

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102320\
 Data File : VN064299.D
 Acq On : 23 Oct 2020 20:51
 Operator : JC/MD
 Sample : L4486-09 50X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1806

Quant Time: Oct 26 02:48:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102120W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 21 12:48:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	241151	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	414030	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	416049	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	183813	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	187328	52.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.62%	
35) Dibromofluoromethane	7.55	113	138411	50.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.56%	
50) Toluene-d8	10.06	98	527689	52.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.70%	
62) 4-Bromofluorobenzene	12.38	95	226747	56.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.04%	

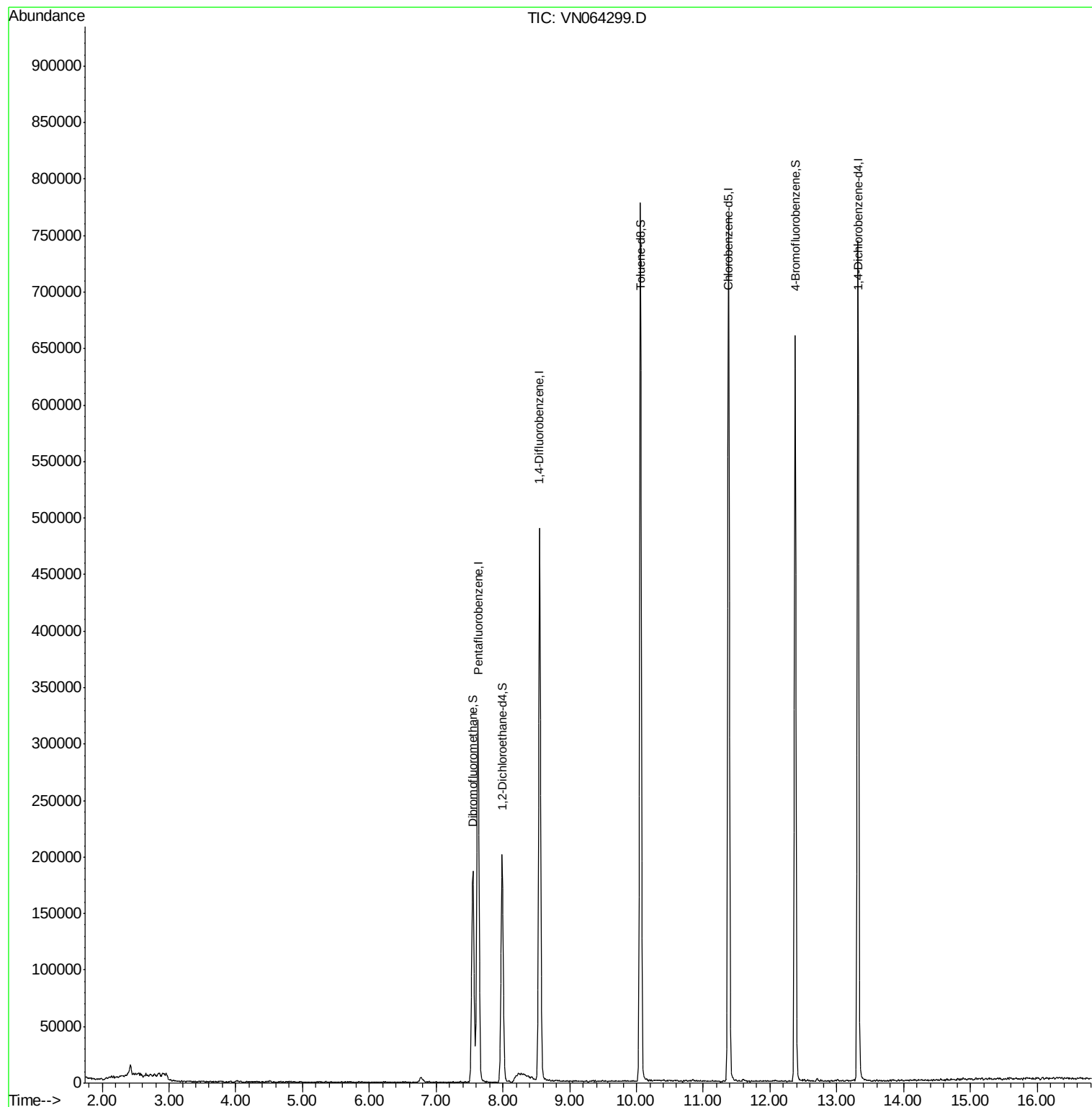
Target Compounds	Qvalue
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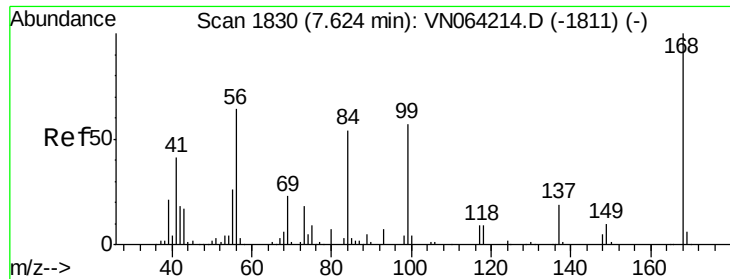
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

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Acq: 23 Oct 2020 20:51

Instrument :

MSVOA_N

ClientSampleId :

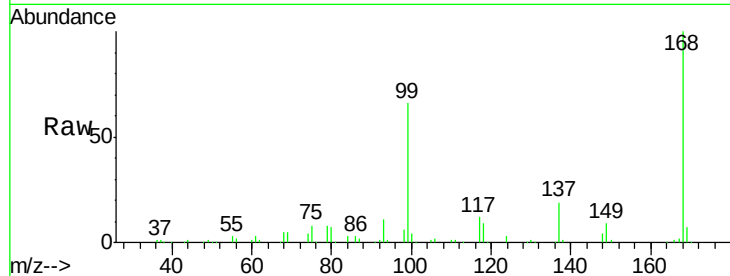
1806

Tot Ion:168 Resp: 241151

Ion Ratio Lower Upper

168 100

99 66.1 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

100000

80000

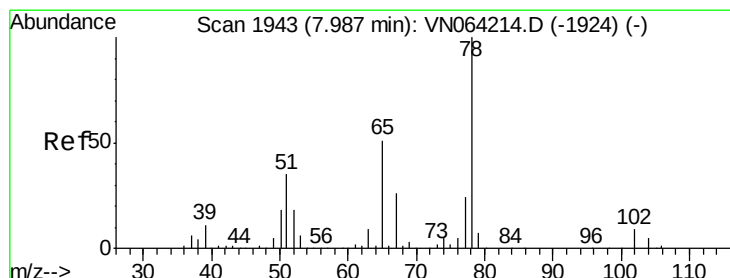
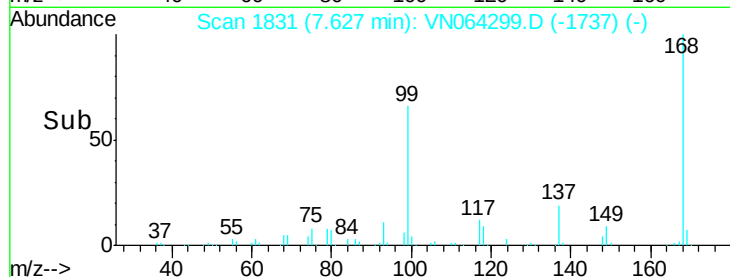
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#33

1,2-Dichloroethane-d4

Concen: 52.308 ug/l

RT: 7.99 min Scan# 1944

Delta R.T. 0.00 min

Lab File: VN064299.D

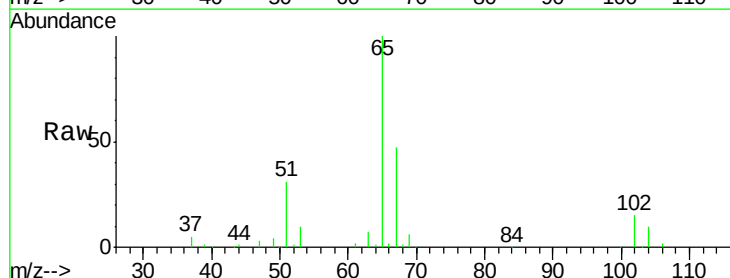
Acq: 23 Oct 2020 20:51

Tgt Ion: 65 Resp: 187328

Ion Ratio Lower Upper

65 100

67 48.9 0.0 100.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

7.99

80000

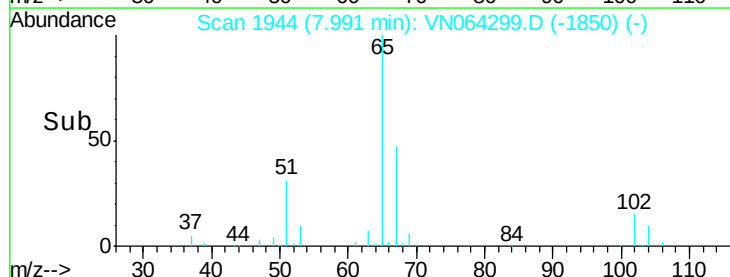
60000

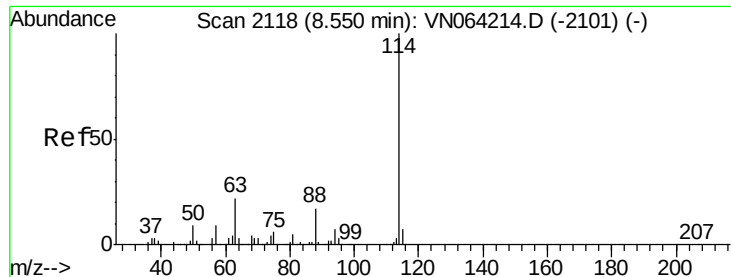
40000

20000

0

Time--> 7.90 7.95 8.00 8.05





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN064299.D

Acq: 23 Oct 2020 20:51

Instrument :

MSVOA_N

ClientSampleId :

1806

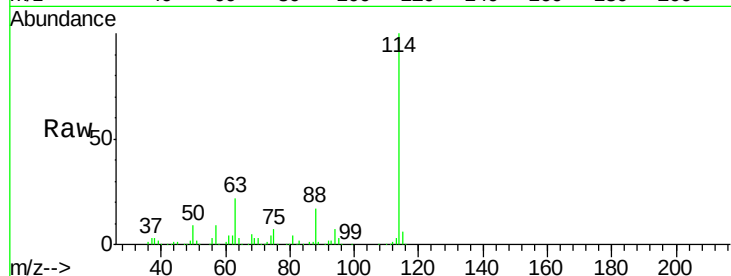
Tot Ion:114 Resp: 414030

Ion Ratio Lower Upper

114 100

63 22.2 0.0 44.0

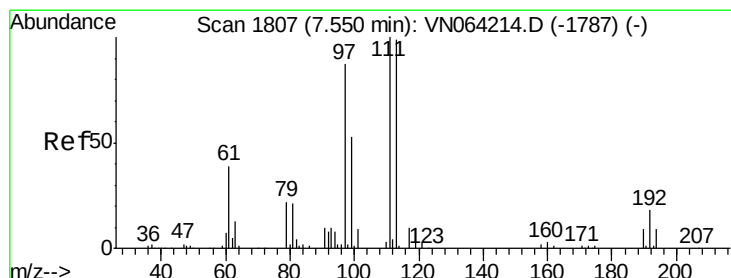
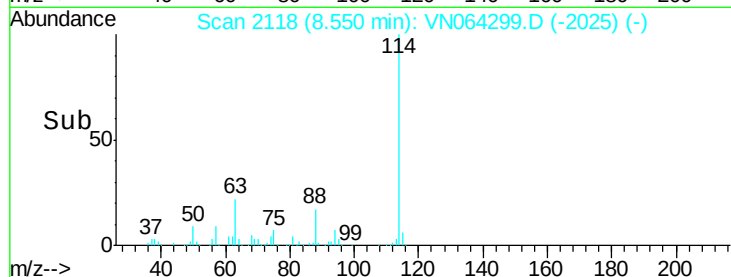
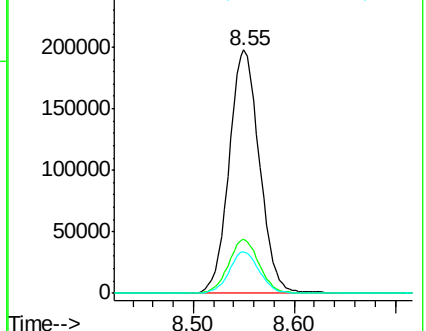
88 17.2 0.0 34.2



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: 50.282 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VN064299.D

Acq: 23 Oct 2020 20:51

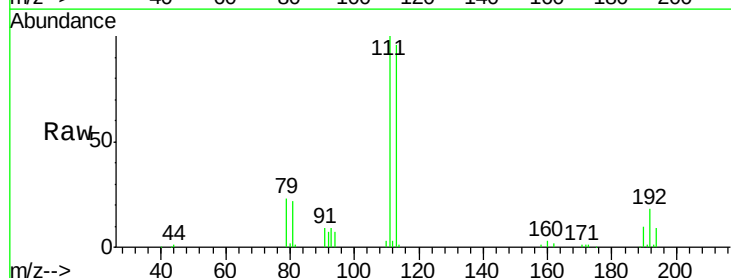
Tgt Ion:113 Resp: 138411

Ion Ratio Lower Upper

113 100

111 103.7 84.2 126.2

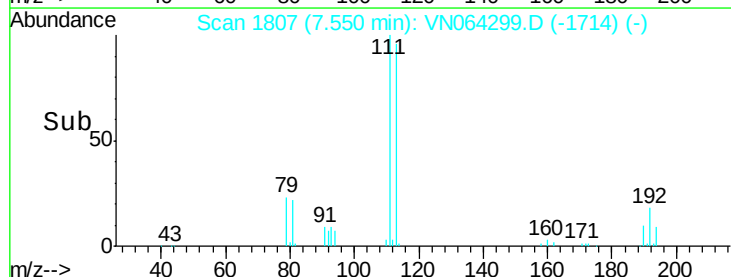
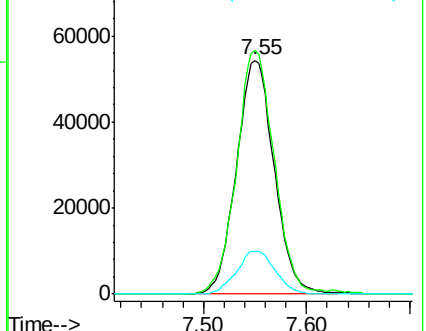
192 18.7 15.2 22.8

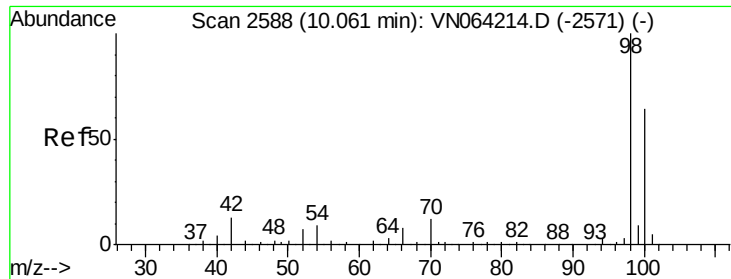


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.846 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. -0.00 min

Lab File: VN064299.D

Acq: 23 Oct 2020 20:51

Instrument :

MSVOA_N

ClientSampleId :

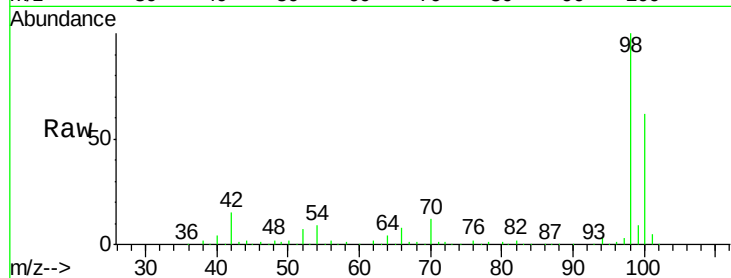
1806

Tot Ion: 98 Resp: 527689

Ion Ratio Lower Upper

98 100

100 63.8 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VN064214.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN064214.D (-2571) (-)

10.06

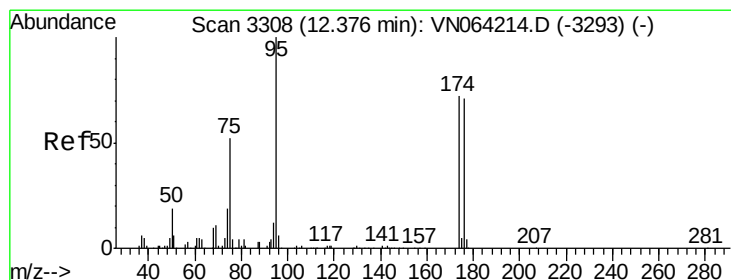
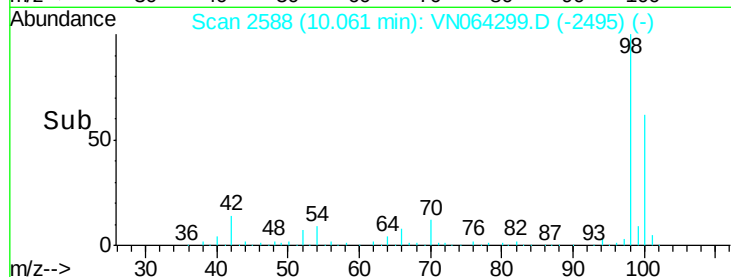
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 56.015 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN064299.D

Acq: 23 Oct 2020 20:51

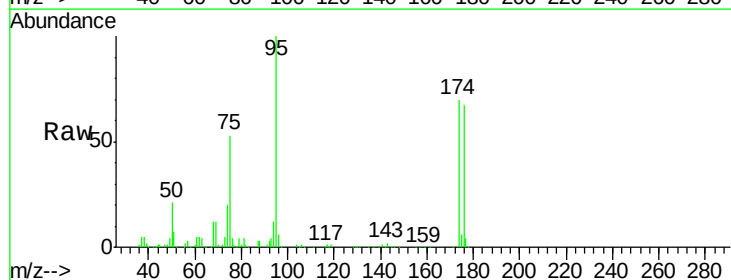
Tgt Ion: 95 Resp: 226747

Ion Ratio Lower Upper

95 100

174 71.9 0.0 144.4

176 69.1 0.0 139.2



Abundance Ion 94.90 (94.60 to 95.60): VN064214.D (-3293) (-)

Ion 173.80 (173.50 to 174.50): VN064214.D (-3293) (-)

Ion 175.80 (175.50 to 176.50): VN064214.D (-3293) (-)

12.38

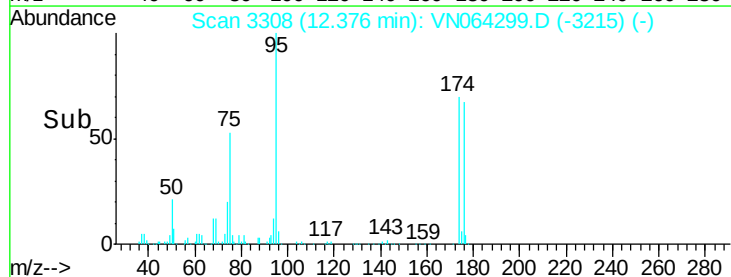
150000

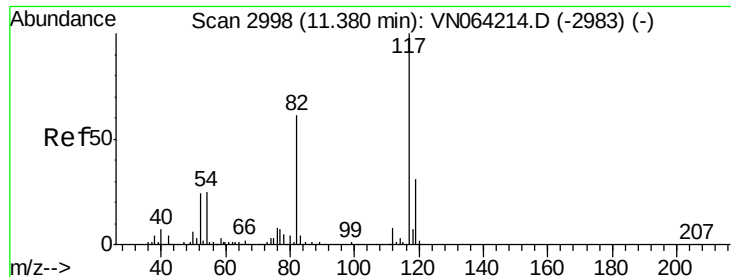
100000

50000

0

Time-->

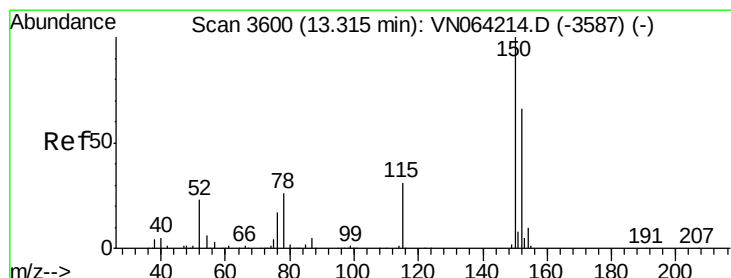
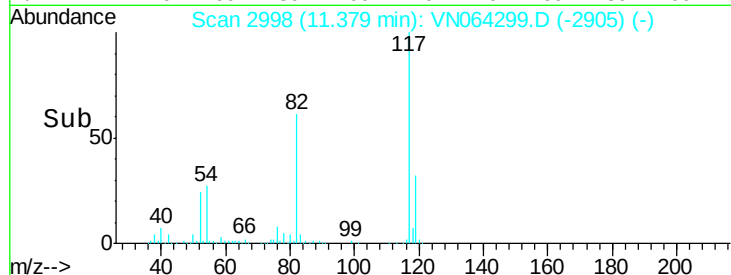
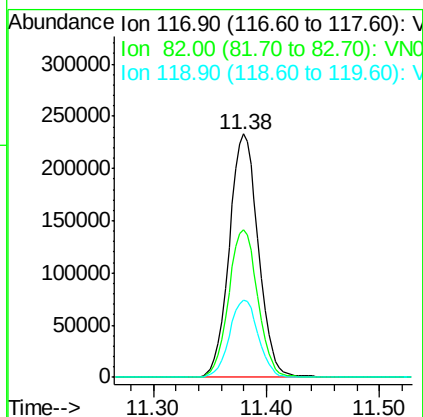
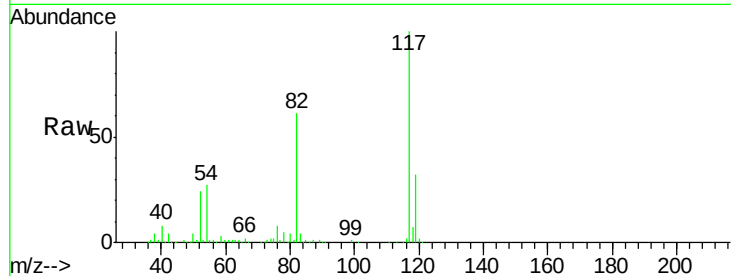




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064299.D
Acq: 23 Oct 2020 20:51

Instrument :
MSVOA_N
ClientSampleId :
1806

Tot Ion:117 Resp: 416049
Ion Ratio Lower Upper
117 100
82 60.9 48.8 73.2
119 31.5 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064299.D
Acq: 23 Oct 2020 20:51

Tgt Ion:152 Resp: 183813
Ion Ratio Lower Upper
152 100
115 65.6 32.0 96.2
150 158.2 0.0 356.6

