

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102920\
 Data File : VN064382.D
 Acq On : 29 Oct 2020 18:31
 Operator : JC/MD
 Sample : L4215-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AU-05-102820

Quant Time: Oct 30 08:00:43 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

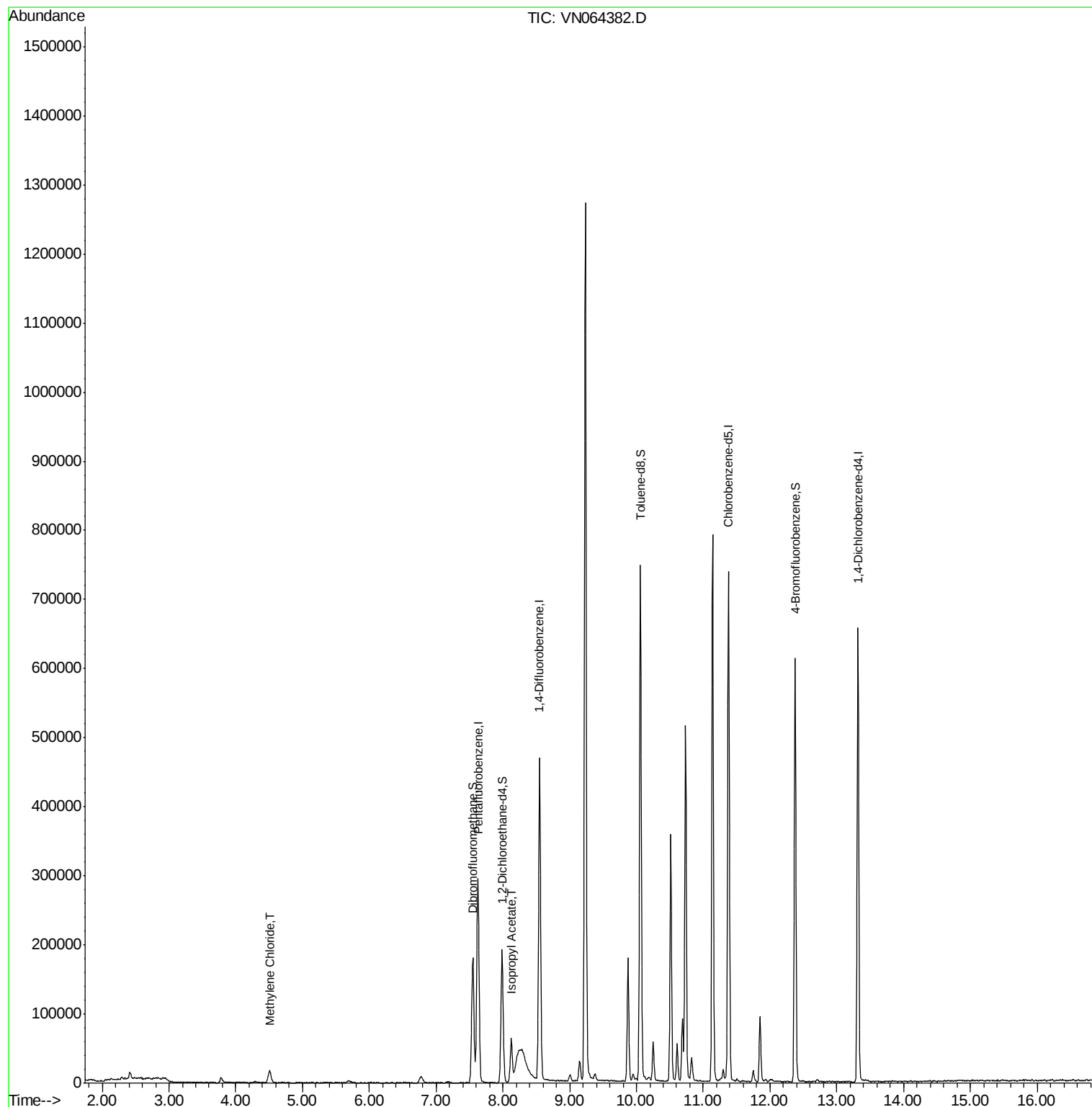
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	216264	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	393884	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	390564	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	158914	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	175343	50.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.90%	
35) Dibromofluoromethane	7.55	113	132089	50.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.58%	
50) Toluene-d8	10.06	98	491832	50.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.24%	
62) 4-Bromofluorobenzene	12.38	95	207762	54.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.70%	
Target Compounds						
20) Methylene Chloride	4.51	84	13636	5.533	ug/l #	86
43) Isopropyl Acetate	8.13	43	77610	11.307	ug/l #	90

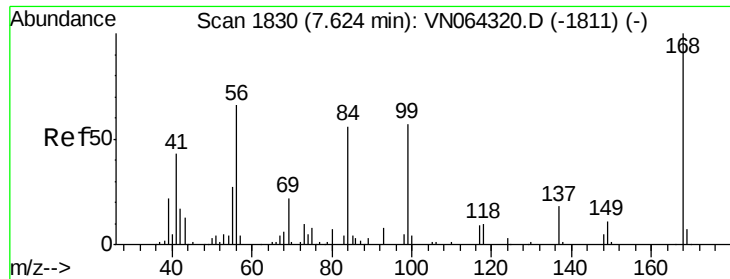
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN064382.D

Acq: 29 Oct 2020 18:31

Instrument :

MSVOA_N

ClientSampleId :

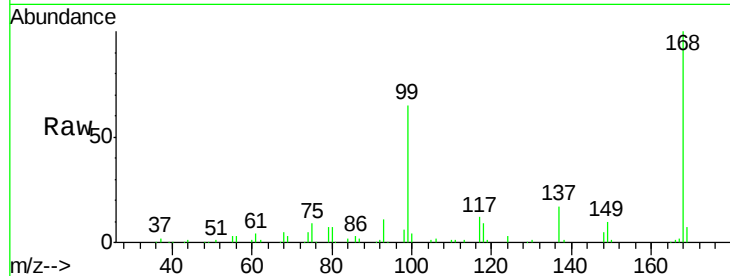
AU-05-102820

Tot Ion:168 Resp: 216264

Ion Ratio Lower Upper

168 100

99 64.9 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

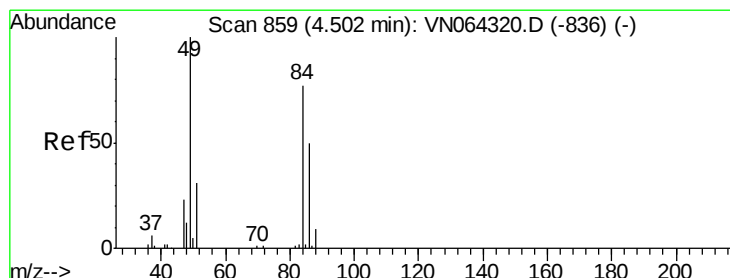
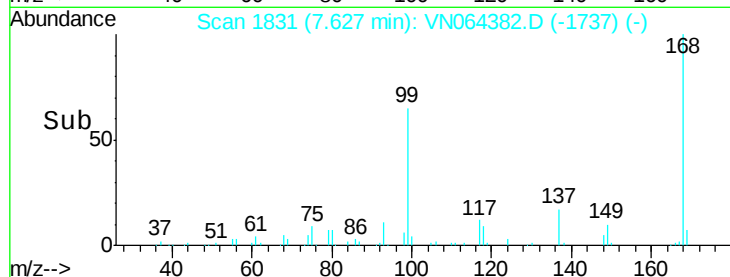
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 5.533 ug/l

RT: 4.51 min Scan# 862

Delta R.T. 0.01 min

Lab File: VN064382.D

Acq: 29 Oct 2020 18:31

Tgt Ion: 84 Resp: 13636

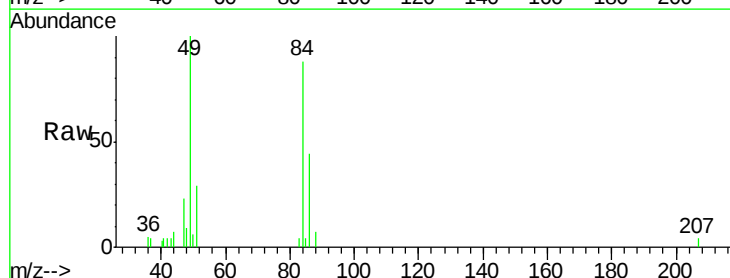
Ion Ratio Lower Upper

84 100

49 113.8 103.6 155.4

51 32.7 31.8 47.8

86 49.8 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

4.51

8000

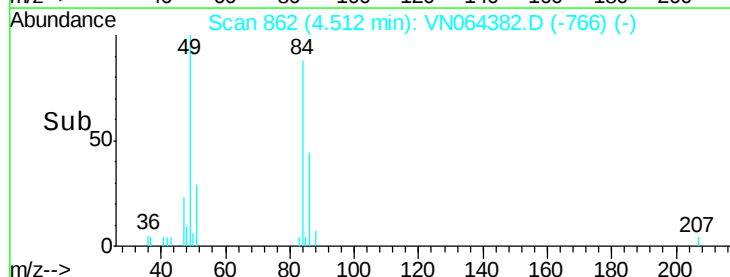
6000

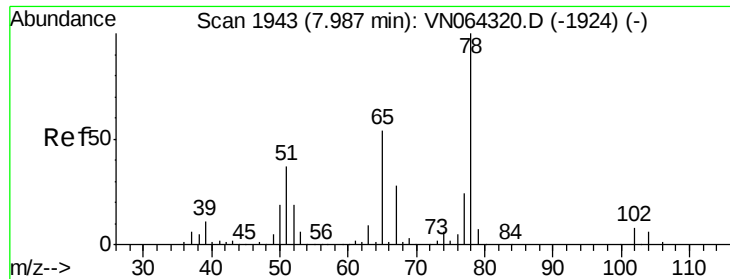
4000

2000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 50.454 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064382.D

Acq: 29 Oct 2020 18:31

Instrument :

MSVOA_N

ClientSampleId :

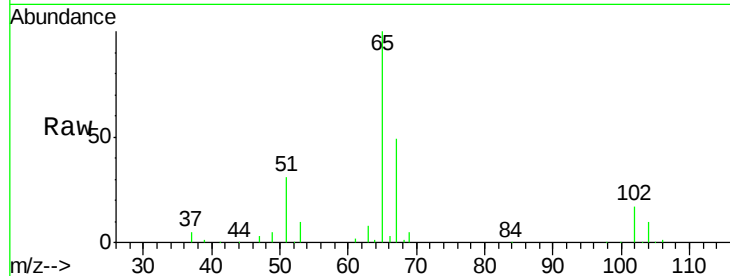
AU-05-102820

Tot Ion: 65 Resp: 175343

Ion Ratio Lower Upper

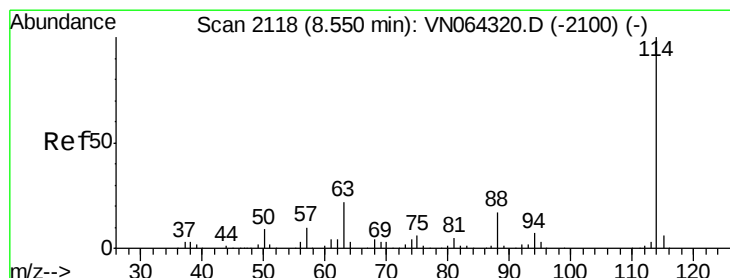
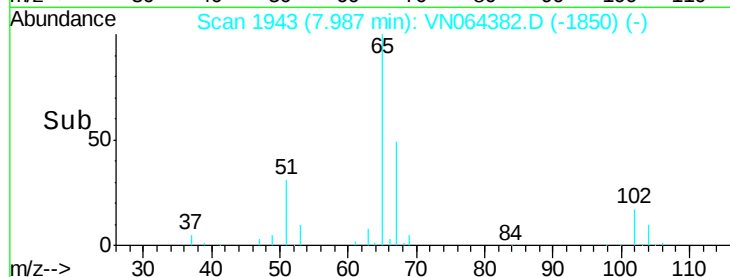
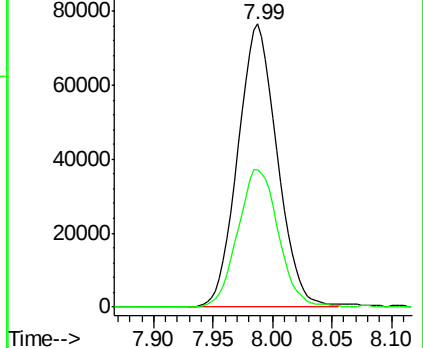
65 100

67 50.1 0.0 99.2



Abundance Ion 64.90 (64.60 to 65.60): VN064382.D (-1850) (-)

Ion 66.90 (66.60 to 67.60): VN064382.D (-1850) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN064382.D

Acq: 29 Oct 2020 18:31

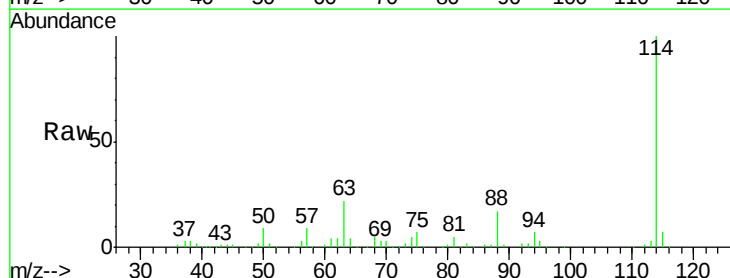
Tgt Ion: 114 Resp: 393884

Ion Ratio Lower Upper

114 100

63 21.7 0.0 44.6

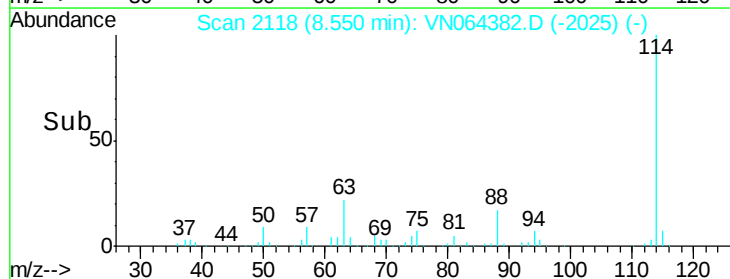
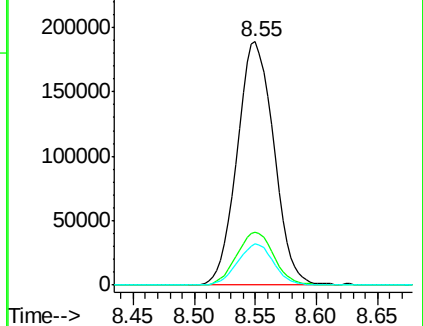
88 16.8 0.0 33.4

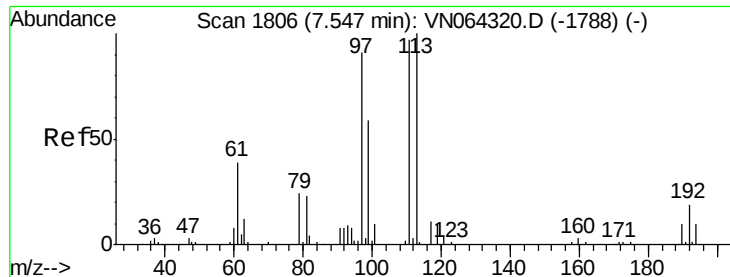


Abundance Ion 113.90 (113.60 to 114.60): VN064382.D (-2025) (-)

Ion 63.00 (62.70 to 63.70): VN064382.D (-2025) (-)

Ion 87.90 (87.60 to 88.60): VN064382.D (-2025) (-)

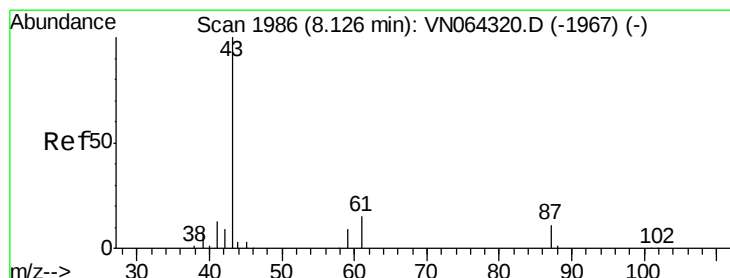
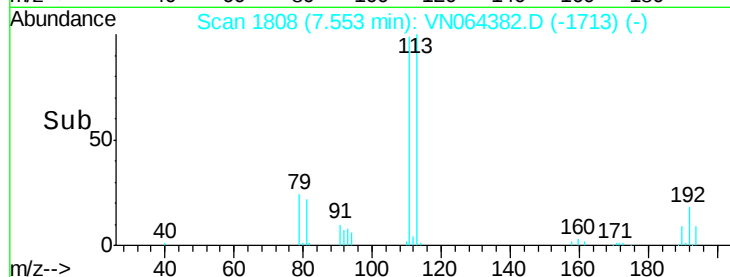
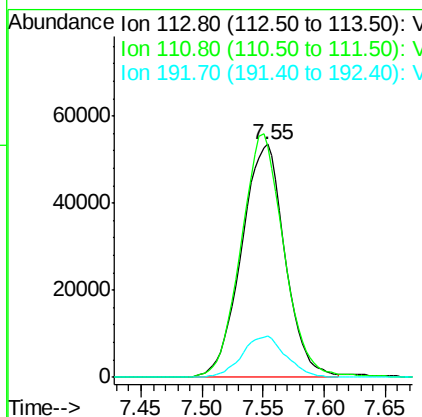
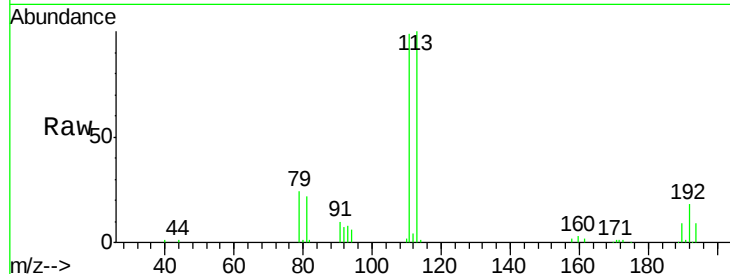




#35
 Dibromofluoromethane
 Concen: 50.287 ug/l
 RT: 7.55 min Scan# 1808
 Delta R.T. 0.01 min
 Lab File: VN064382.D
 Acq: 29 Oct 2020 18:31

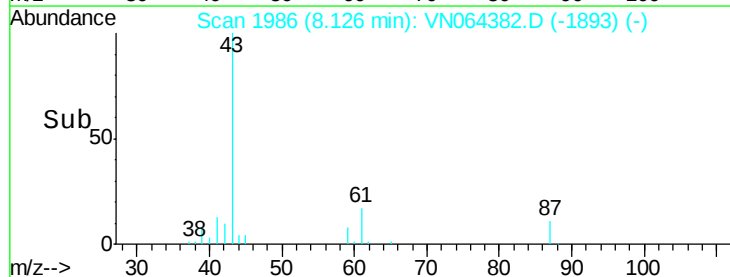
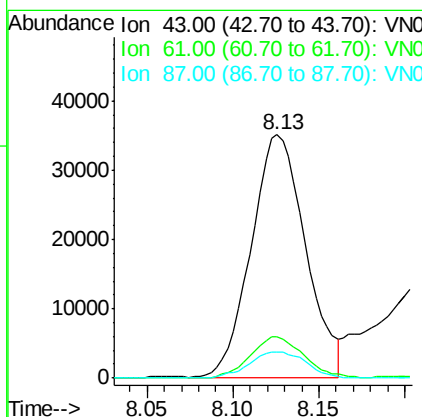
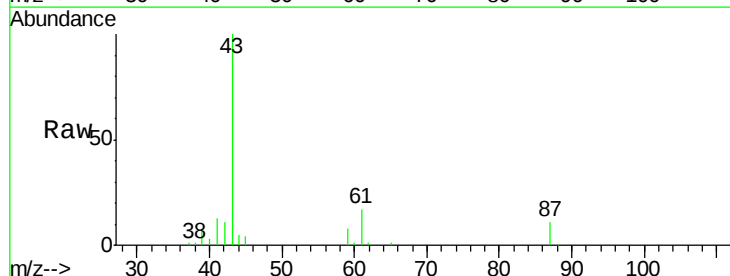
Instrument :
 MSVOA_N
 ClientSampleId :
 AU-05-102820

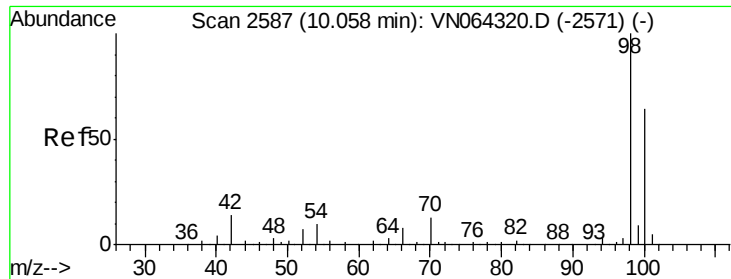
Tot Ion:113 Resp: 132089
 Ion Ratio Lower Upper
 113 100
 111 103.3 81.5 122.3
 192 17.9 15.0 22.4



#43
 Isopropyl Acetate
 Concen: 11.307 ug/l
 RT: 8.13 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VN064382.D
 Acq: 29 Oct 2020 18:31

Tgt Ion: 43 Resp: 77610
 Ion Ratio Lower Upper
 43 100
 61 16.5 19.1 28.7#
 87 11.2 9.3 13.9





#50

Toluene-d8

Concen: 50.621 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064382.D

Acq: 29 Oct 2020 18:31

Instrument :

MSVOA_N

ClientSampleId :

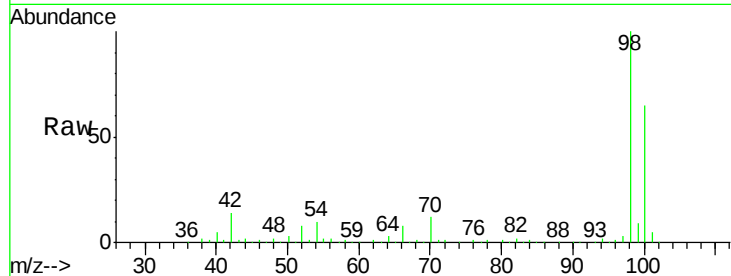
AU-05-102820

Tot Ion: 98 Resp: 491832

Ion Ratio Lower Upper

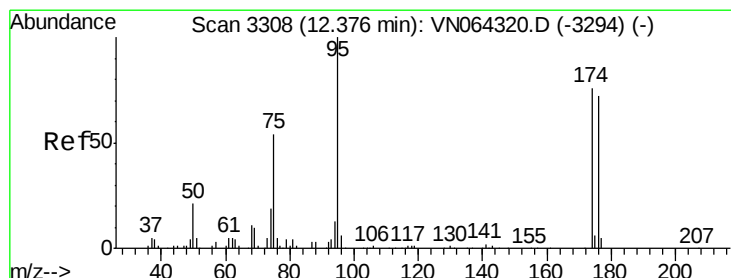
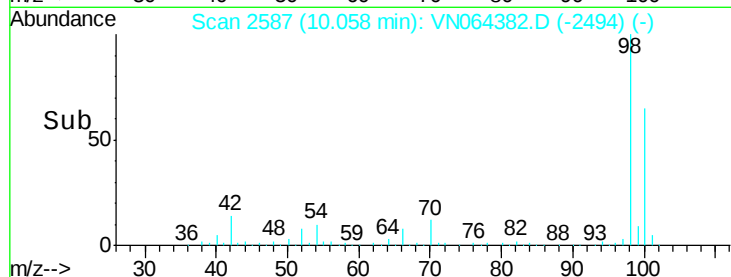
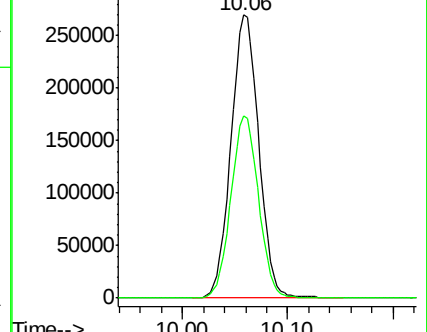
98 100

100 63.9 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) (-)



#62

4-Bromofluorobenzene

Concen: 54.845 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064382.D

Acq: 29 Oct 2020 18:31

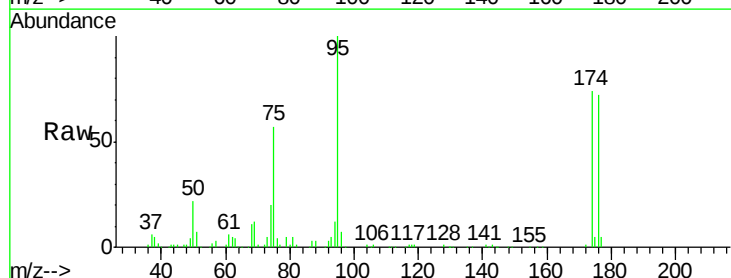
Tgt Ion: 95 Resp: 207762

Ion Ratio Lower Upper

95 100

174 74.1 0.0 147.4

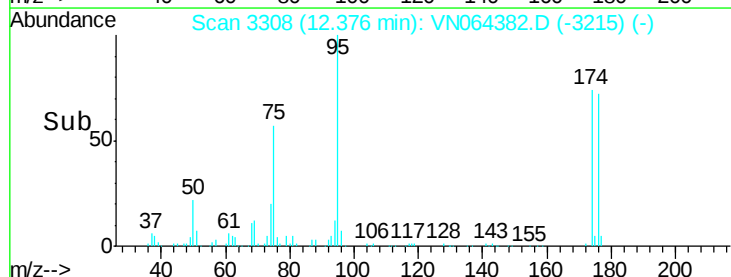
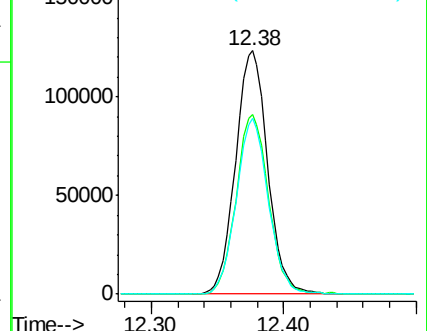
176 72.0 0.0 143.6

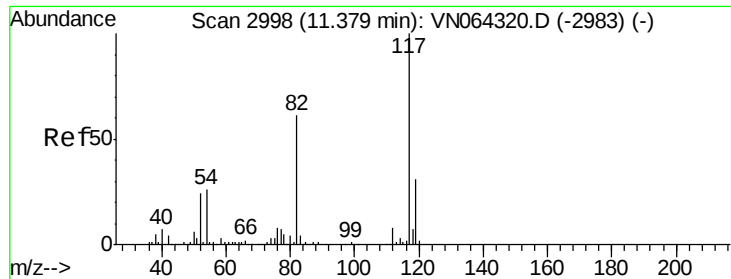


Abundance Ion 94.90 (94.60 to 95.60): VN064320.D (-3294) (-)

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

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

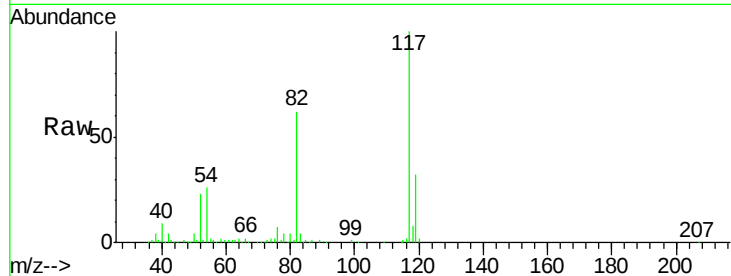




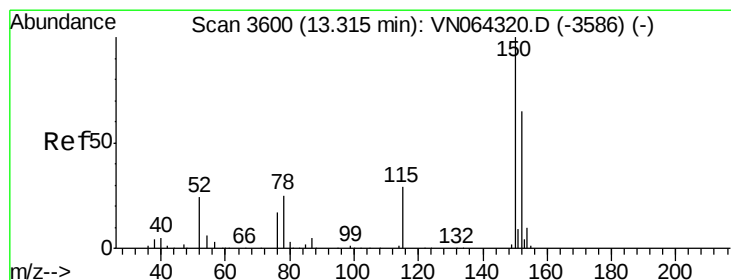
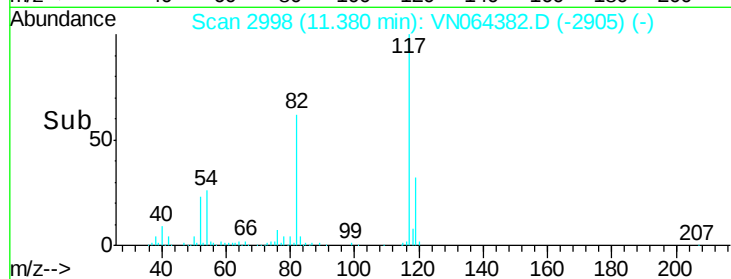
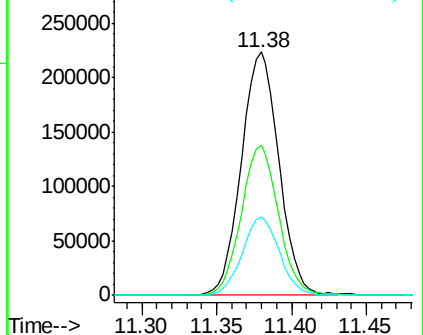
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064382.D
Acq: 29 Oct 2020 18:31

Instrument :
MSVOA_N
ClientSampleId :
AU-05-102820

Tot Ion	Ratio	Lower	Upper
117	100		
82	61.9	48.8	73.2
119	32.4	25.1	37.7

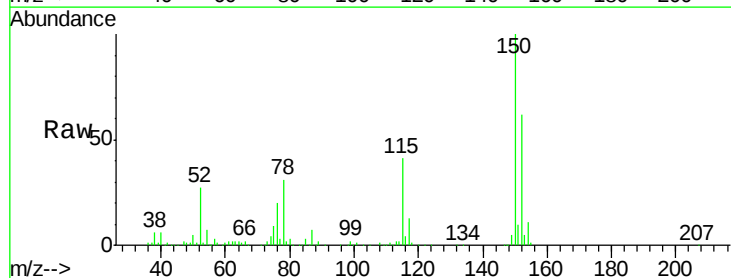


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064382.D
Acq: 29 Oct 2020 18:31

Tgt Ion	Ratio	Lower	Upper
152	100		
115	67.0	31.5	94.5
150	161.7	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

