

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111020\
 Data File : VN064537.D
 Acq On : 10 Nov 2020 19:50
 Operator : JC/MD
 Sample : PB132908ZHE#03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB132908ZHE#03

Quant Time: Nov 11 03:29:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

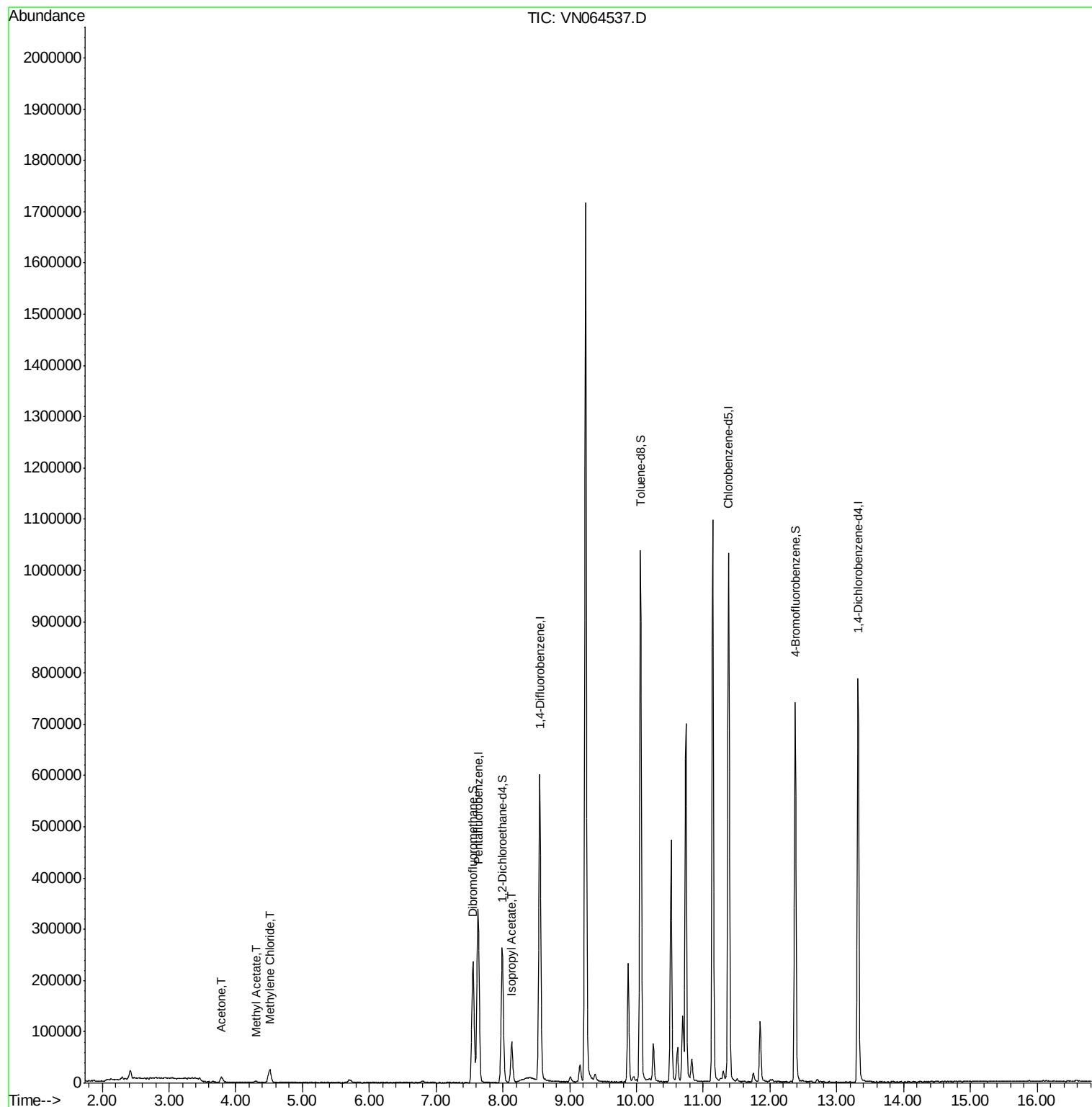
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	244380	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	492709	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	558488	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	198439	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	238668	56.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.14%	
35) Dibromofluoromethane	7.55	113	178444	53.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.38%	
50) Toluene-d8	10.06	98	683550	52.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.44%	
62) 4-Bromofluorobenzene	12.38	95	257292	52.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.94%	
Target Compounds						
16) Acetone	3.79	43	18591	11.466	ug/l	96
18) Methyl Acetate	4.29	43	4874	1.529	ug/l #	76
20) Methylene Chloride	4.51	84	17457	5.426	ug/l	97
43) Isopropyl Acetate	8.13	43	91794	10.882	ug/l	98

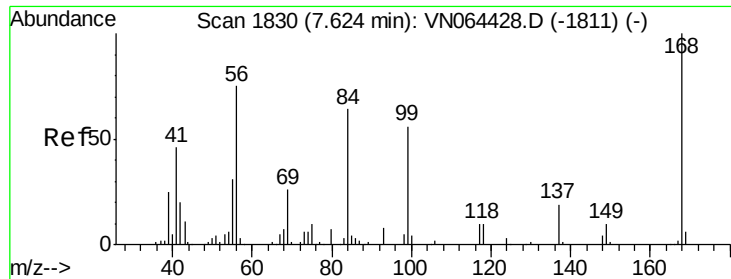
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064537.D

Acq: 10 Nov 2020 19:50

Instrument :

MSVOA_N

ClientSampleId :

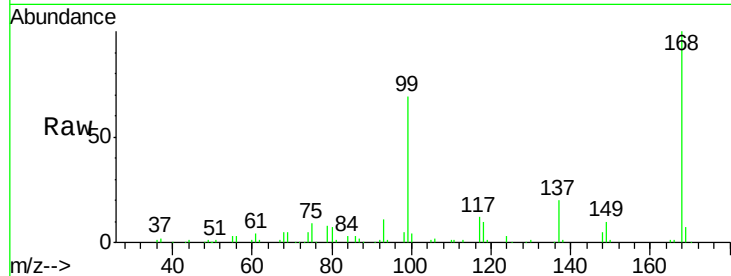
PB132908ZHE#03

Tot Ion:168 Resp: 244380

Ion Ratio Lower Upper

168 100

99 68.8 53.4 80.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

120000

100000

80000

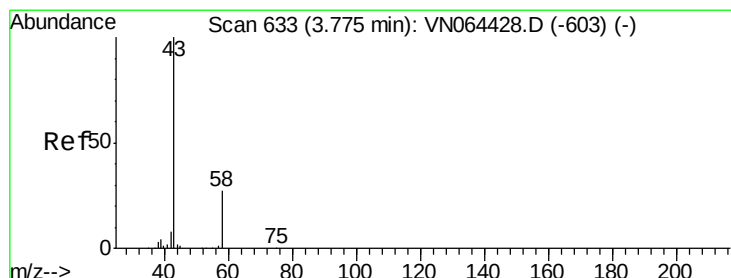
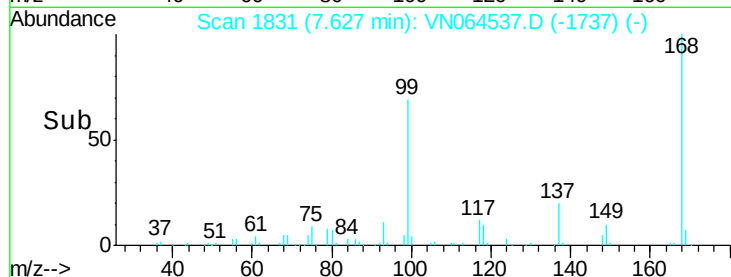
60000

40000

20000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 11.466 ug/l

RT: 3.79 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN064537.D

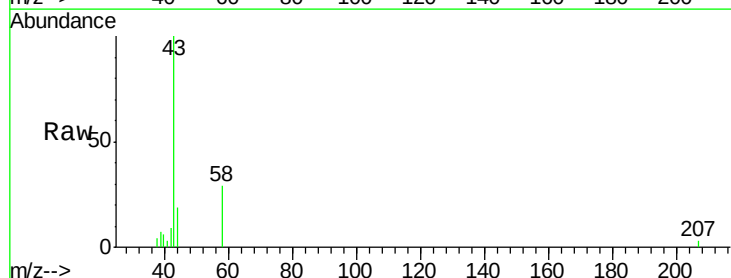
Acq: 10 Nov 2020 19:50

Tgt Ion: 43 Resp: 18591

Ion Ratio Lower Upper

43 100

58 28.9 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.79

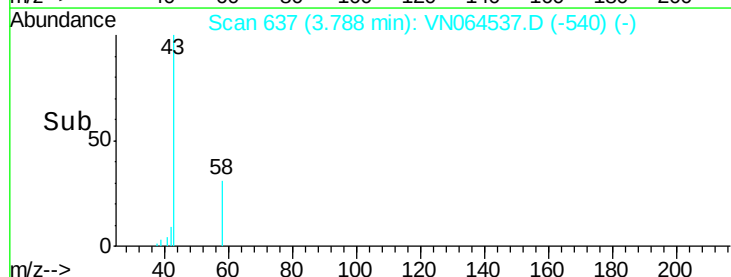
6000

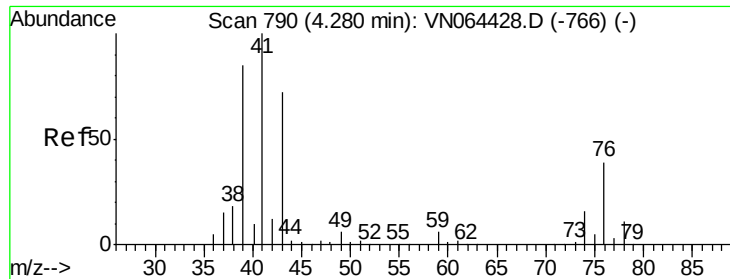
4000

2000

0

Time--> 3.70 3.80 3.90

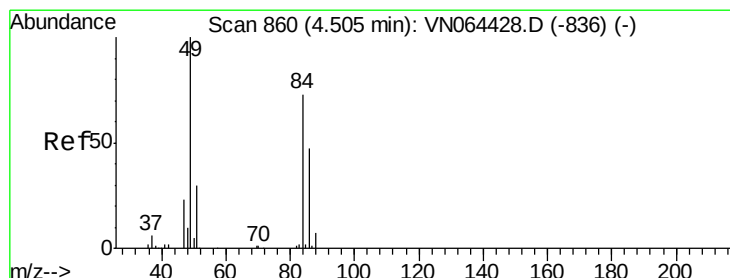
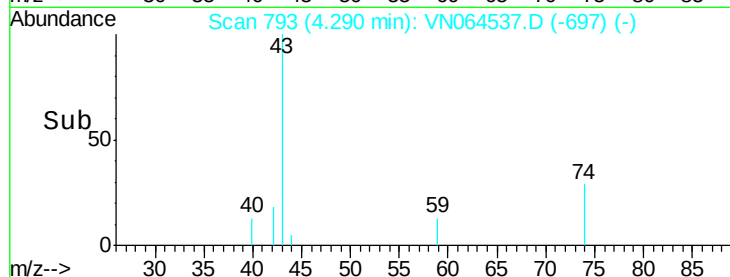
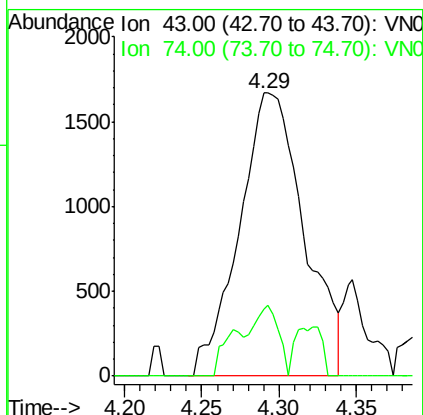
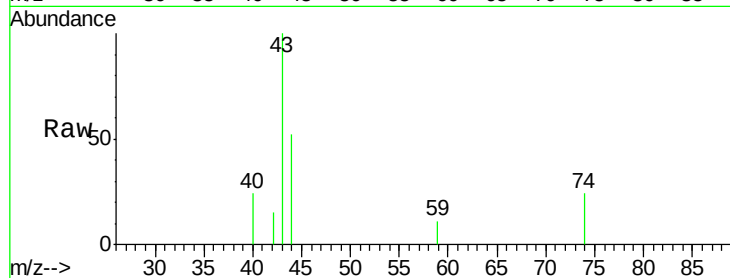




#18
Methyl Acetate
Concen: 1.529 ug/l
RT: 4.29 min Scan# 793
Delta R.T. 0.01 min
Lab File: VN064537.D
Acq: 10 Nov 2020 19:50

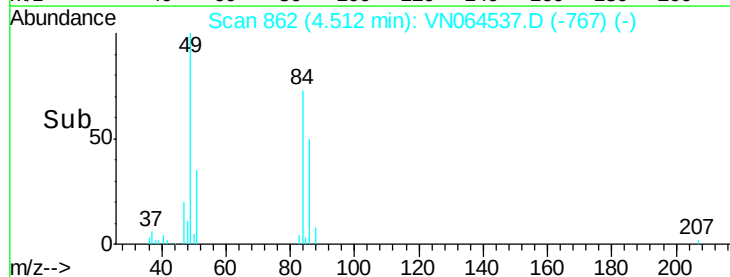
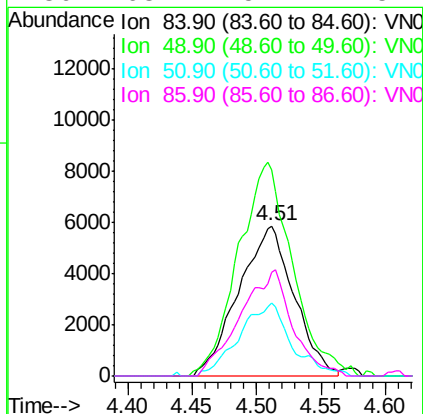
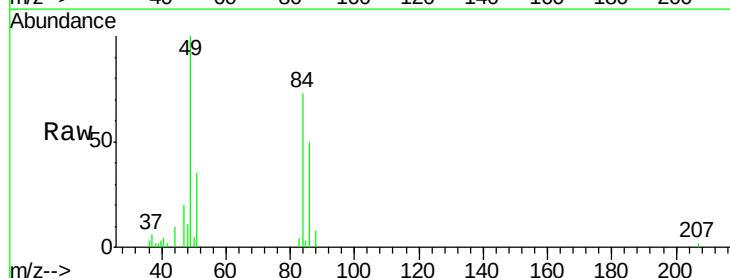
Instrument :
MSVOA_N
ClientSampleId :
PB132908ZHE#03

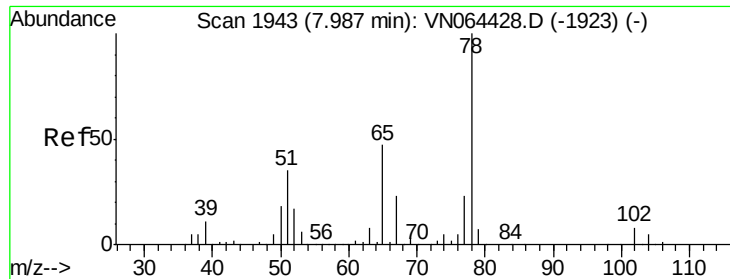
Tot Ion: 43 Resp: 4874
Ion Ratio Lower Upper
43 100
74 10.0 17.0 25.4#



#20
Methylene Chloride
Concen: 5.426 ug/l
RT: 4.51 min Scan# 862
Delta R.T. 0.01 min
Lab File: VN064537.D
Acq: 10 Nov 2020 19:50

Tgt Ion: 84 Resp: 17457
Ion Ratio Lower Upper
84 100
49 137.4 110.1 165.1
51 48.4 33.6 50.4
86 68.7 52.1 78.1

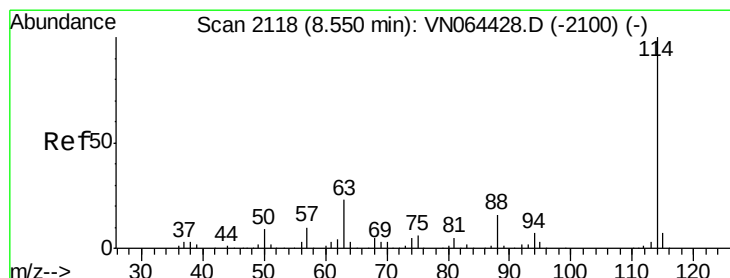
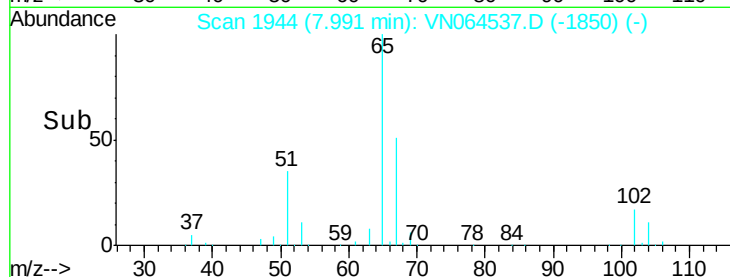
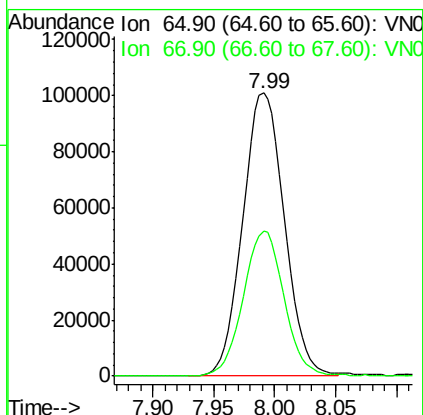
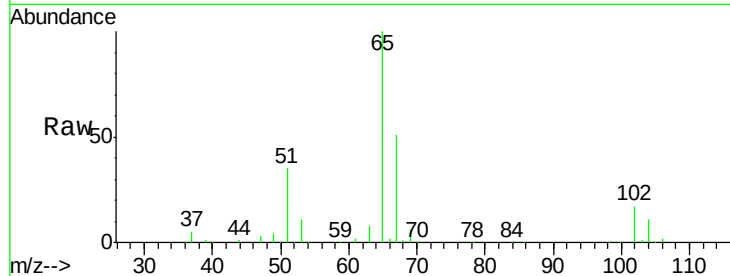




#33
 1,2-Dichloroethane-d4
 Concen: 56.069 ug/l
 RT: 7.99 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VN064537.D
 Acq: 10 Nov 2020 19:50

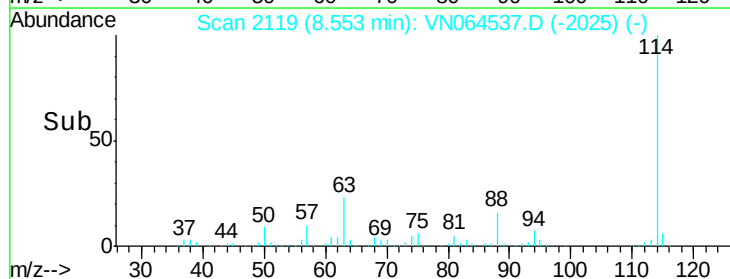
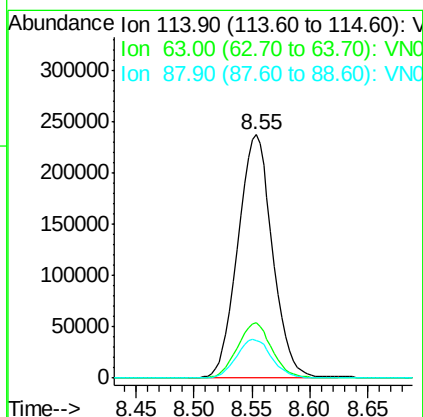
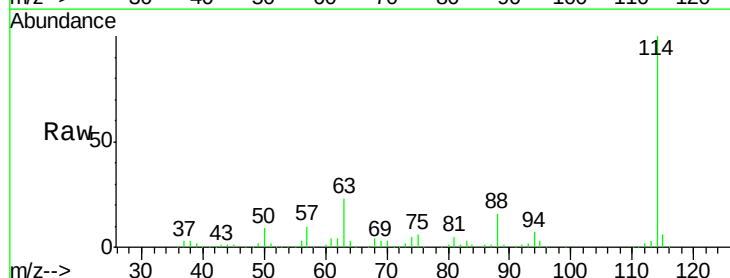
Instrument :
 MSVOA_N
 ClientSampleId :
 PB132908ZHE#03

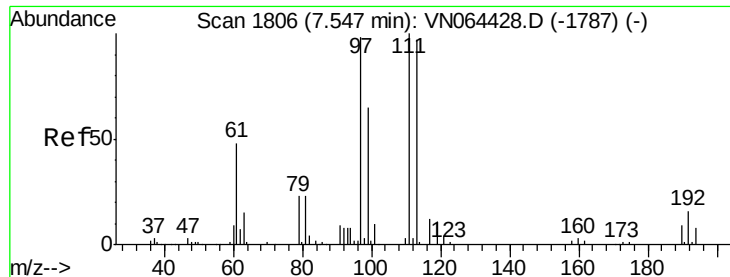
Tot Ion: 65 Resp: 238668
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN064537.D
 Acq: 10 Nov 2020 19:50

Tgt Ion: 114 Resp: 492709
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 45.6
 88 15.5 0.0 32.8

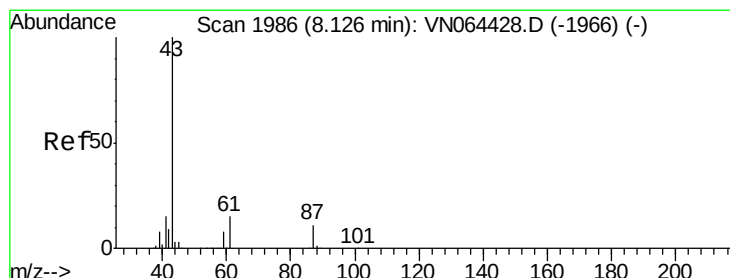
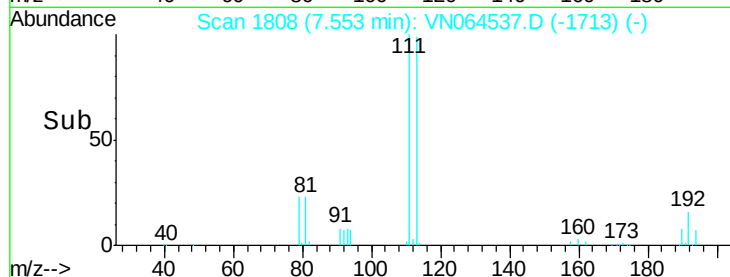
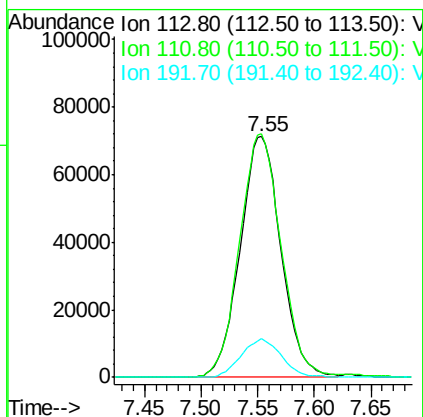
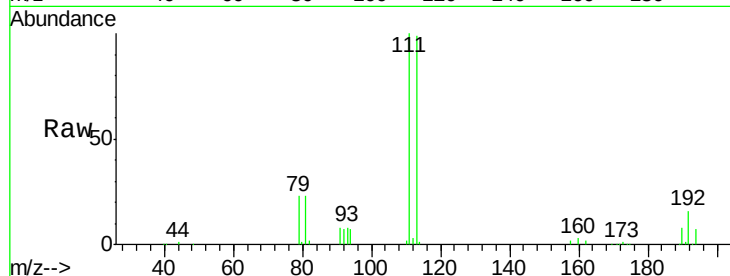




#35
 Dibromofluoromethane
 Concen: 53.193 ug/l
 RT: 7.55 min Scan# 1808
 Delta R.T. 0.01 min
 Lab File: VN064537.D
 Acq: 10 Nov 2020 19:50

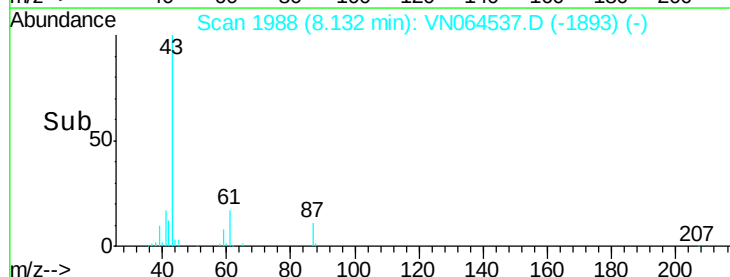
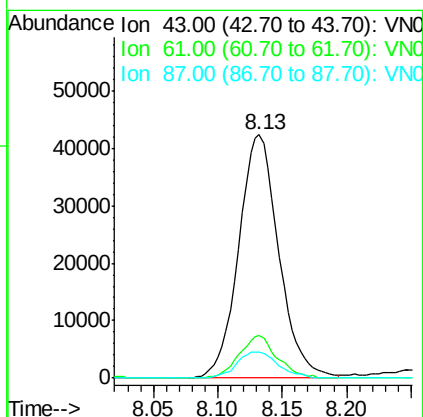
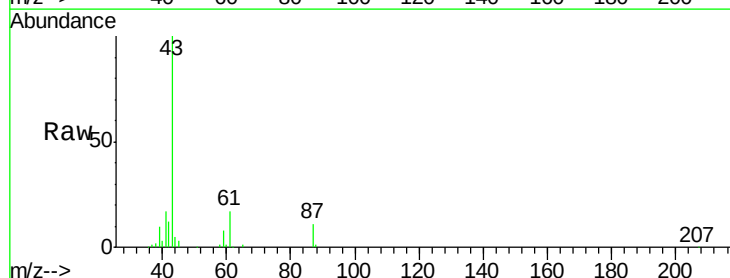
Instrument :
 MSVOA_N
 ClientSampleId :
 PB132908ZHE#03

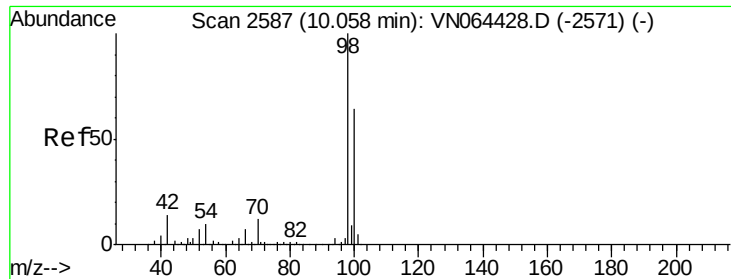
Tot Ion:113 Resp: 178444
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.1 121.7
 192 15.6 12.8 19.2



#43
 Isopropyl Acetate
 Concen: 10.882 ug/l
 RT: 8.13 min Scan# 1988
 Delta R.T. 0.01 min
 Lab File: VN064537.D
 Acq: 10 Nov 2020 19:50

Tgt Ion: 43 Resp: 91794
 Ion Ratio Lower Upper
 43 100
 61 16.3 14.0 21.0
 87 11.1 9.1 13.7





#50

Toluene-d8

Concen: 52.719 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064537.D

Acq: 10 Nov 2020 19:50

Instrument :

MSVOA_N

ClientSampleId :

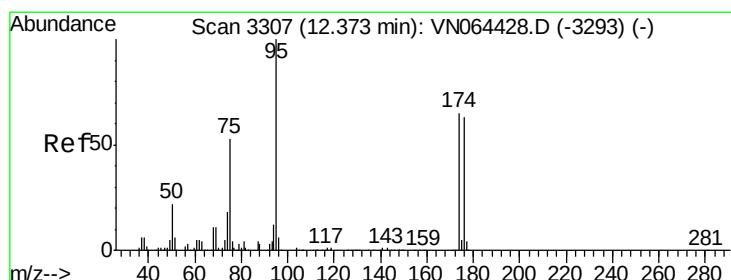
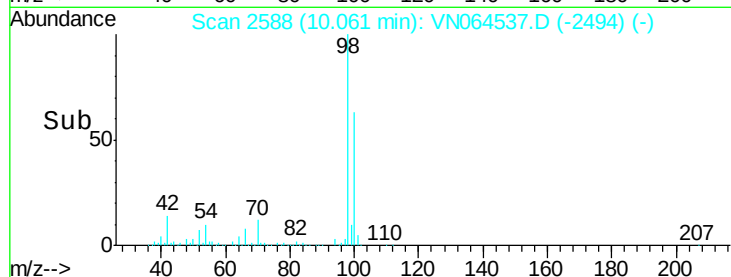
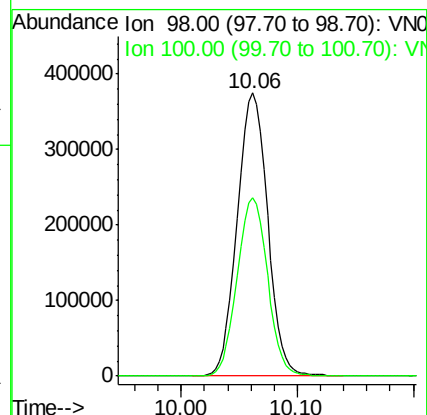
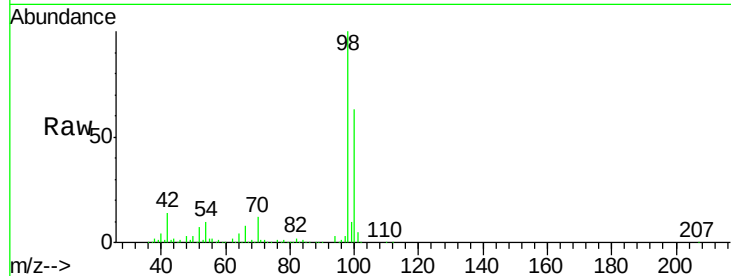
PB132908ZHE#03

Tot Ion: 98 Resp: 683550

Ion Ratio Lower Upper

98 100

100 63.0 50.7 76.1



#62

4-Bromofluorobenzene

Concen: 52.471 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064537.D

Acq: 10 Nov 2020 19:50

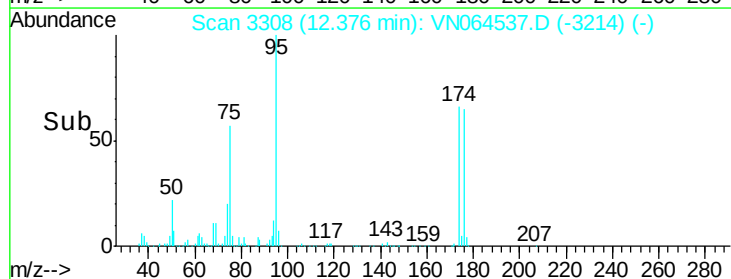
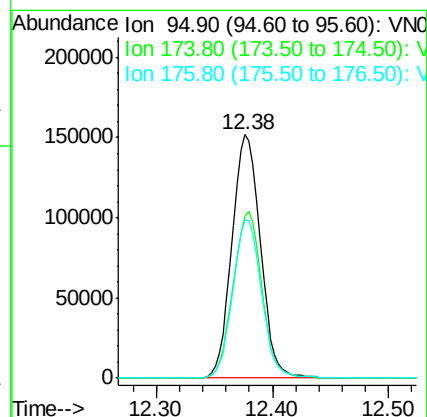
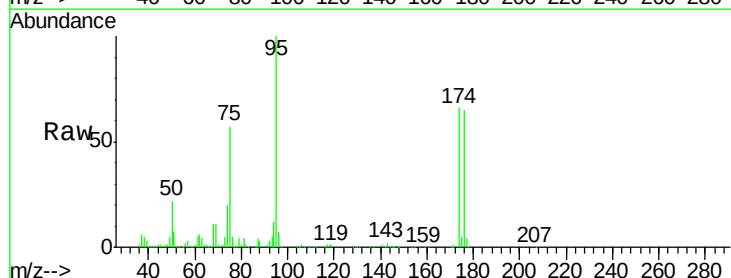
Tgt Ion: 95 Resp: 257292

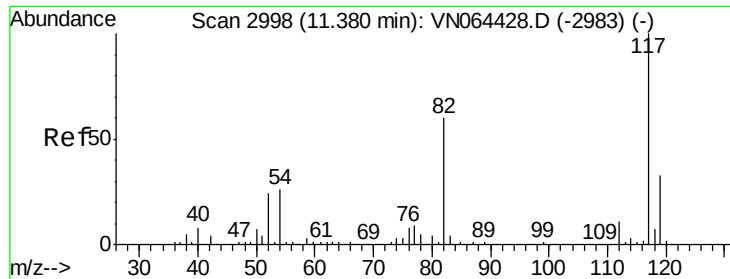
Ion Ratio Lower Upper

95 100

174 68.7 0.0 132.6

176 65.6 0.0 129.2

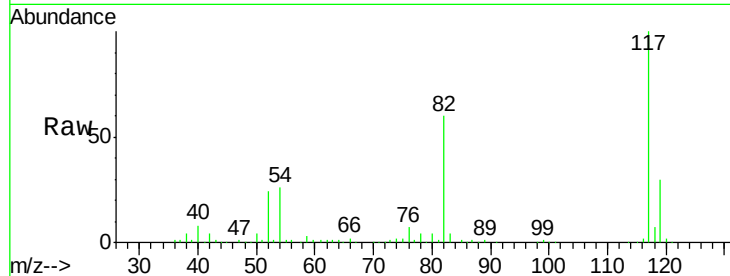




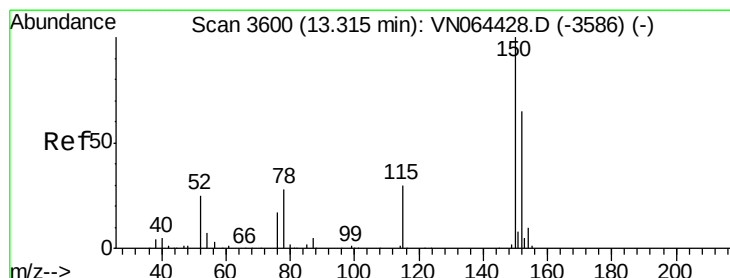
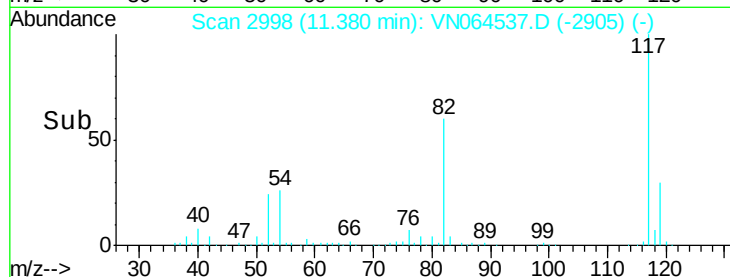
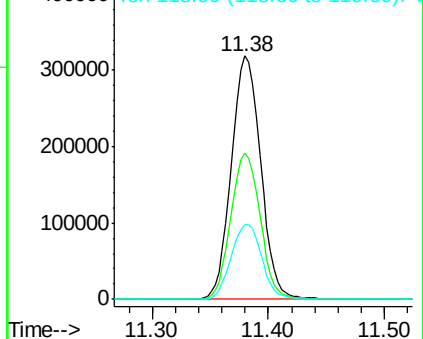
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064537.D
Acq: 10 Nov 2020 19:50

Instrument :
MSVOA_N
ClientSampleId :
PB132908ZHE#03

Tot Ion:117 Resp: 558488
Ion Ratio Lower Upper
117 100
82 60.3 48.1 72.1
119 30.5 26.2 39.4

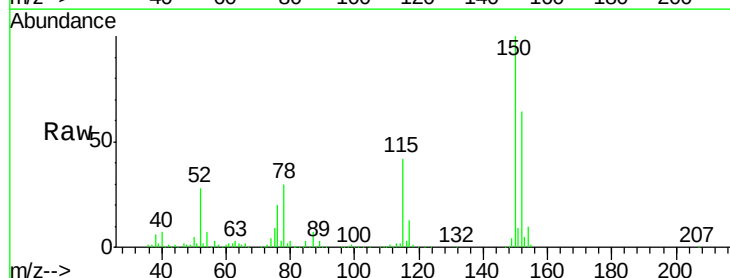


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064537.D
Acq: 10 Nov 2020 19:50

Tgt Ion:152 Resp: 198439
Ion Ratio Lower Upper
152 100
115 65.8 32.0 96.0
150 157.3 0.0 353.8



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

