

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102720\
 Data File : VN064339.D
 Acq On : 27 Oct 2020 20:25
 Operator : JC/MD
 Sample : L4511-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OB-9

Quant Time: Oct 28 05:05:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 12:23:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	217635	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	378789	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	383460	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	166463	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	179125	51.22	ug/l	0.00
Spiked Amount			Recovery	=	102.44%	
35) Dibromofluoromethane	7.55	113	129287	51.18	ug/l	0.00
Spiked Amount			Recovery	=	102.36%	
50) Toluene-d8	10.06	98	484778	51.88	ug/l	0.00
Spiked Amount			Recovery	=	103.76%	
62) 4-Bromofluorobenzene	12.38	95	210056	57.66	ug/l	0.00
Spiked Amount			Recovery	=	115.32%	

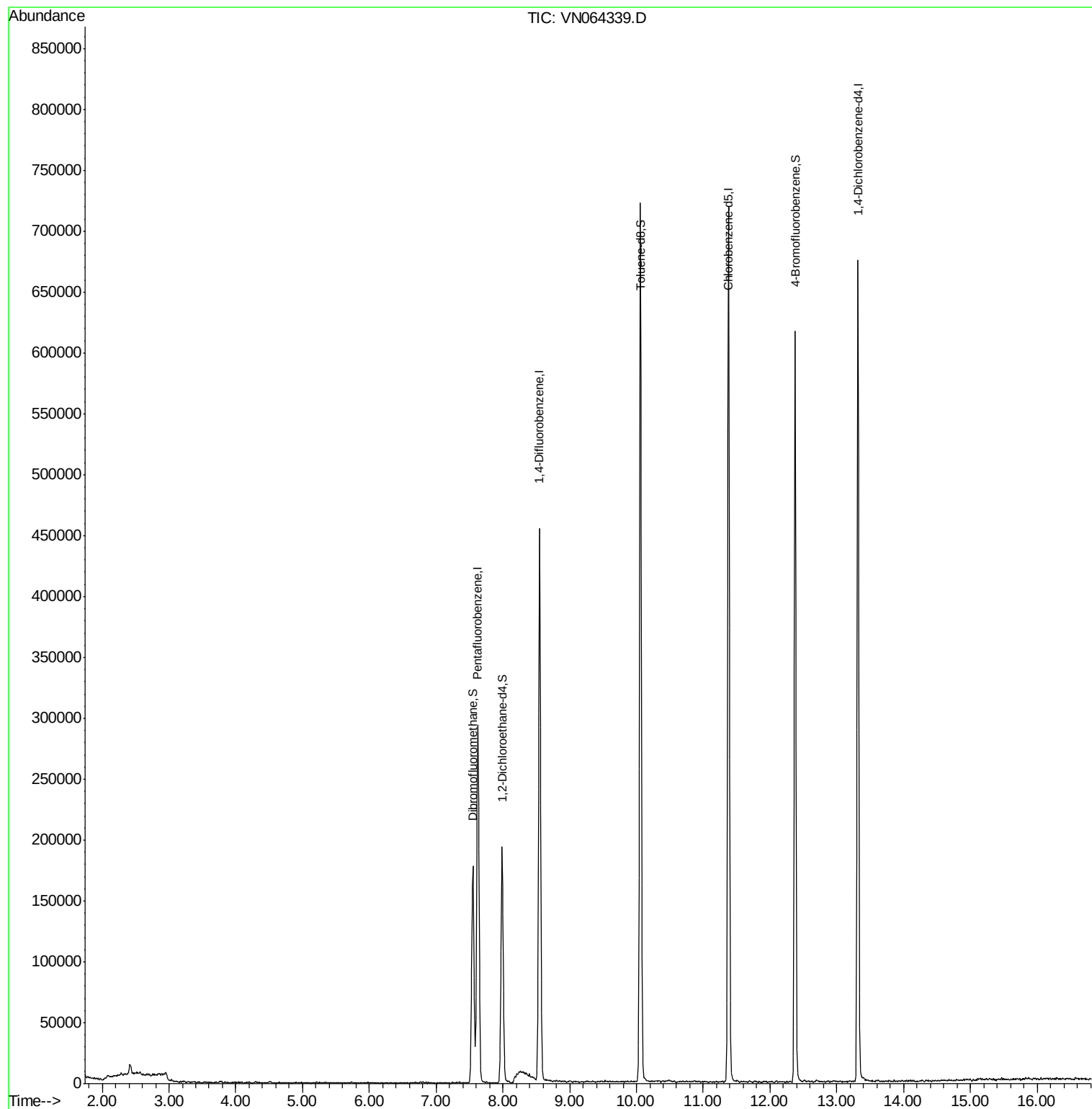
Target Compounds	Qvalue
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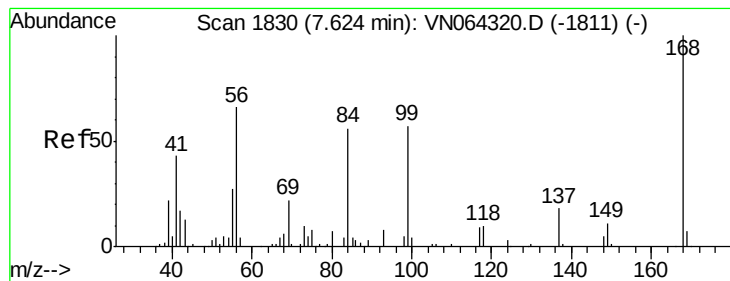
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN064339.D

Acq: 27 Oct 2020 20:25

Instrument :

MSVOA_N

ClientSampleId :

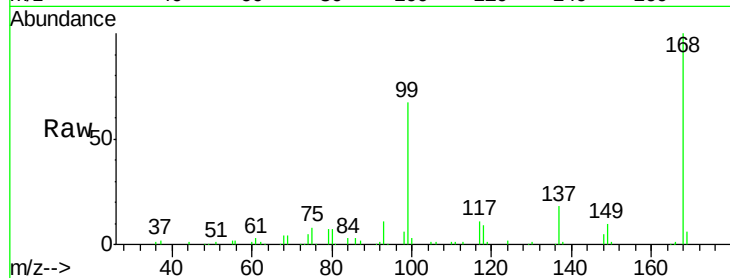
OB-9

Tot Ion:168 Resp: 217635

Ion Ratio Lower Upper

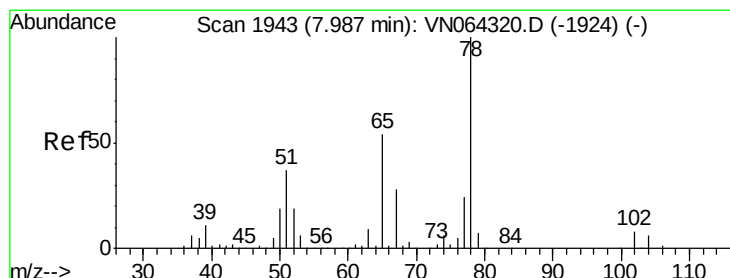
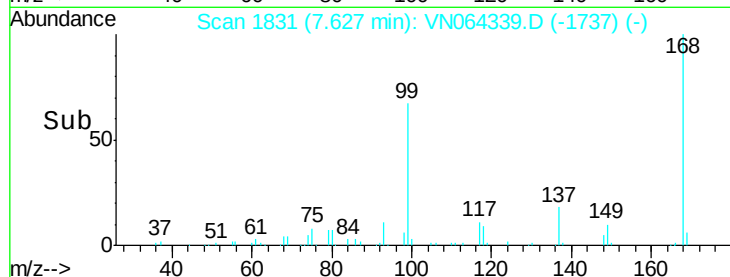
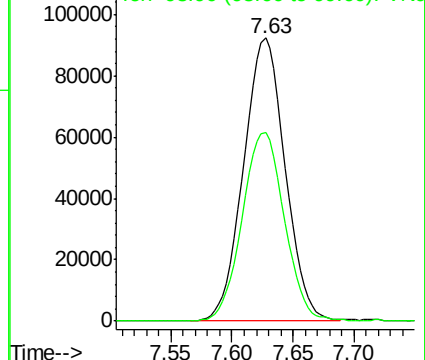
168 100

99 66.8 52.7 79.1



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: 51.217 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064339.D

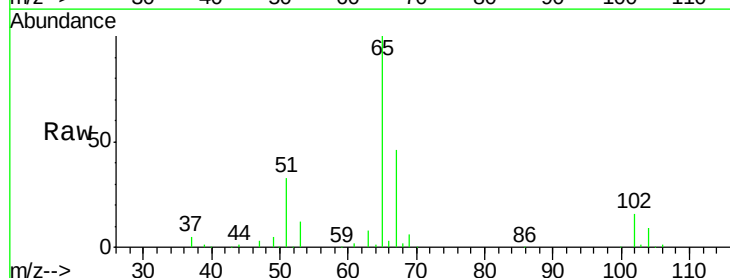
Acq: 27 Oct 2020 20:25

Tgt Ion: 65 Resp: 179125

Ion Ratio Lower Upper

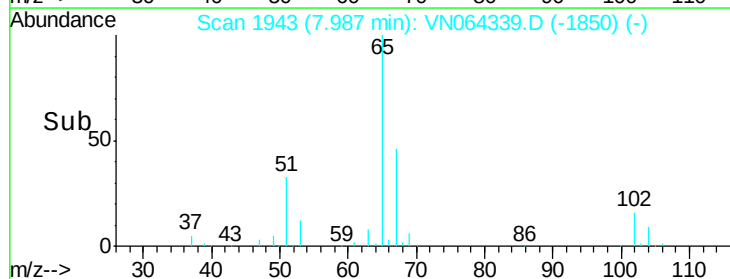
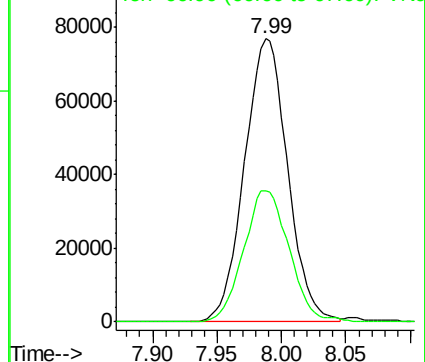
65 100

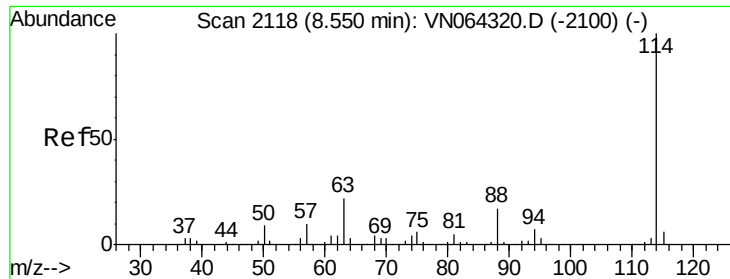
67 49.0 0.0 99.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

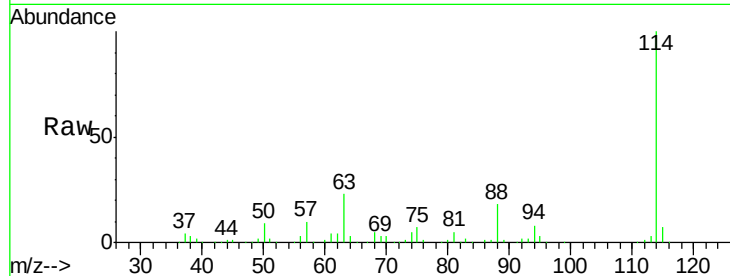




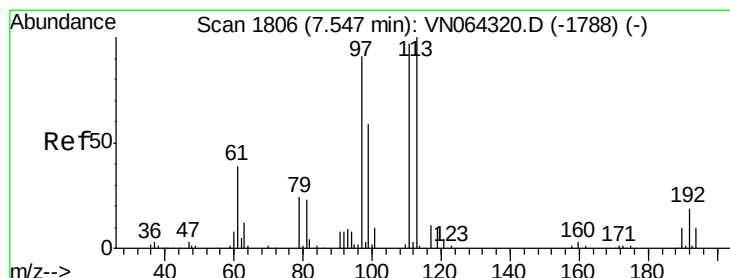
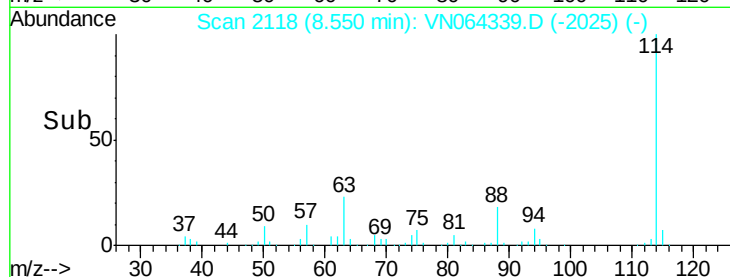
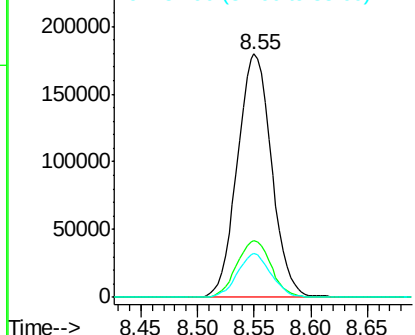
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN064339.D
Acq: 27 Oct 2020 20:25

Instrument :
MSVOA_N
ClientSampleId :
OB-9

Tot Ion:114	Resp:	378789
Ion	Ratio	Lower Upper
114	100	
63	23.3	0.0 44.6
88	18.2	0.0 33.4

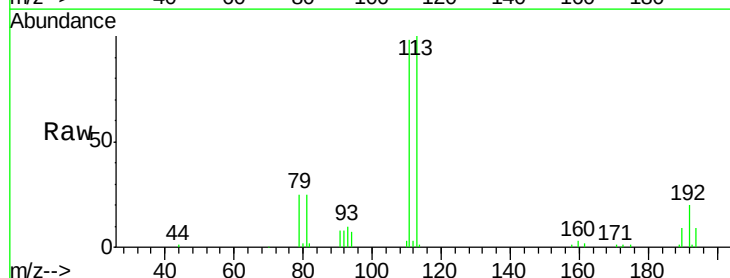


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

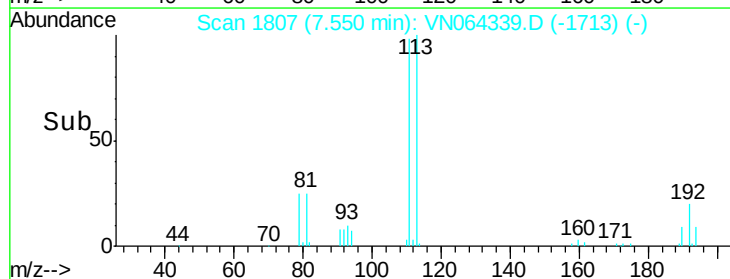
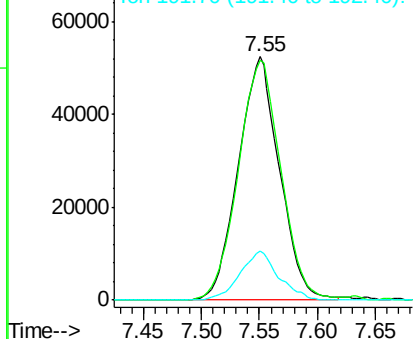


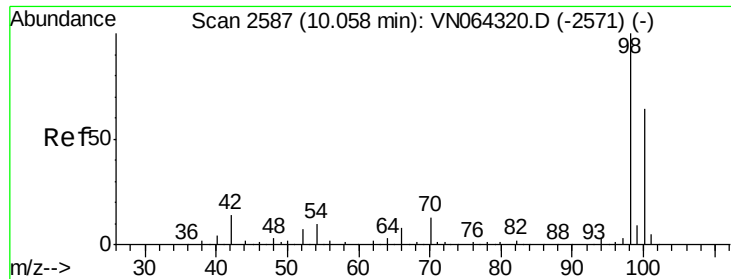
#35
Dibromofluoromethane
Concen: 51.182 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN064339.D
Acq: 27 Oct 2020 20:25

Tgt Ion:113	Resp:	129287
Ion	Ratio	Lower Upper
113	100	
111	101.9	81.5 122.3
192	18.8	15.0 22.4



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: 51.884 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064339.D

Acq: 27 Oct 2020 20:25

Instrument :

MSVOA_N

ClientSampleId :

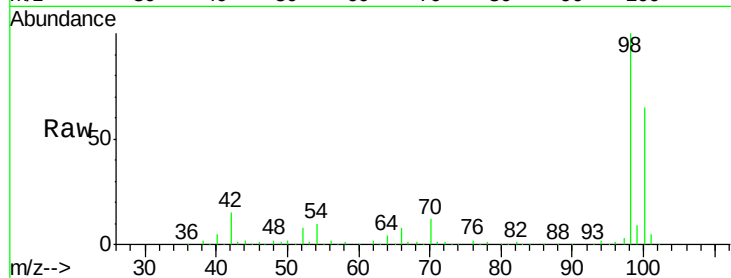
OB-9

Tot Ion: 98 Resp: 484778

Ion Ratio Lower Upper

98 100

100 64.6 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VN064320.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN064320.D (-2571) (-)

10.06

250000

200000

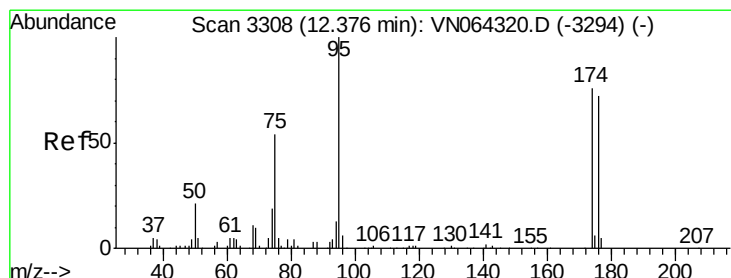
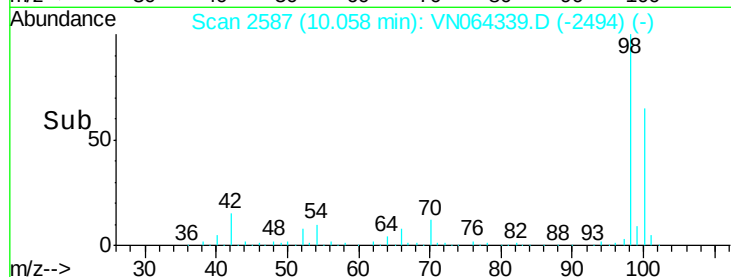
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 57.660 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064339.D

Acq: 27 Oct 2020 20:25

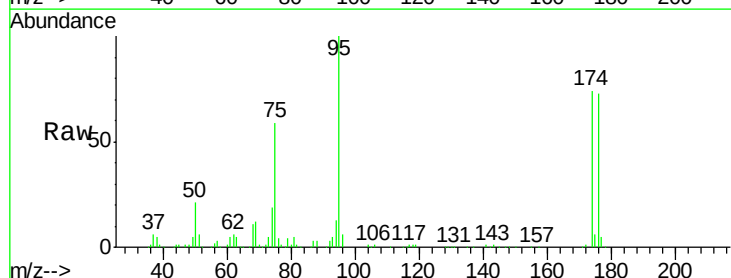
Tgt Ion: 95 Resp: 210056

Ion Ratio Lower Upper

95 100

174 72.1 0.0 147.4

176 70.3 0.0 143.6



Abundance Ion 94.90 (94.60 to 95.60): VN064320.D (-3294) (-)

Ion 173.80 (173.50 to 174.50): VN064320.D (-3294) (-)

Ion 175.80 (175.50 to 176.50): VN064320.D (-3294) (-)

12.38

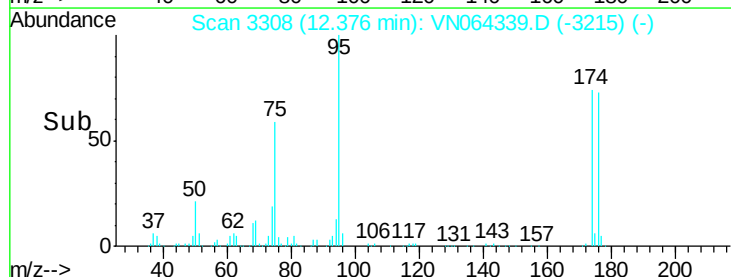
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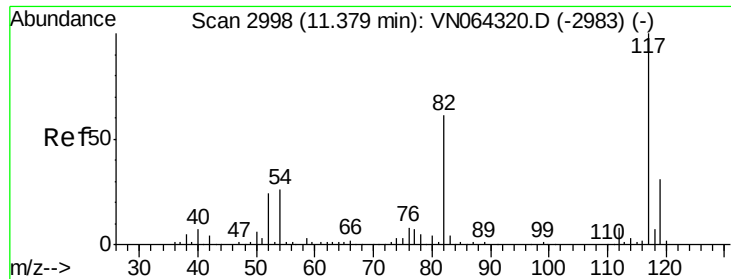
100000

50000

0

Time-->

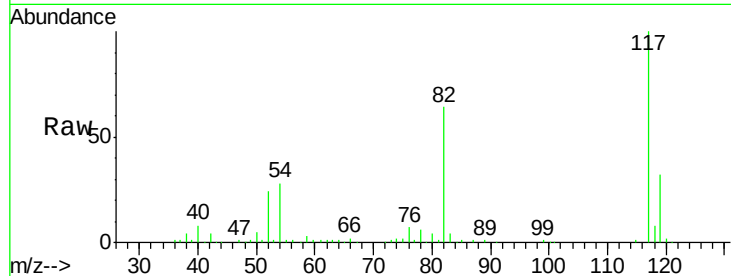




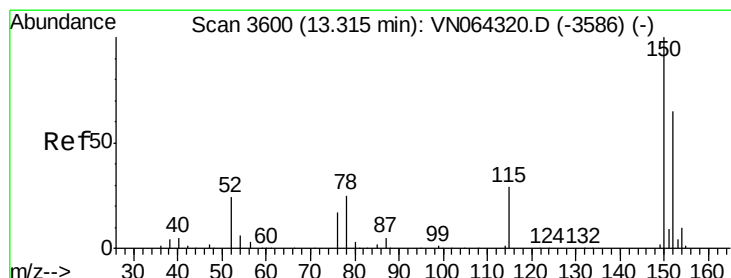
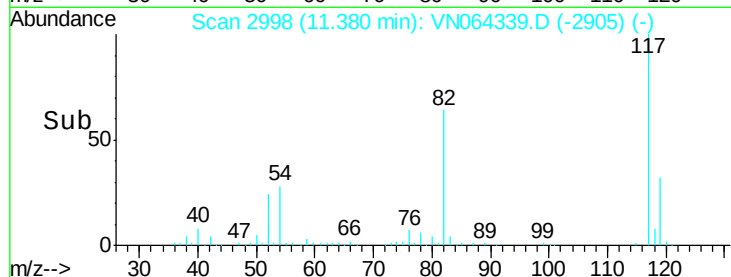
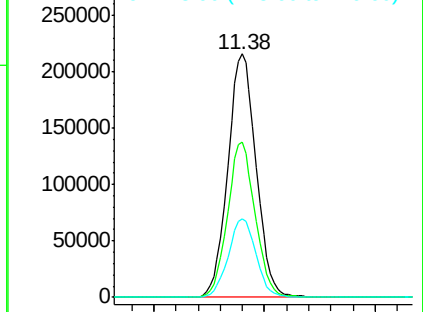
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064339.D
Acq: 27 Oct 2020 20:25

Instrument :
MSVOA_N
ClientSampled :
OB-9

Tot Ion:117 Resp: 383460
Ion Ratio Lower Upper
117 100
82 63.7 48.8 73.2
119 32.2 25.1 37.7

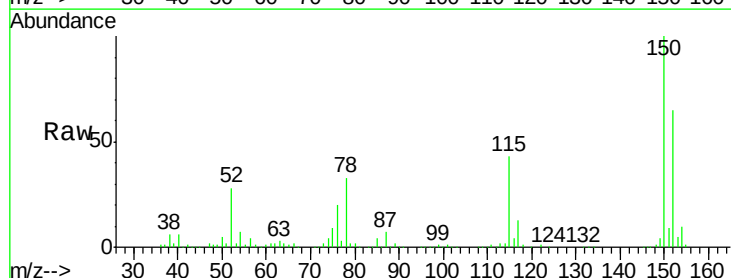


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN064339.D
Acq: 27 Oct 2020 20:25

Tgt Ion:152 Resp: 166463
Ion Ratio Lower Upper
152 100
115 65.5 31.5 94.5
150 154.9 0.0 346.2



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

