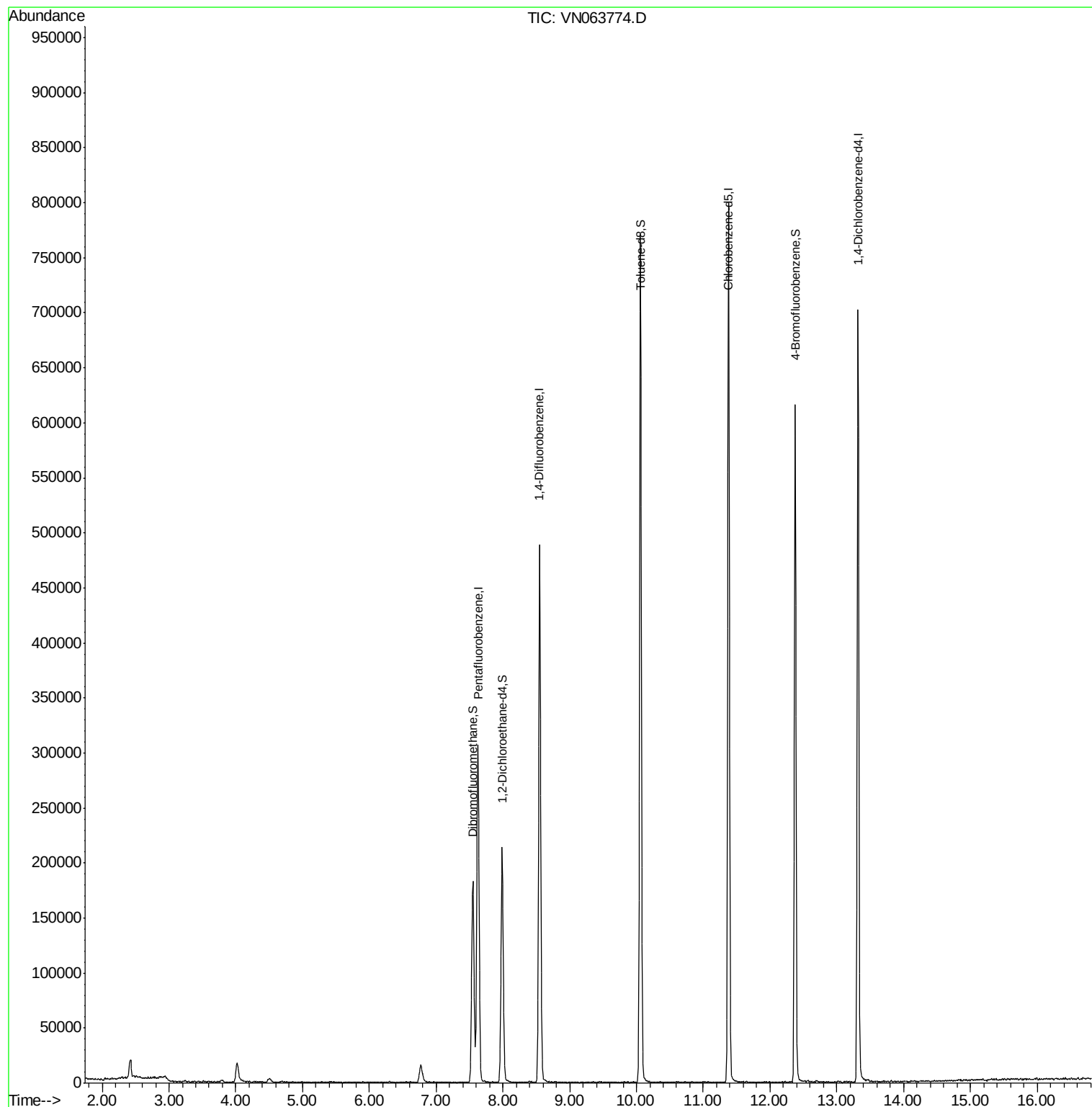
Target Compounds	Qvalue
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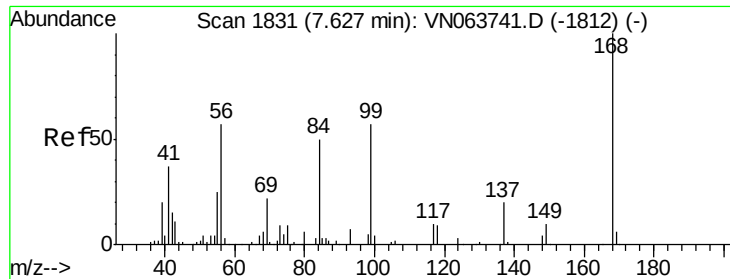
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN063774.D

Acq: 1 Oct 2020 16:10

Instrument :

MSVOA_N

ClientSampled :

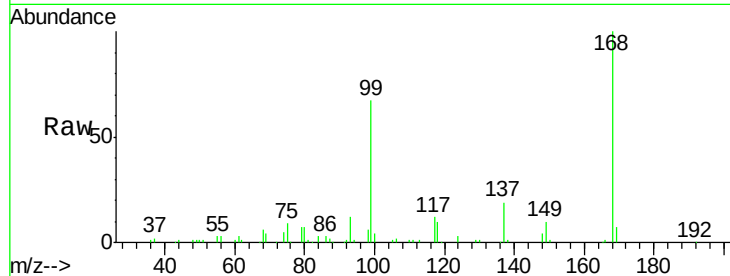
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Tot Ion:168 Resp: 220426

Ion Ratio Lower Upper

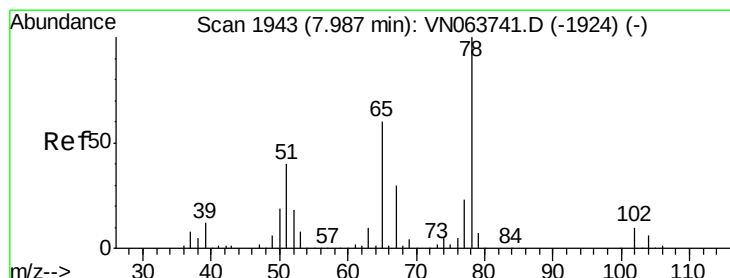
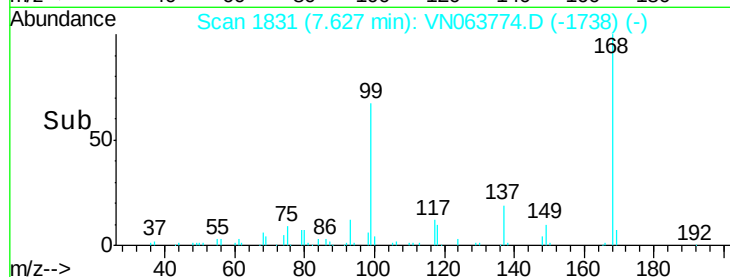
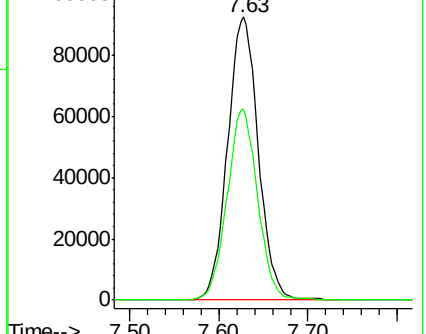
168 100

99 67.5 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#33

1,2-Dichloroethane-d4

Concen: 51.760 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN063774.D

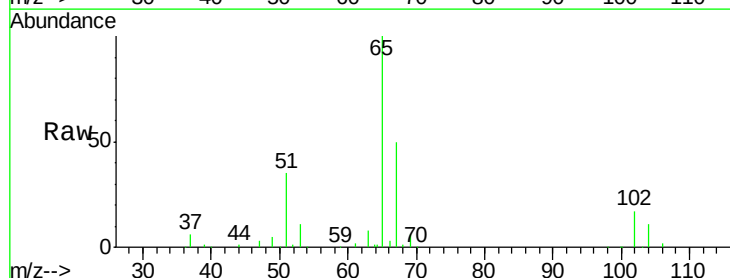
Acq: 1 Oct 2020 16:10

Tgt Ion: 65 Resp: 188487

Ion Ratio Lower Upper

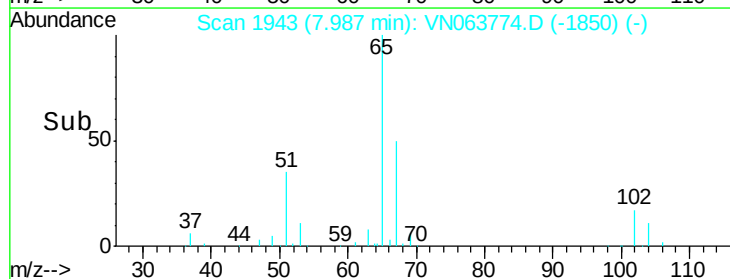
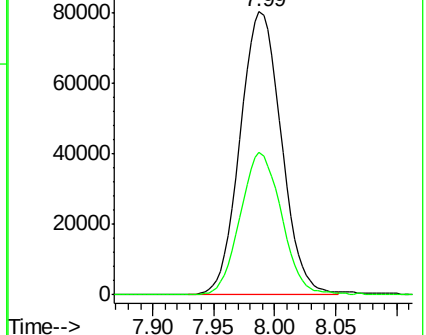
65 100

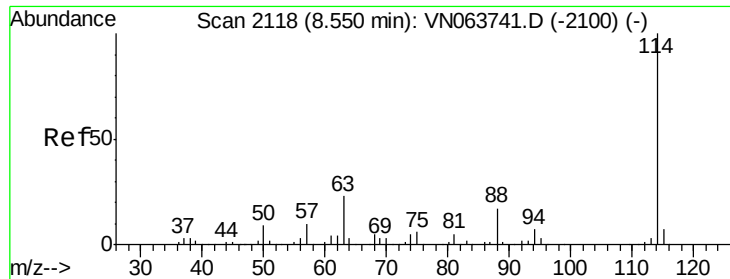
67 50.3 0.0 99.6



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

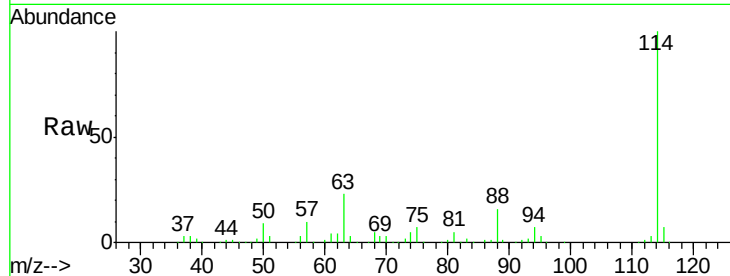




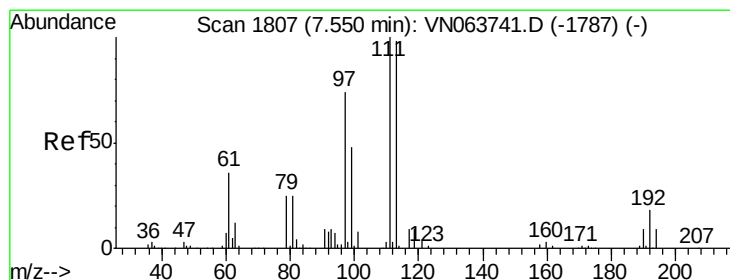
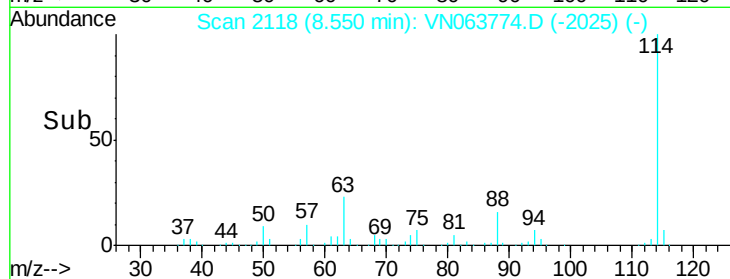
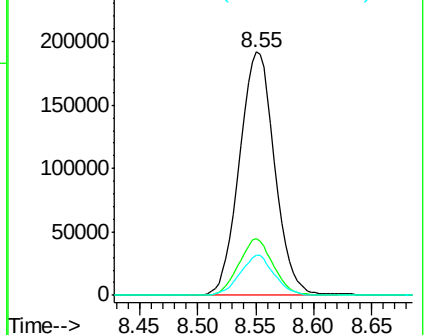
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN063774.D
Acq: 1 Oct 2020 16:10

Instrument :
MSVOA_N
ClientSampleId :
FIELD-BLANK

Tot Ion:114 Resp: 405918
Ion Ratio Lower Upper
114 100
63 23.3 0.0 45.0
88 16.4 0.0 34.0

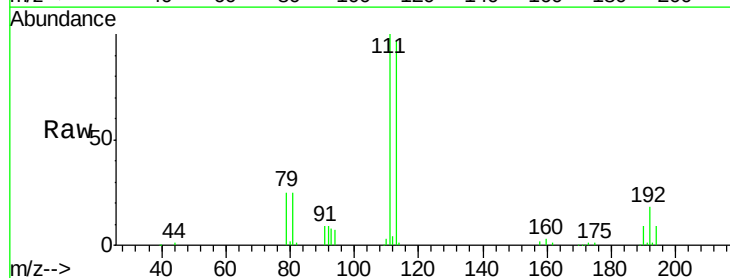


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

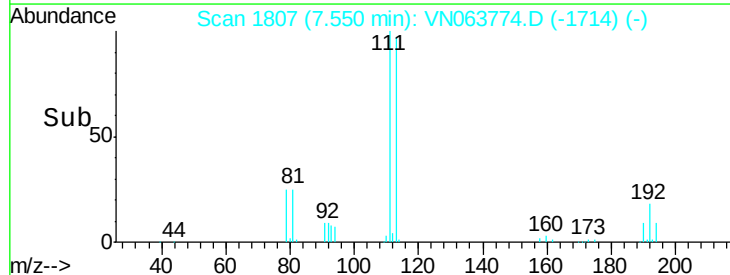
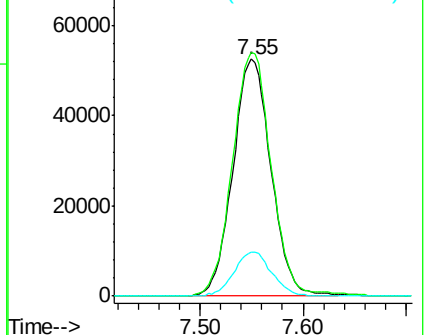


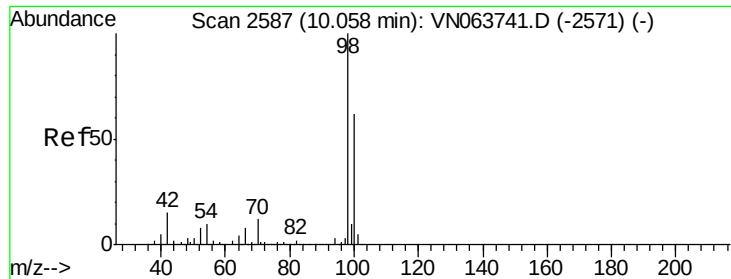
#35
Dibromofluoromethane
Concen: 47.957 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN063774.D
Acq: 1 Oct 2020 16:10

Tgt Ion:113 Resp: 135075
Ion Ratio Lower Upper
113 100
111 103.7 81.8 122.8
192 18.5 14.2 21.2



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

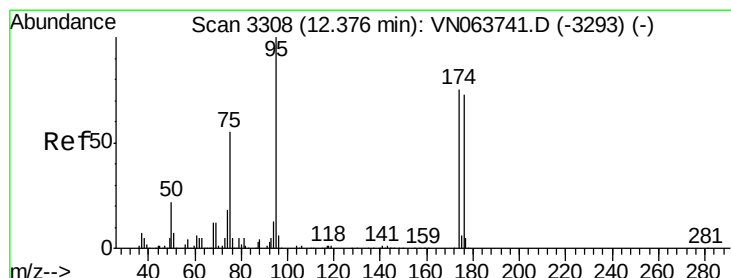
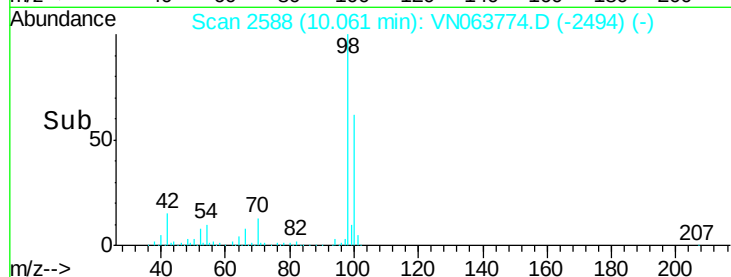
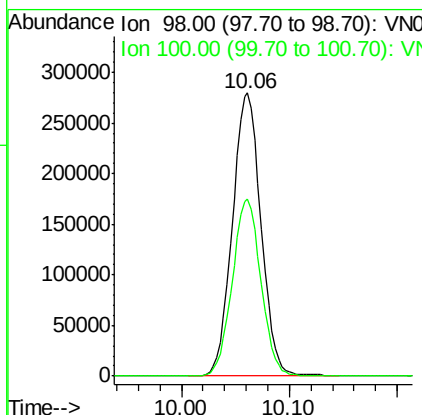
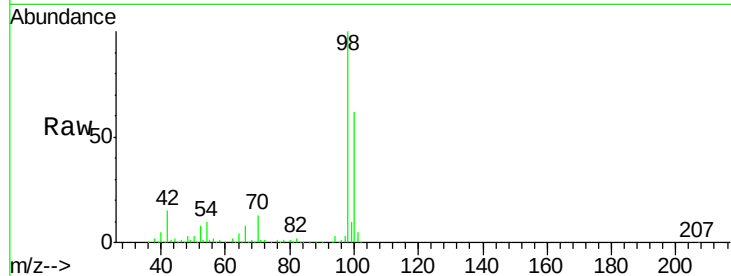




#50
Toluene-d8
Concen: 48.432 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN063774.D
Acq: 1 Oct 2020 16:10

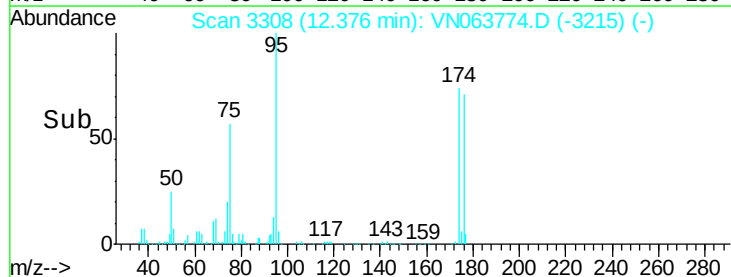
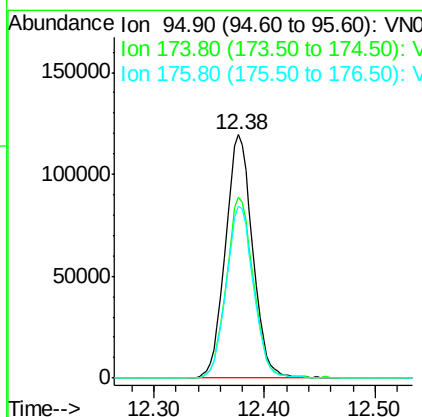
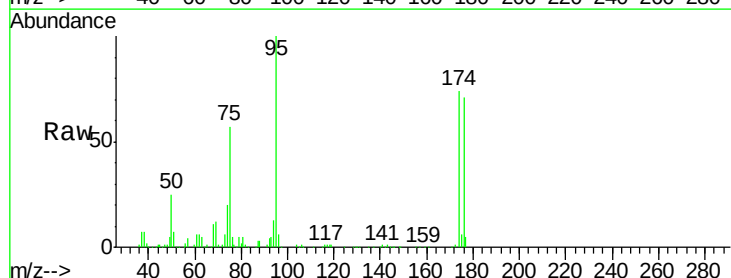
Instrument :
MSVOA_N
ClientSampled :
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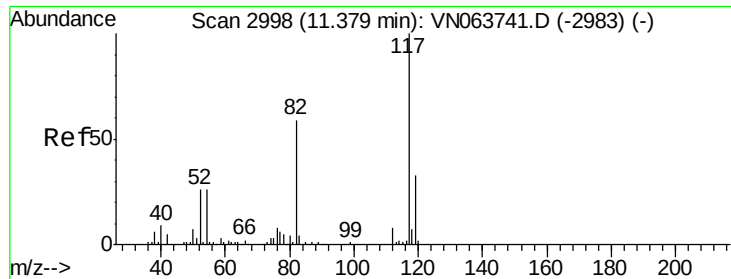
Tot Ion: 98 Resp: 517123
Ion Ratio Lower Upper
98 100
100 62.8 49.8 74.6



#62
4-Bromofluorobenzene
Concen: 51.030 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN063774.D
Acq: 1 Oct 2020 16:10

Tgt Ion: 95 Resp: 204821
Ion Ratio Lower Upper
95 100
174 73.8 0.0 150.6
176 70.6 0.0 145.4

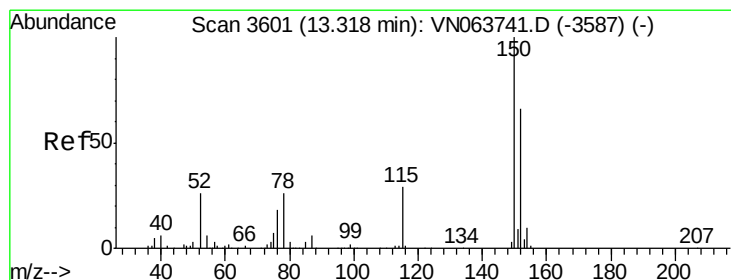
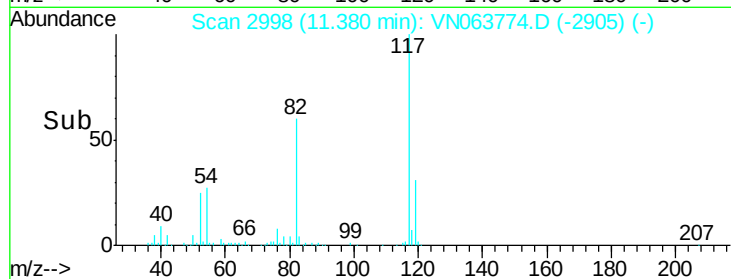
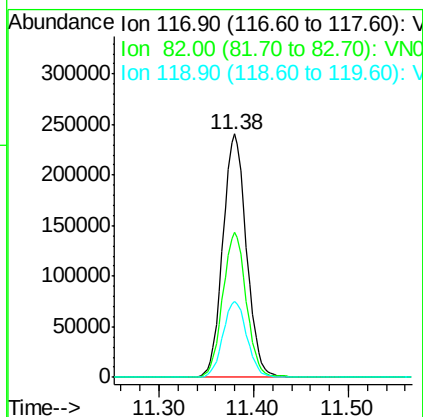
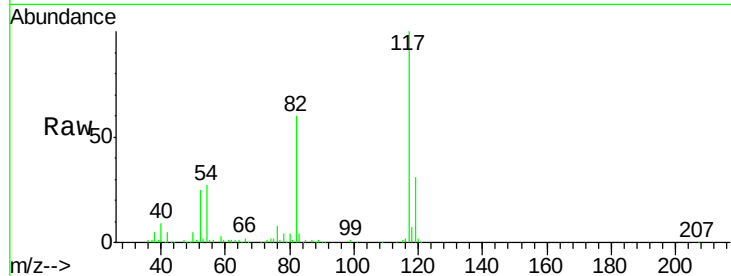




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063774.D
Acq: 1 Oct 2020 16:10

Instrument :
MSVOA_N
ClientSampleId :
FIELD-BLANK

Tot Ion:117 Resp: 417725
Ion Ratio Lower Upper
117 100
82 59.7 47.4 71.2
119 31.3 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN063774.D
Acq: 1 Oct 2020 16:10

Tgt Ion:152 Resp: 170970
Ion Ratio Lower Upper
152 100
115 63.3 31.3 93.8
150 159.1 0.0 341.8

