

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102920\
 Data File : VN064377.D
 Acq On : 29 Oct 2020 16:33
 Operator : JC/MD
 Sample : PB132688ZHE#08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB132688ZHE#08

Quant Time: Oct 30 07:48:11 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

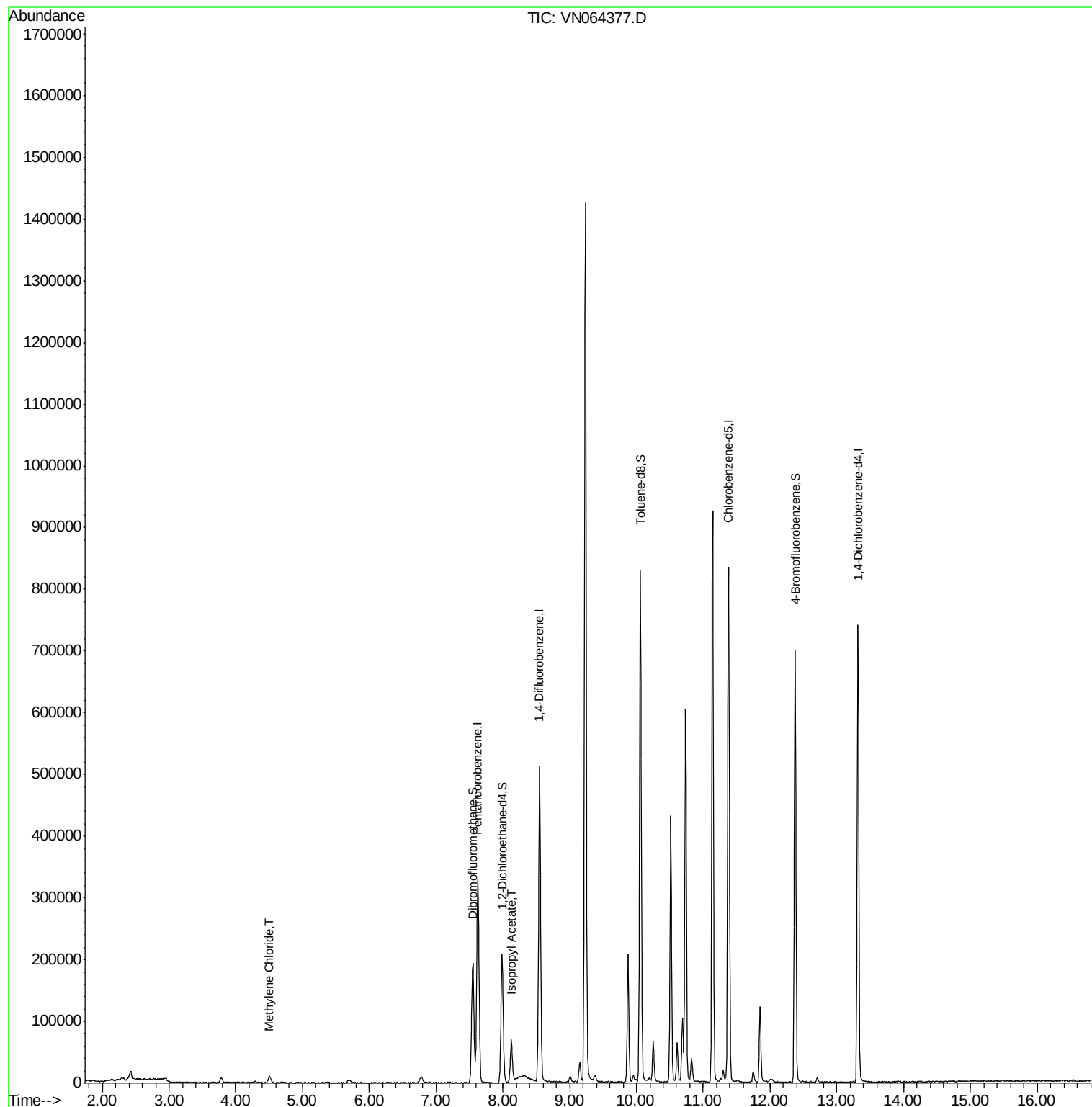
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	248222	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	431211	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	448505	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	184609	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	196514	49.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.54%	
35) Dibromofluoromethane	7.55	113	142829	49.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.34%	
50) Toluene-d8	10.06	98	544575	51.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.40%	
62) 4-Bromofluorobenzene	12.38	95	236820	57.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.20%	
Target Compounds						
20) Methylene Chloride	4.50	84	7273	2.571	ug/l	90
43) Isopropyl Acetate	8.13	43	86038	11.450	ug/l #	91

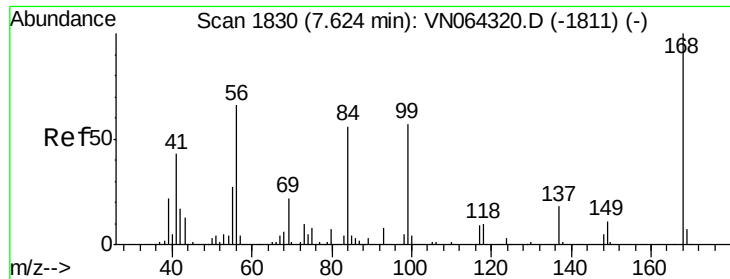
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN064377.D

Acq: 29 Oct 2020 16:33

Instrument :

MSVOA_N

ClientSampleId :

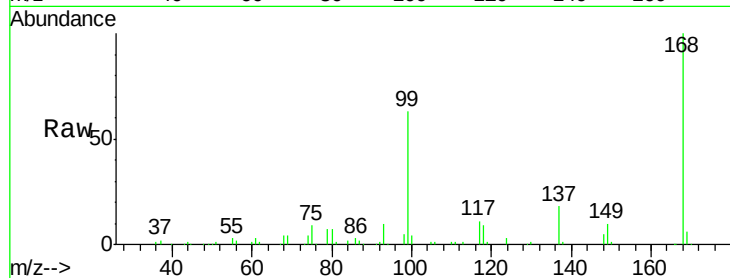
PB132688ZHE#08

Tot Ion:168 Resp: 248222

Ion Ratio Lower Upper

168 100

99 62.6 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

120000

100000

80000

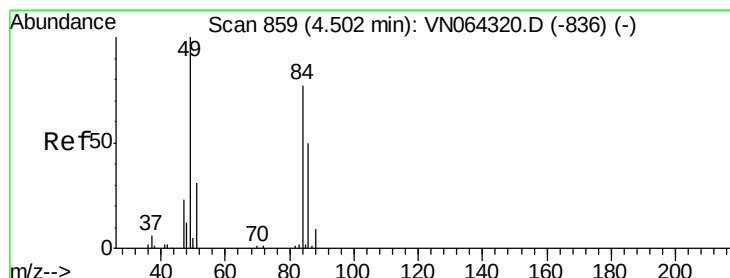
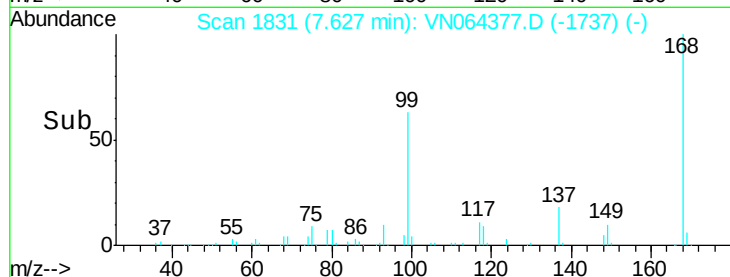
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#20

Methylene Chloride

Concen: 2.571 ug/l

RT: 4.50 min Scan# 858

Delta R.T. -0.00 min

Lab File: VN064377.D

Acq: 29 Oct 2020 16:33

Tgt Ion: 84 Resp: 7273

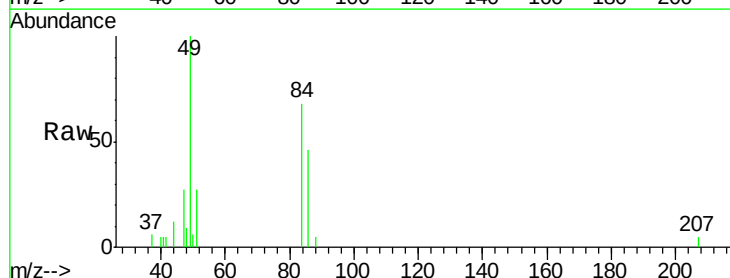
Ion Ratio Lower Upper

84 100

49 147.4 103.6 155.4

51 39.8 31.8 47.8

86 68.4 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

5000

4000

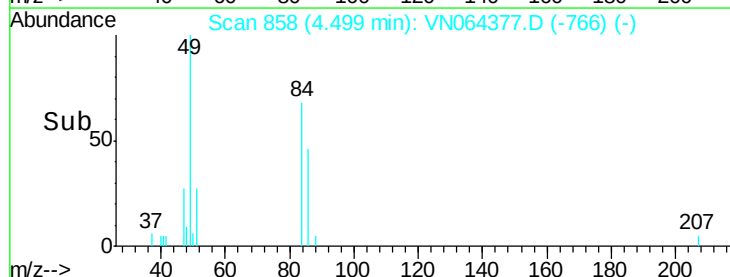
3000

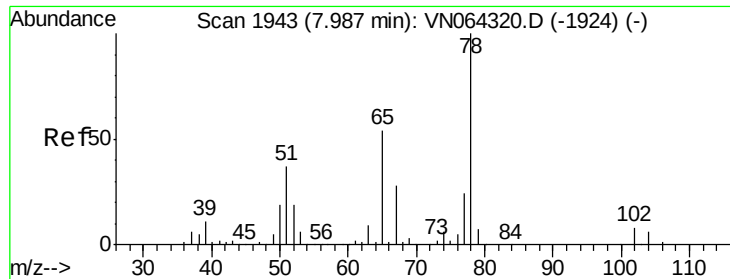
2000

1000

0

Time--> 4.40 4.45 4.50 4.55 4.60

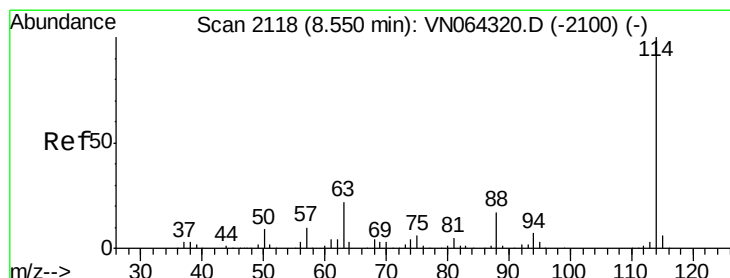
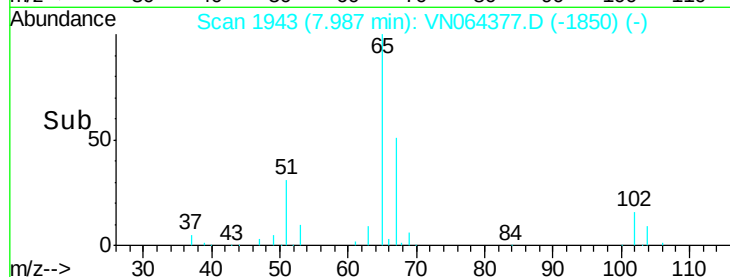
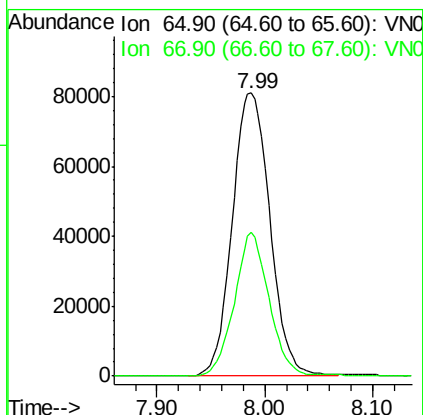
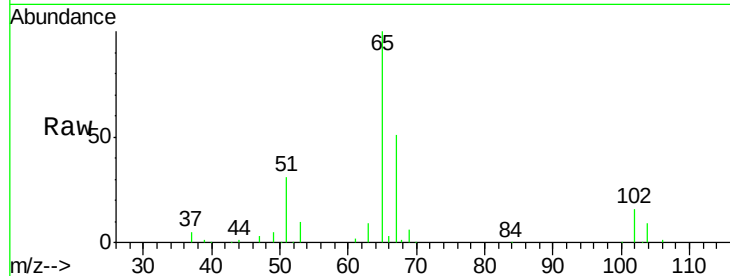




#33
 1,2-Dichloroethane-d4
 Concen: 49.265 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064377.D
 Acq: 29 Oct 2020 16:33

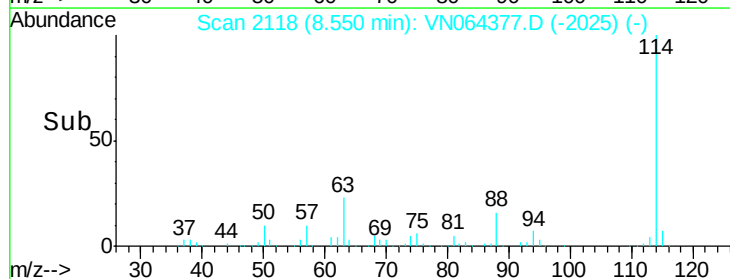
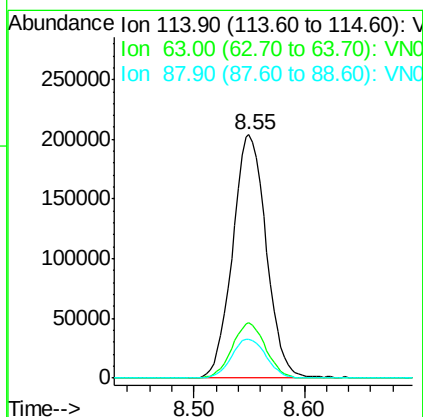
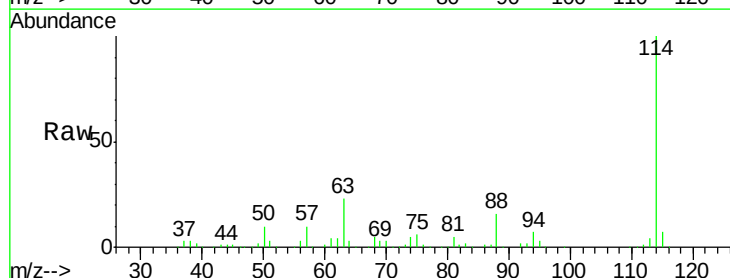
Instrument :
 MSVOA_N
 ClientSampleId :
 PB132688ZHE#08

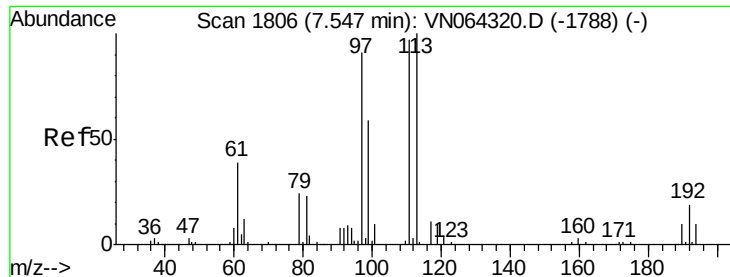
Tot Ion: 65 Resp: 196514
 Ion Ratio Lower Upper
 65 100
 67 46.6 0.0 99.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064377.D
 Acq: 29 Oct 2020 16:33

Tgt Ion: 114 Resp: 431211
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 44.6
 88 15.8 0.0 33.4

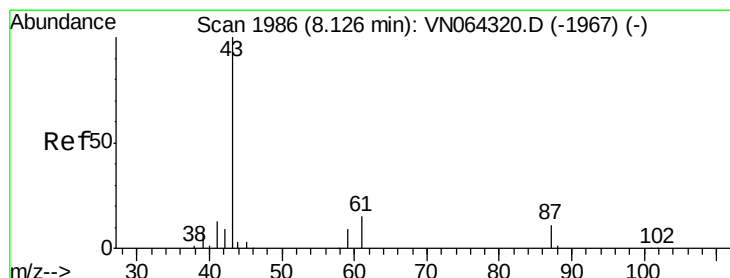
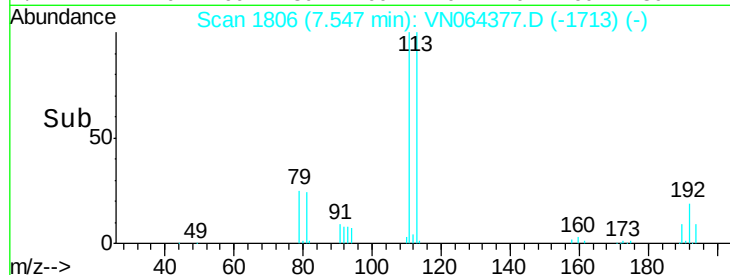
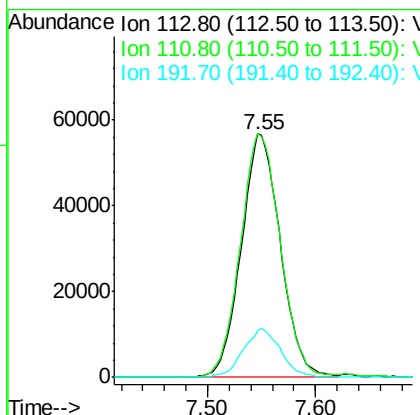
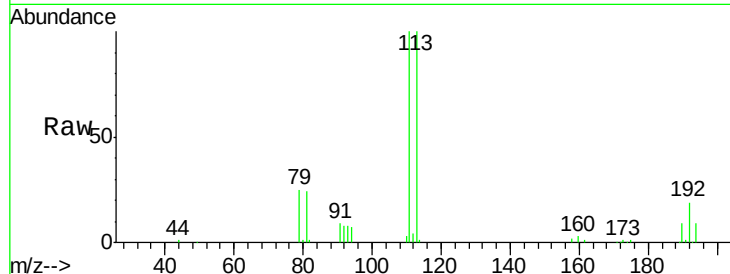




#35
 Dibromofluoromethane
 Concen: 49.669 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. 0.00 min
 Lab File: VN064377.D
 Acq: 29 Oct 2020 16:33

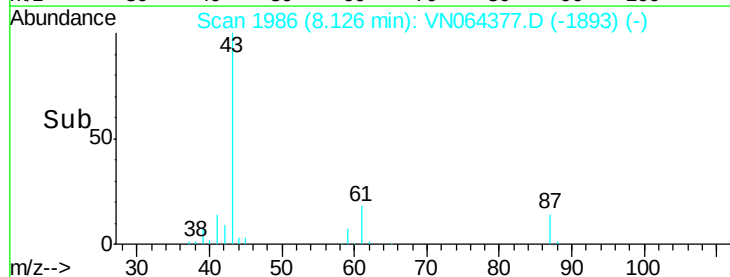
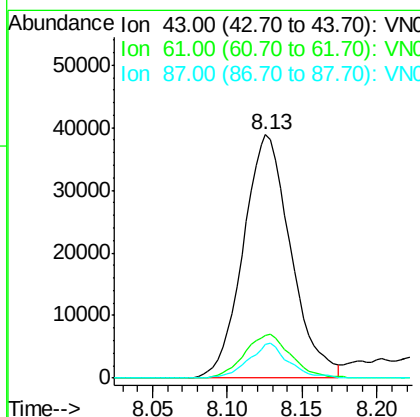
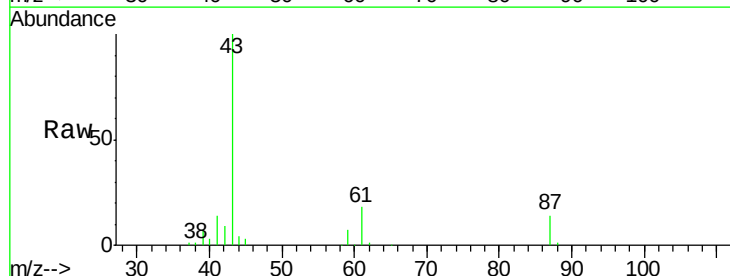
Instrument :
 MSVOA_N
 ClientSampleId :
 PB132688ZHE#08

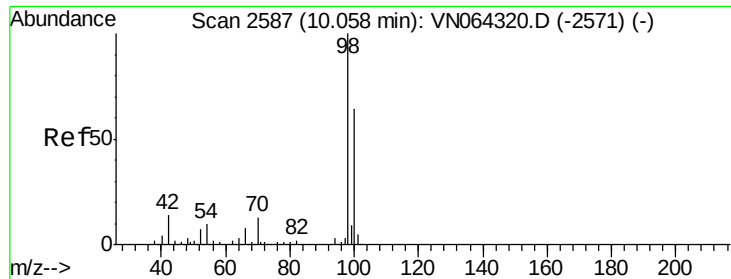
Tot Ion:113 Resp: 142829
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.5 122.3
 192 19.0 15.0 22.4



#43
 Isopropyl Acetate
 Concen: 11.450 ug/l
 RT: 8.13 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VN064377.D
 Acq: 29 Oct 2020 16:33

Tgt Ion: 43 Resp: 86038
 Ion Ratio Lower Upper
 43 100
 61 17.6 19.1 28.7#
 87 12.0 9.3 13.9





#50

Toluene-d8

Concen: 51.198 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064377.D

Acq: 29 Oct 2020 16:33

Instrument :

MSVOA_N

ClientSampleId :

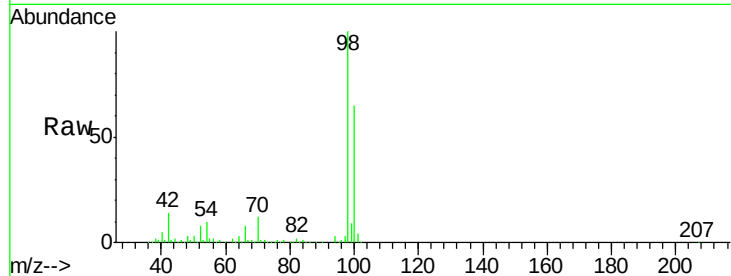
PB132688ZHE#08

Tot Ion: 98 Resp: 544575

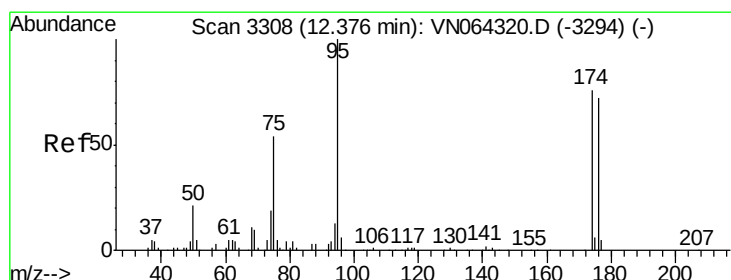
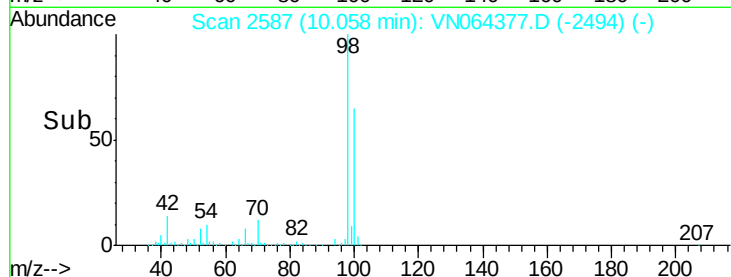
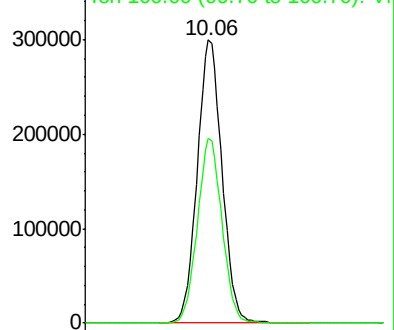
Ion Ratio Lower Upper

98 100

100 64.8 50.9 76.3



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



#62

4-Bromofluorobenzene

Concen: 57.104 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064377.D

Acq: 29 Oct 2020 16:33

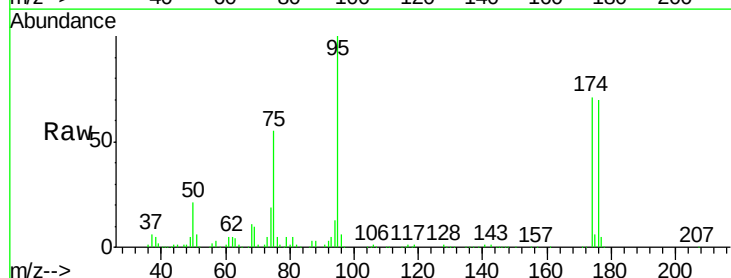
Tgt Ion: 95 Resp: 236820

Ion Ratio Lower Upper

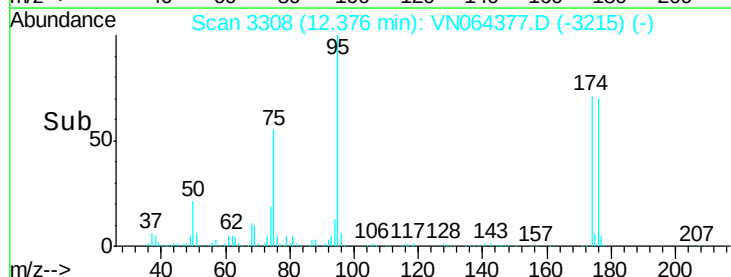
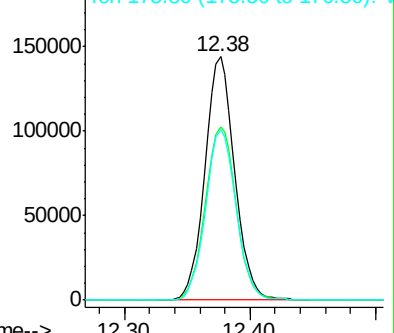
95 100

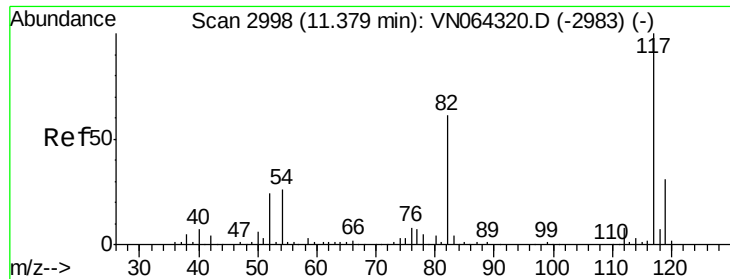
174 74.6 0.0 147.4

176 72.2 0.0 143.6



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

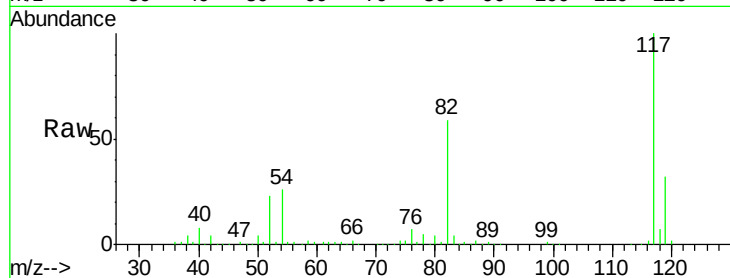




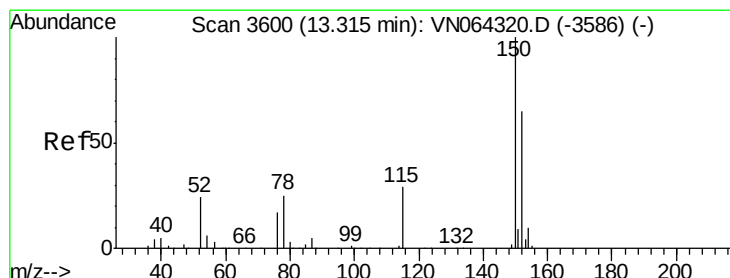
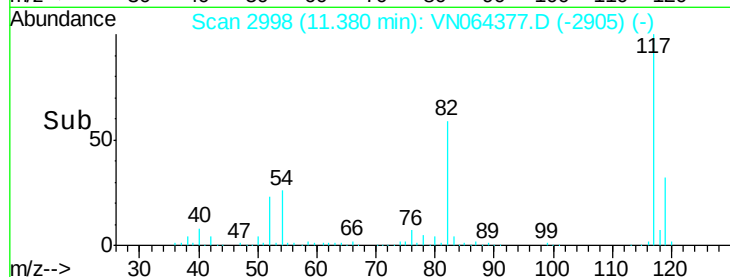
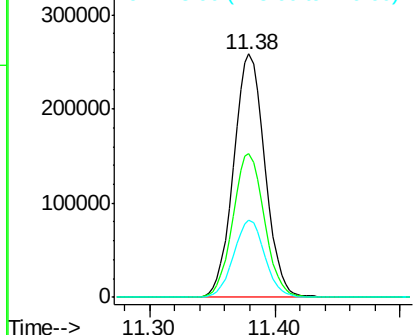
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064377.D
Acq: 29 Oct 2020 16:33

Instrument :
MSVOA_N
ClientSampleId :
PB132688ZHE#08

Tot Ion:117 Resp: 448505
Ion Ratio Lower Upper
117 100
82 58.9 48.8 73.2
119 31.7 25.1 37.7

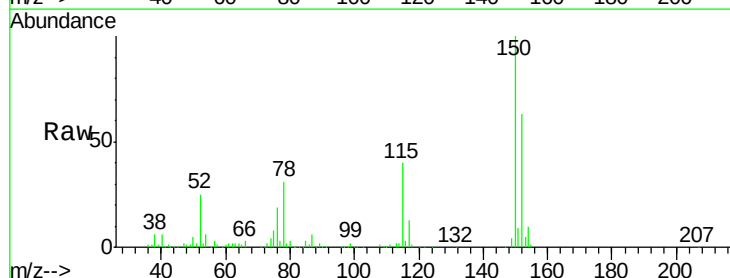


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064377.D
Acq: 29 Oct 2020 16:33

Tgt Ion:152 Resp: 184609
Ion Ratio Lower Upper
152 100
115 64.8 31.5 94.5
150 160.0 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

