

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102720\
 Data File : VN064337.D
 Acq On : 27 Oct 2020 19:37
 Operator : JC/MD
 Sample : L4520-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PS-FRAC

Quant Time: Oct 28 05:00:22 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	7.62	168	215882	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	378250	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	387667	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	171133	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	177436	51.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.30%	
35) Dibromofluoromethane	7.55	113	125997	49.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.90%	
50) Toluene-d8	10.06	98	474341	50.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.68%	
62) 4-Bromofluorobenzene	12.38	95	212229	58.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.68%	

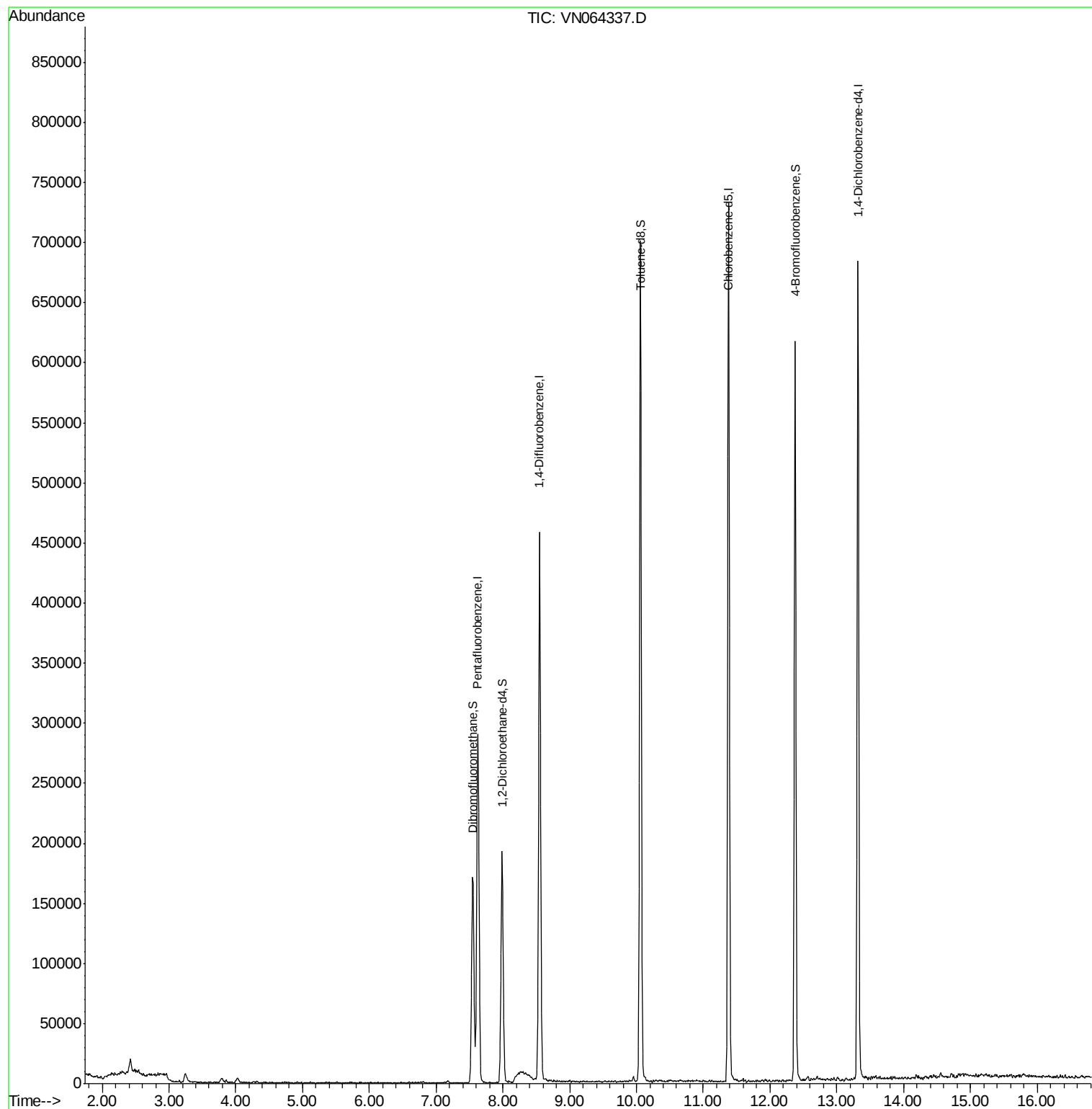
Target Compounds	Qvalue

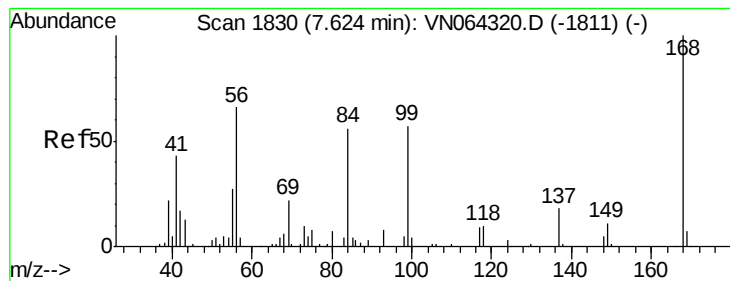
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Oct 27 12:23:17 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: VN064337.D

Acq: 27 Oct 2020 19:37

Instrument :

MSVOA_N

ClientSampleId :

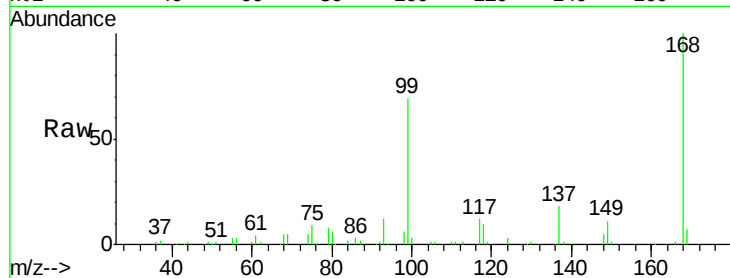
PS-FRAC

Tot Ion:168 Resp: 215882

Ion Ratio Lower Upper

168 100

99 69.0 52.7 79.1



Abundance Ion 167.90 (167.60 to 168.60): VN064337.D (-1737) (-)

Ion 98.90 (98.60 to 99.60): VN064337.D (-1737) (-)

7.62

80000

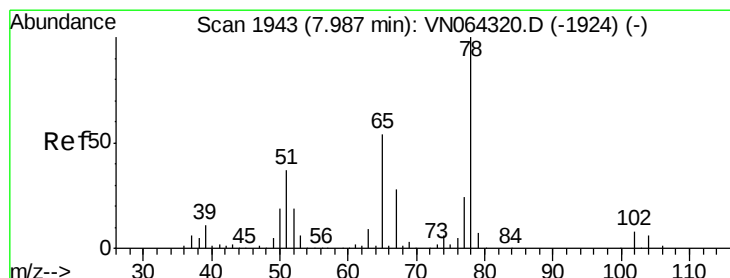
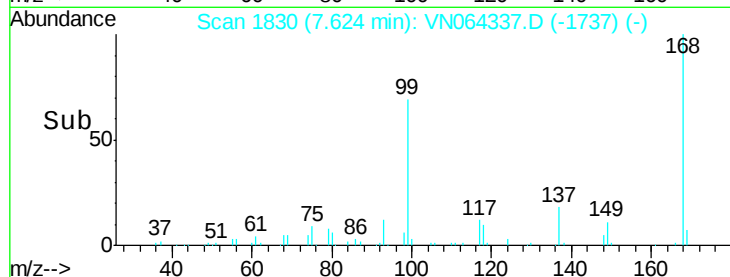
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.146 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN064337.D

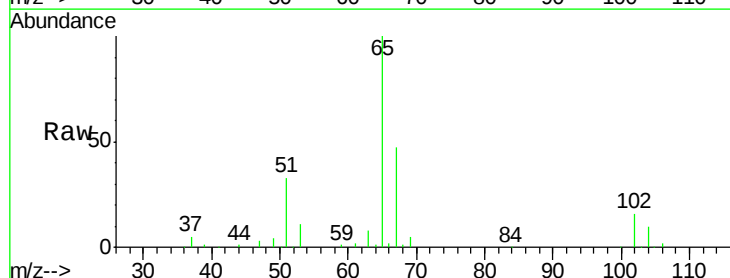
Acq: 27 Oct 2020 19:37

Tgt Ion: 65 Resp: 177436

Ion Ratio Lower Upper

65 100

67 49.7 0.0 99.2



Abundance Ion 64.90 (64.60 to 65.60): VN064337.D (-1850) (-)

Ion 66.90 (66.60 to 67.60): VN064337.D (-1850) (-)

7.99

80000

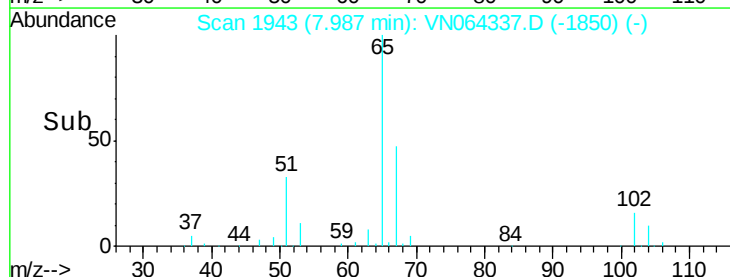
60000

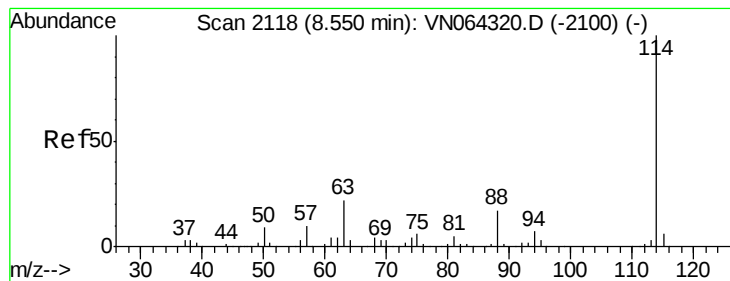
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN064337.D

Acq: 27 Oct 2020 19:37

Instrument :

MSVOA_N

ClientSampleId :

PS-FRAC

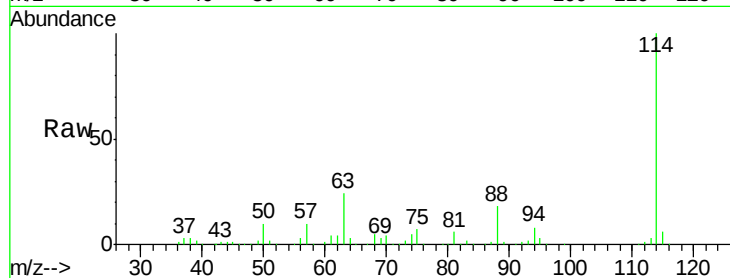
Tot Ion:114 Resp: 378250

Ion Ratio Lower Upper

114 100

63 23.8 0.0 44.6

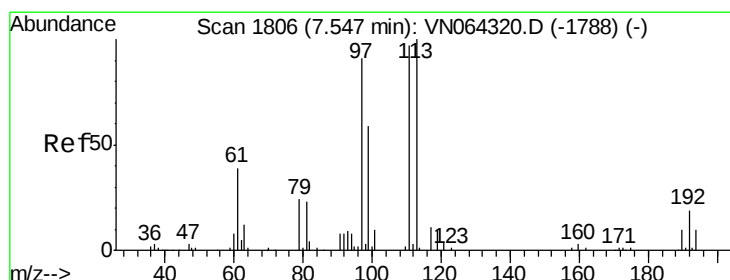
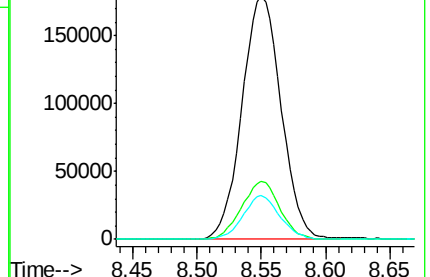
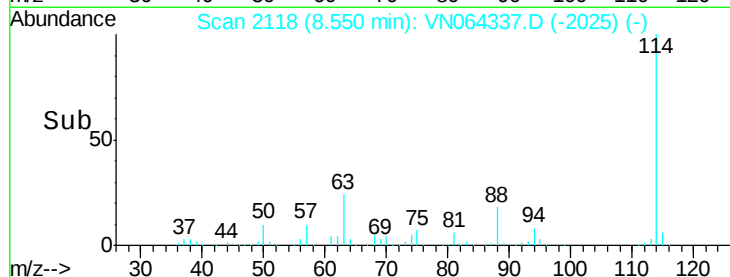
88 17.8 0.0 33.4



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: 49.950 ug/l

RT: 7.55 min Scan# 1806

Delta R.T. -0.00 min

Lab File: VN064337.D

Acq: 27 Oct 2020 19:37

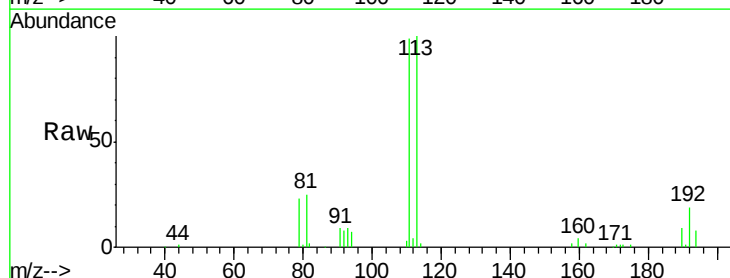
Tgt Ion:113 Resp: 125997

Ion Ratio Lower Upper

113 100

111 102.6 81.5 122.3

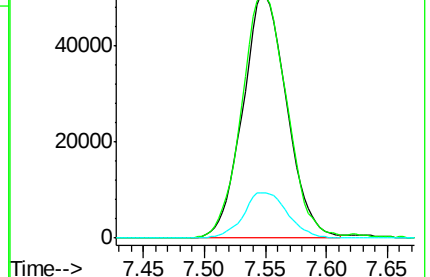
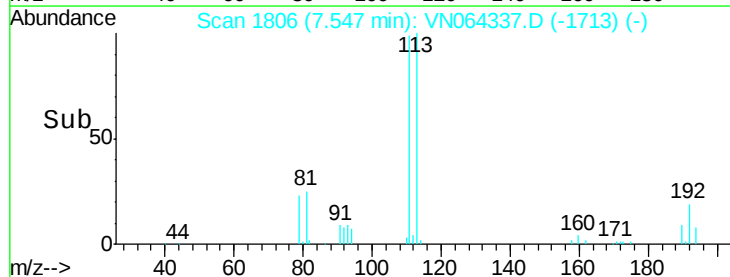
192 18.8 15.0 22.4

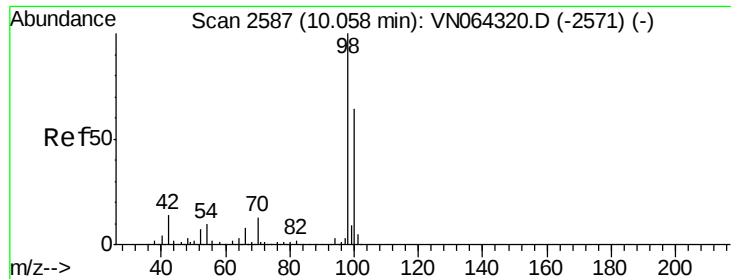


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.839 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN064337.D

Acq: 27 Oct 2020 19:37

Instrument :

MSVOA_N

ClientSampleId :

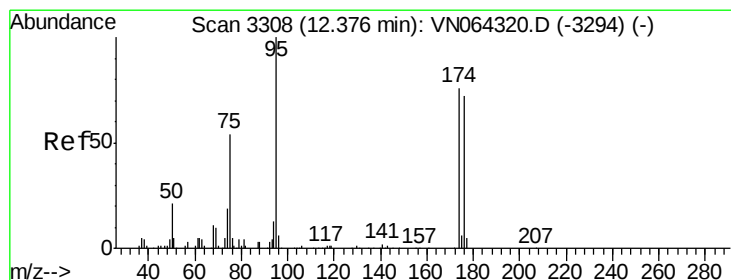
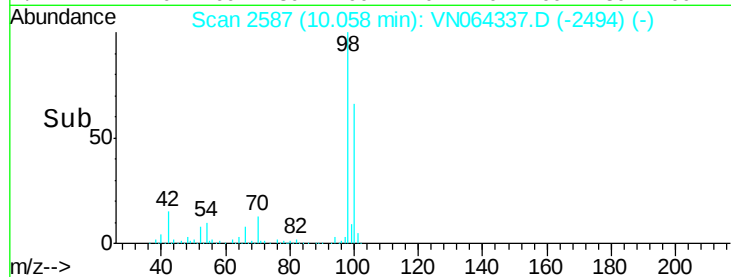
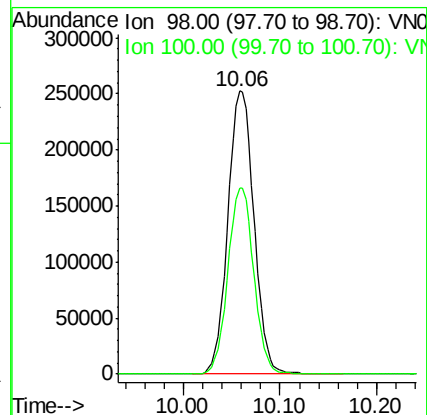
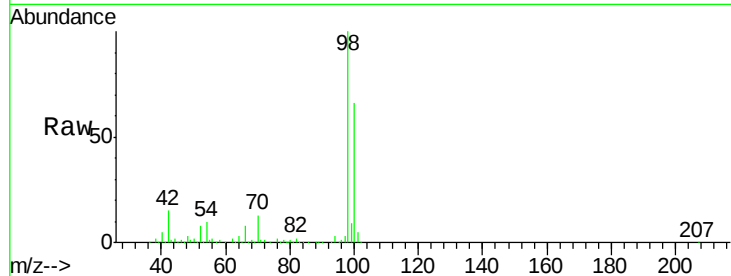
PS-FRAC

Tot Ion: 98 Resp: 474341

Ion Ratio Lower Upper

98 100

100 65.2 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 58.340 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN064337.D

Acq: 27 Oct 2020 19:37

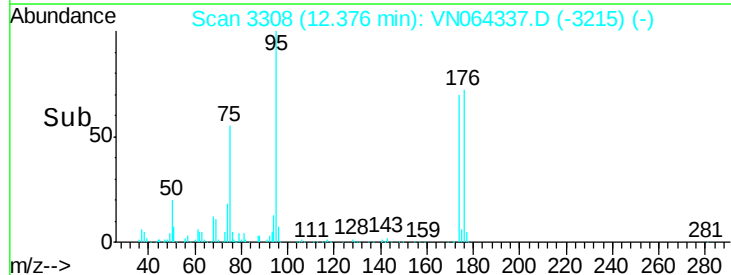
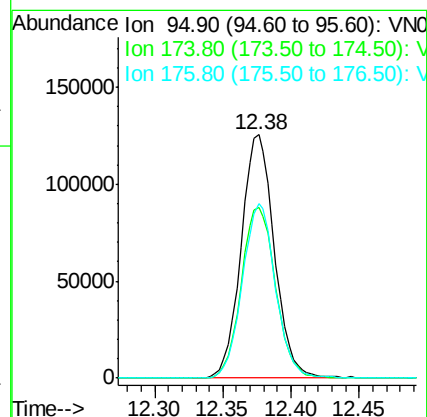
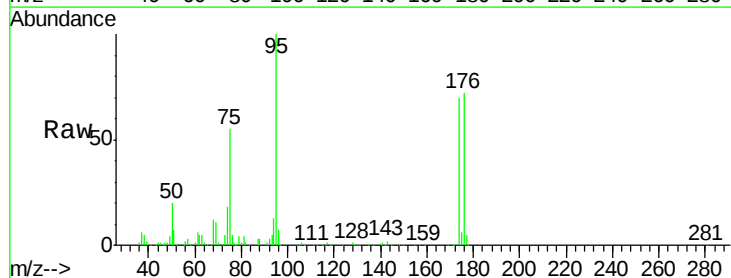
Tgt Ion: 95 Resp: 212229

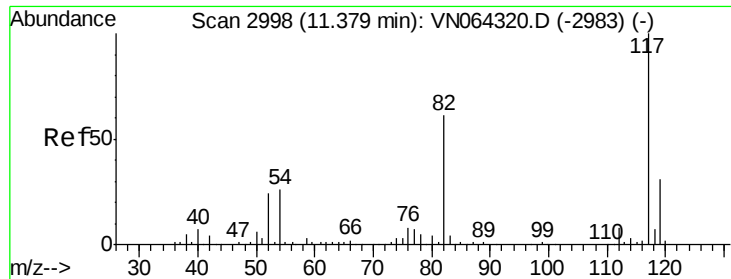
Ion Ratio Lower Upper

95 100

174 72.3 0.0 147.4

176 71.4 0.0 143.6

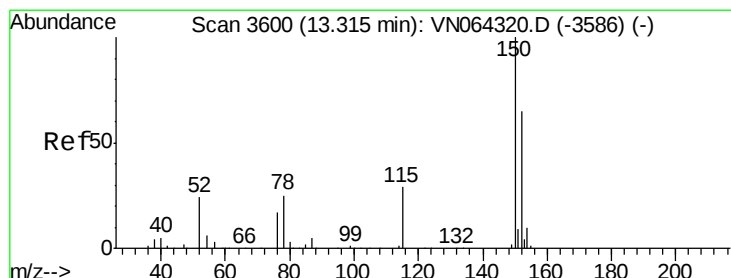
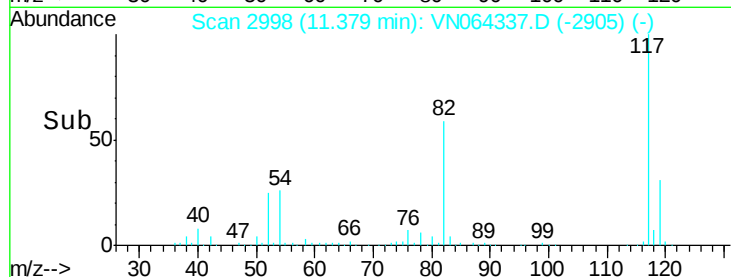
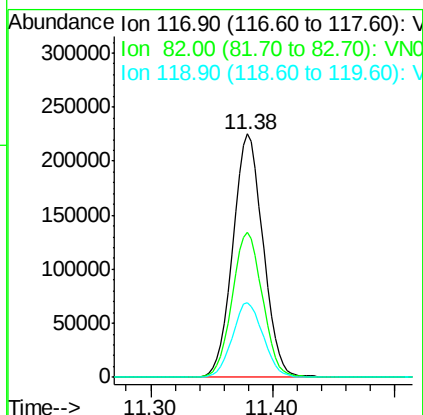
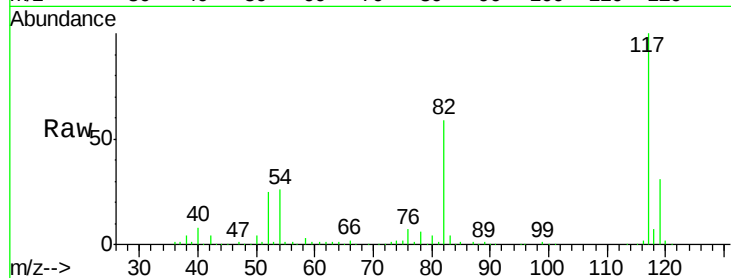




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064337.D
Acq: 27 Oct 2020 19:37

Instrument :
MSVOA_N
ClientSampleId :
PS-FRAC

Tot Ion:117 Resp: 387667
Ion Ratio Lower Upper
117 100
82 59.3 48.8 73.2
119 30.7 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064337.D
Acq: 27 Oct 2020 19:37

Tgt Ion:152 Resp: 171133
Ion Ratio Lower Upper
152 100
115 66.0 31.5 94.5
150 155.4 0.0 346.2

