

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102920\
 Data File : VN064374.D
 Acq On : 29 Oct 2020 15:21
 Operator : JC/MD
 Sample : L4215-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AU-05-102820

Quant Time: Oct 30 07:41:18 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

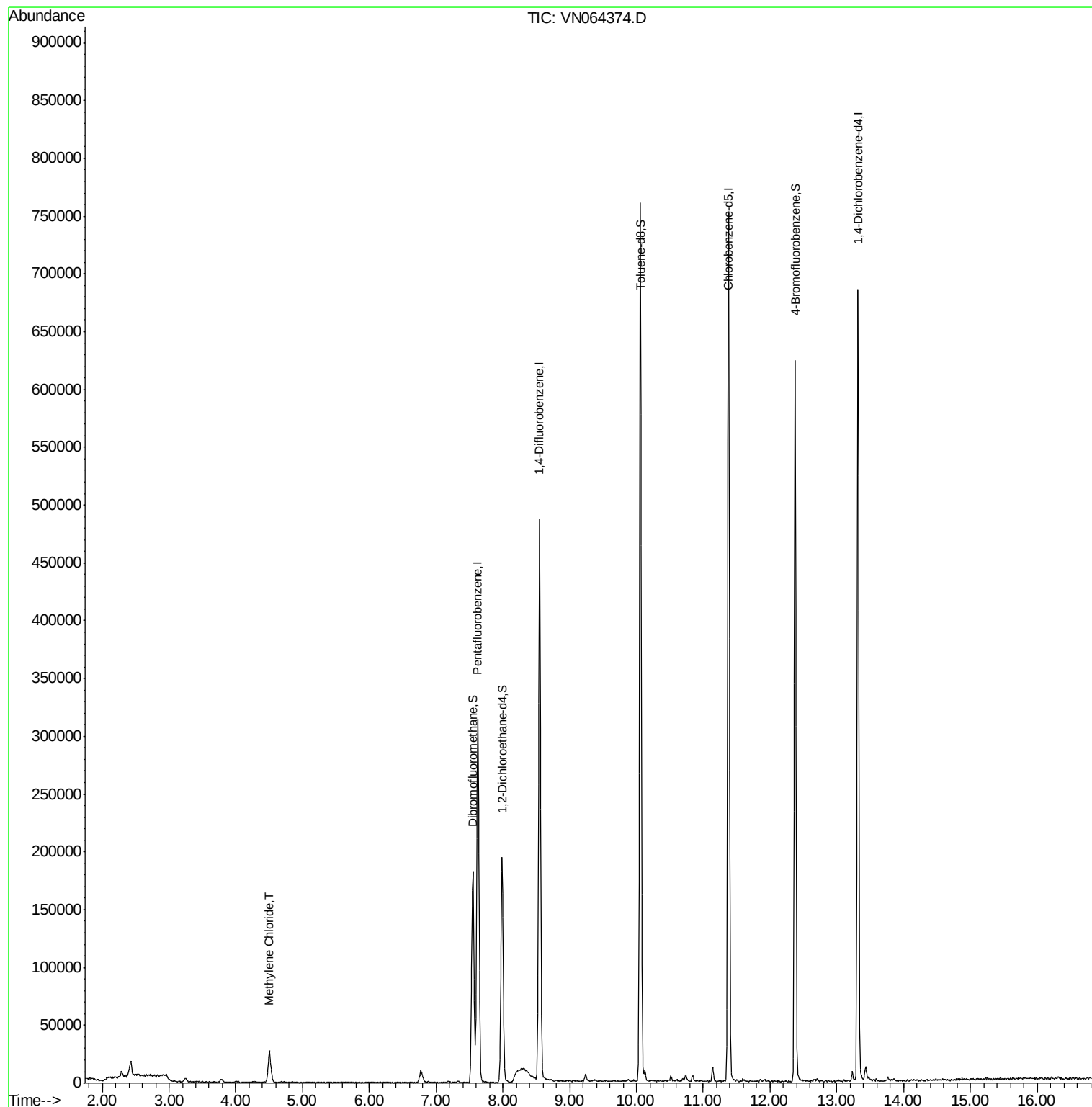
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	232380	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	409168	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	400016	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	170189	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	183547	49.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.30%	
35) Dibromofluoromethane	7.55	113	132265	48.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.94%	
50) Toluene-d8	10.06	98	496087	49.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.30%	
62) 4-Bromofluorobenzene	12.38	95	214015	54.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.78%	
Target Compounds						
20) Methylene Chloride	4.51	84	18700	7.061	ug/l #	Qvalue 88

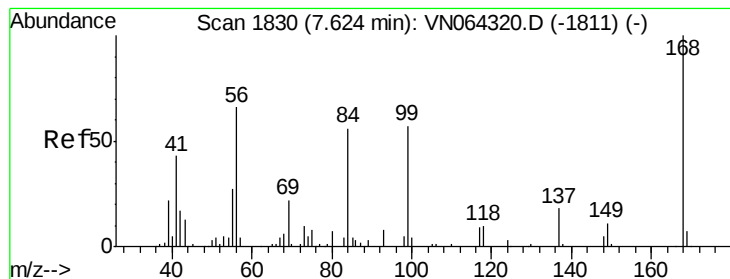
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN064374.D

Acq: 29 Oct 2020 15:21

Instrument :

MSVOA_N

ClientSampleId :

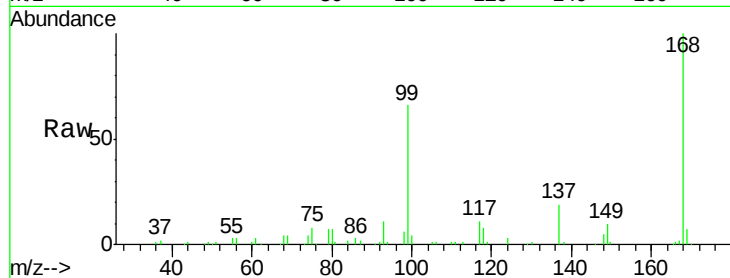
AU-05-102820

Tot Ion:168 Resp: 232380

Ion Ratio Lower Upper

168 100

99 66.1 52.7 79.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

100000

80000

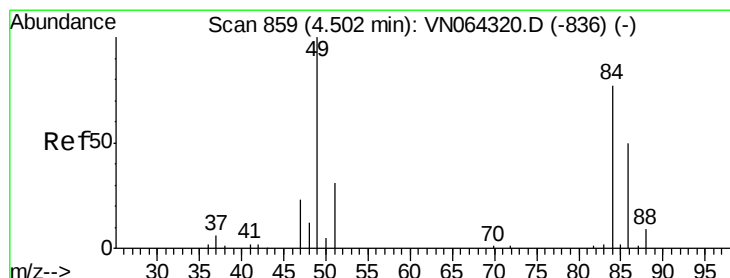
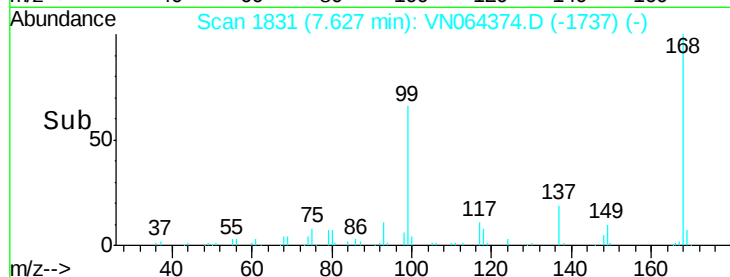
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#20

Methylene Chloride

Concen: 7.061 ug/l

RT: 4.51 min Scan# 860

Delta R.T. 0.00 min

Lab File: VN064374.D

Acq: 29 Oct 2020 15:21

Tgt Ion: 84 Resp: 18700

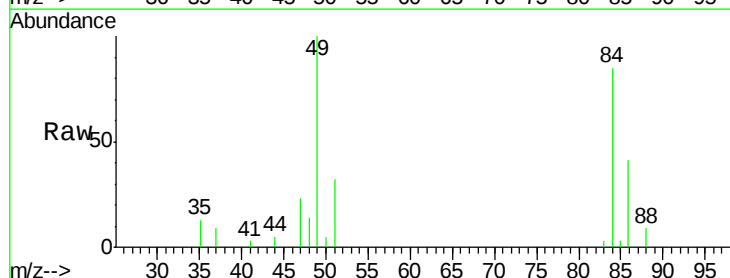
Ion Ratio Lower Upper

84 100

49 117.2 103.6 155.4

51 38.0 31.8 47.8

86 47.7 51.3 76.9#



Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO

12000

10000

8000

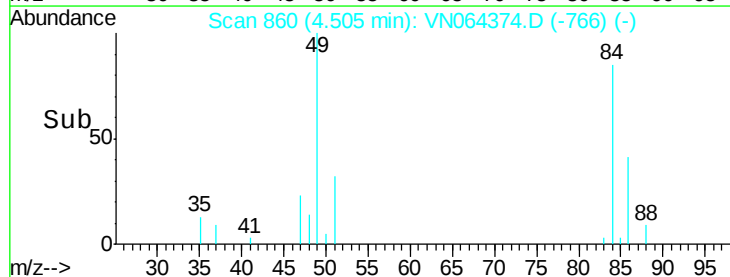
6000

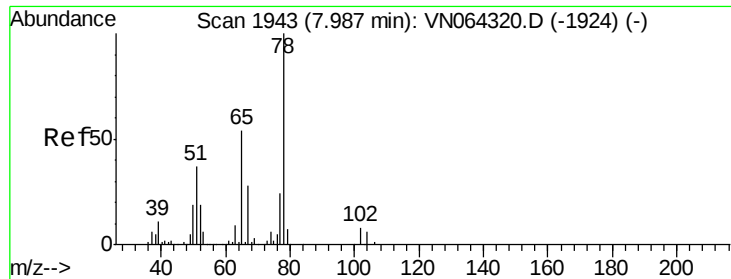
4000

2000

0

Time--> 4.40 4.50 4.60





#33

1,2-Dichloroethane-d4

Concen: 49.152 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064374.D

Acq: 29 Oct 2020 15:21

Instrument :

MSVOA_N

ClientSampleId :

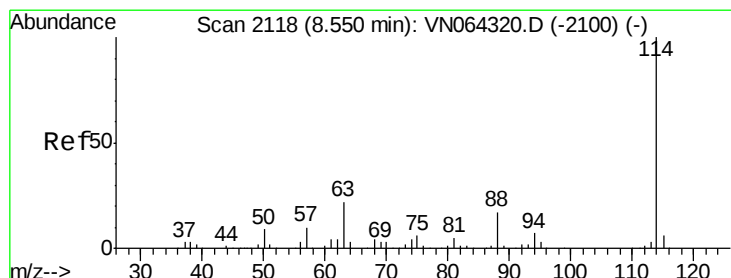
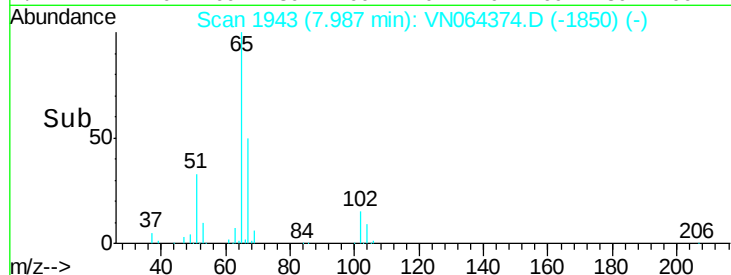
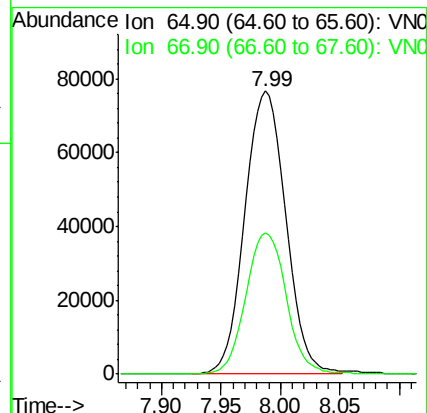
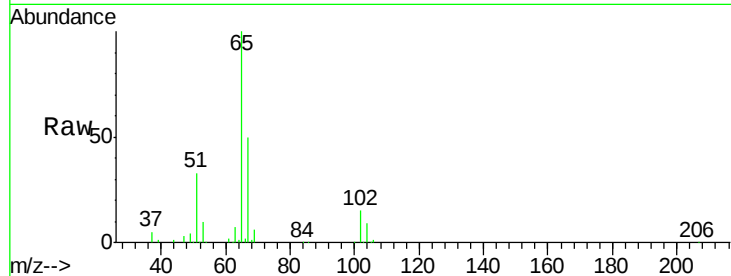
AU-05-102820

Tot Ion: 65 Resp: 183547

Ion Ratio Lower Upper

65 100

67 49.1 0.0 99.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN064374.D

Acq: 29 Oct 2020 15:21

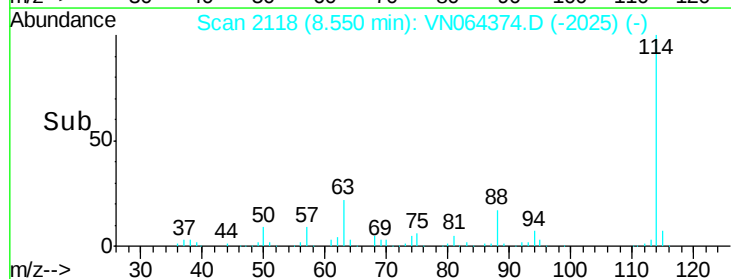
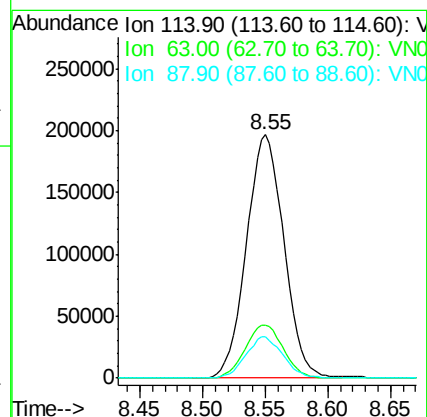
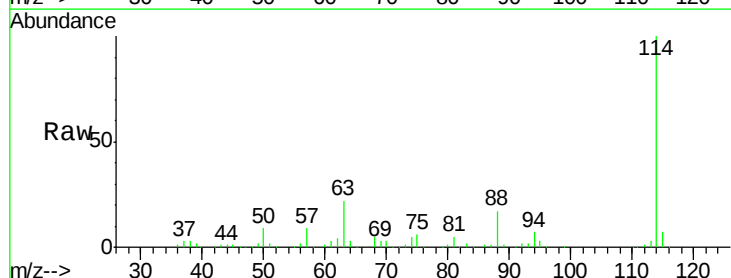
Tgt Ion:114 Resp: 409168

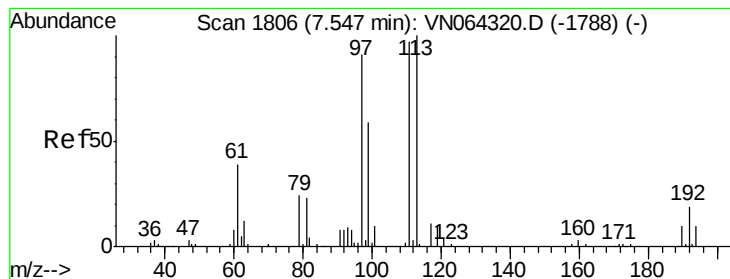
Ion Ratio Lower Upper

114 100

63 21.8 0.0 44.6

88 16.8 0.0 33.4





#35

Dibromofluoromethane

Concen: 48.473 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN064374.D

Acq: 29 Oct 2020 15:21

Instrument :

MSVOA_N

ClientSampleId :

AU-05-102820

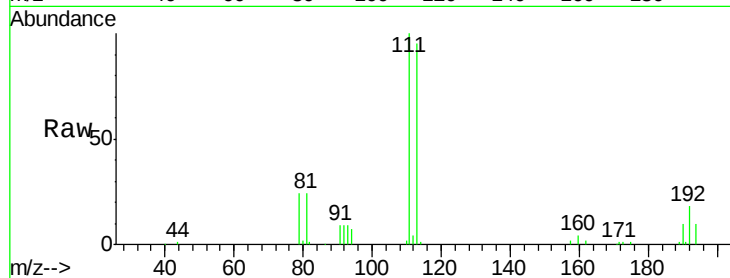
Tot Ion:113 Resp: 132265

Ion Ratio Lower Upper

113 100

111 103.1 81.5 122.3

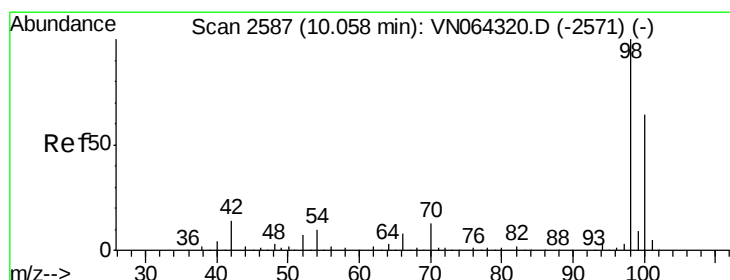
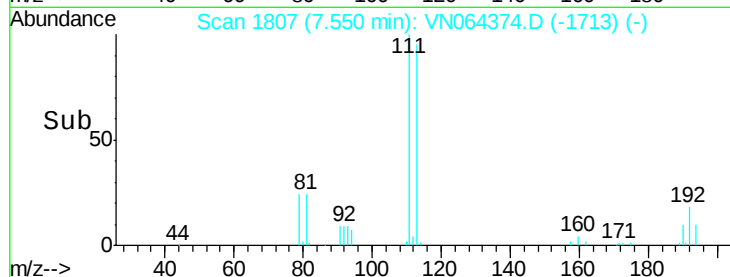
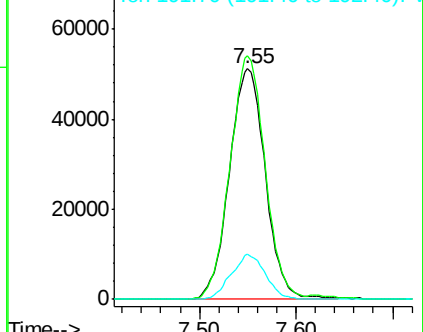
192 18.6 15.0 22.4



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: 49.152 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064374.D

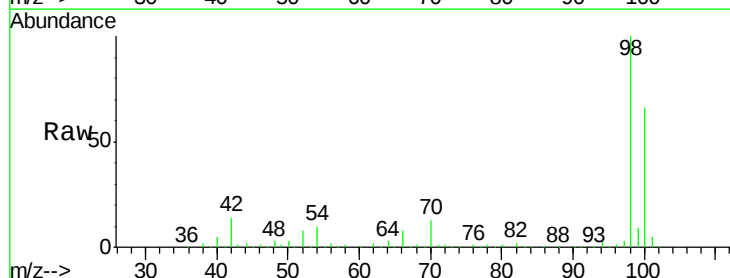
Acq: 29 Oct 2020 15:21

Tgt Ion: 98 Resp: 496087

Ion Ratio Lower Upper

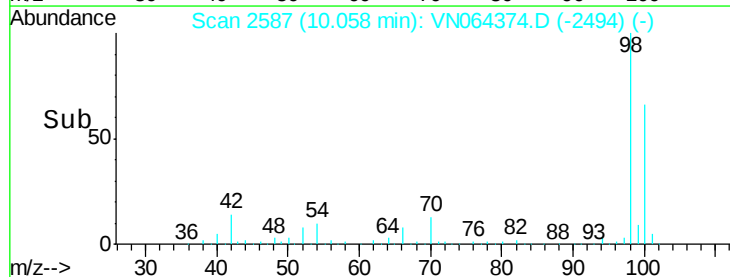
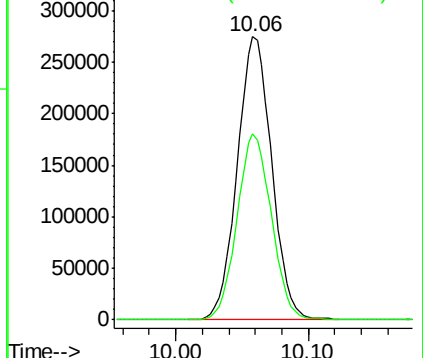
98 100

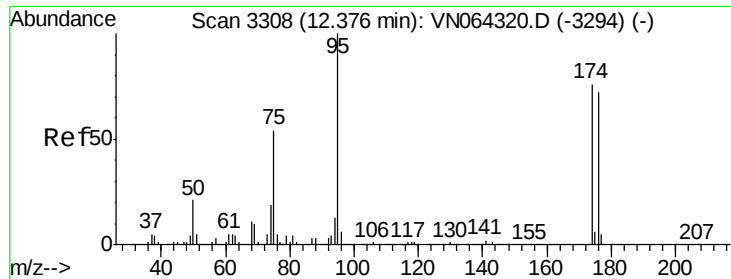
100 65.4 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN

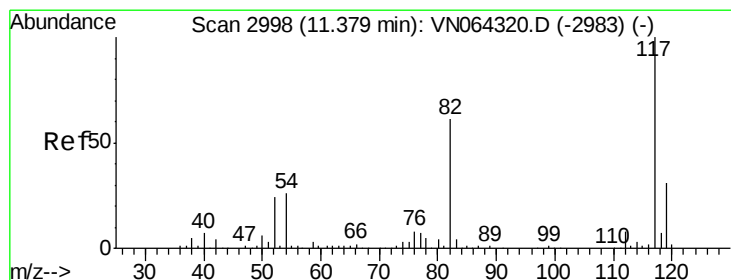
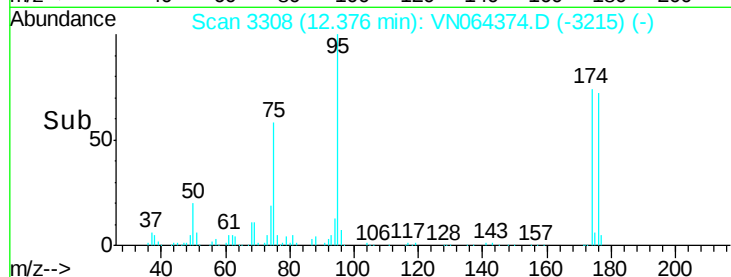
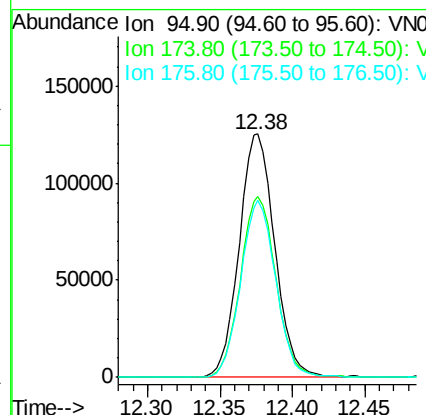
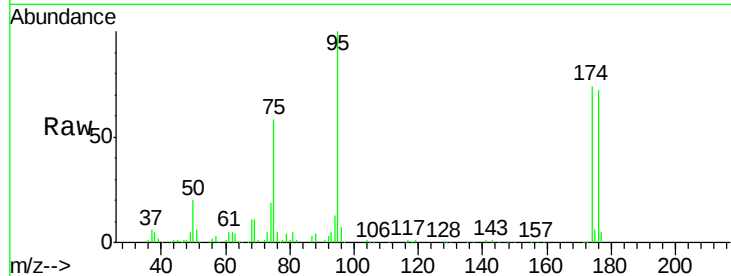




#62
4-Bromofluorobenzene
Concen: 54.385 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064374.D
Acq: 29 Oct 2020 15:21

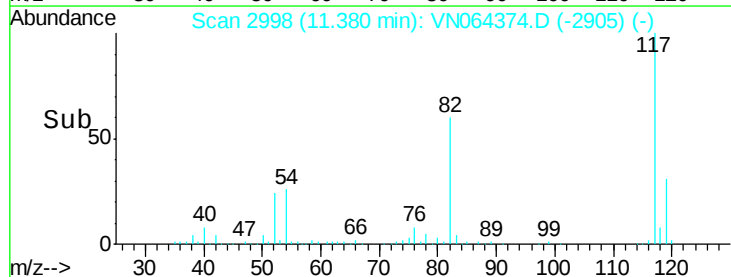
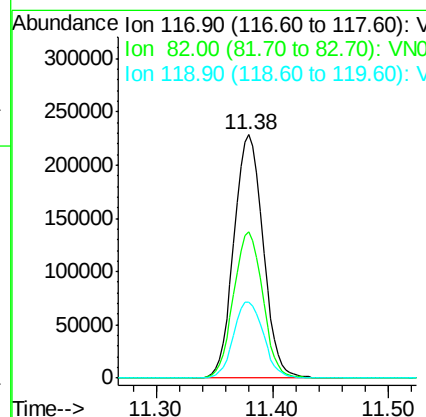
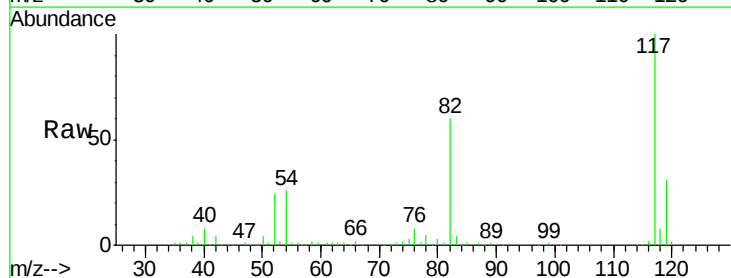
Instrument :
MSVOA_N
ClientSampleId :
AU-05-102820

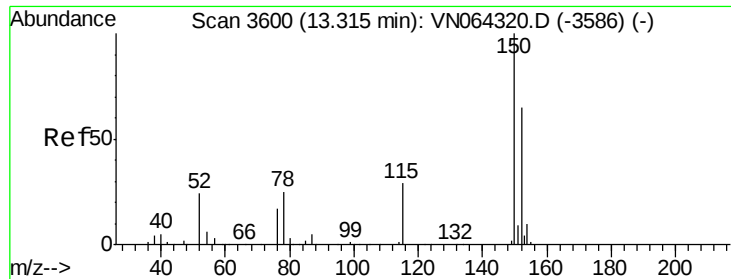
Tot Ion	95	Resp	214015
Ion Ratio	Lower	Upper	
95	100		
174	74.4	0.0	147.4
176	71.5	0.0	143.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064374.D
Acq: 29 Oct 2020 15:21

Tgt Ion	117	Resp	400016
Ion Ratio	Lower	Upper	
117	100		
82	60.1	48.8	73.2
119	31.2	25.1	37.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN064374.D

Acq: 29 Oct 2020 15:21

Instrument :

MSVOA_N

ClientSampleId :

AU-05-102820

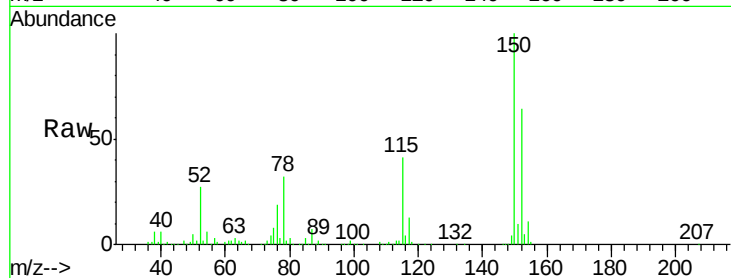
Tot Ion:152 Resp: 170189

Ion Ratio Lower Upper

152 100

115 65.1 31.5 94.5

150 158.5 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

