

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110420\
 Data File : VN064447.D
 Acq On : 4 Nov 2020 19:39
 Operator : JC/MD
 Sample : PB132810ZHE#02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB132810ZHE#02

Quant Time: Nov 05 02:30:39 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

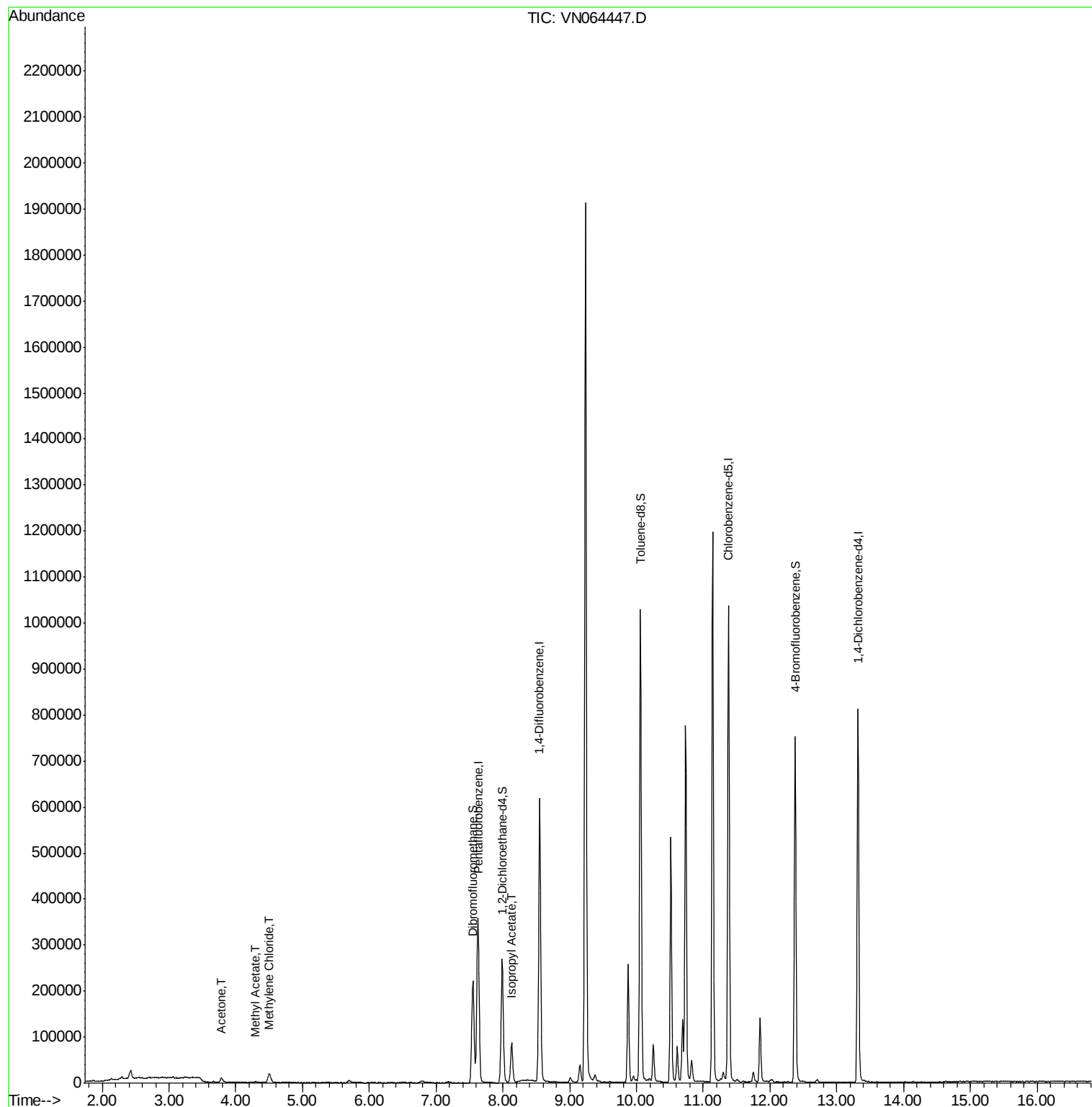
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	253772	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	502344	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	546014	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	200445	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	240176	54.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.66%	
35) Dibromofluoromethane	7.55	113	168645	49.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.62%	
50) Toluene-d8	10.06	98	673518	50.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.90%	
62) 4-Bromofluorobenzene	12.38	95	264246	52.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.72%	
Target Compounds						
16) Acetone	3.78	43	17045	10.123	ug/l	95
18) Methyl Acetate	4.29	43	4475	1.352	ug/l #	85
20) Methylene Chloride	4.50	84	13784	4.126	ug/l	97
43) Isopropyl Acetate	8.13	43	105662	12.286	ug/l	98

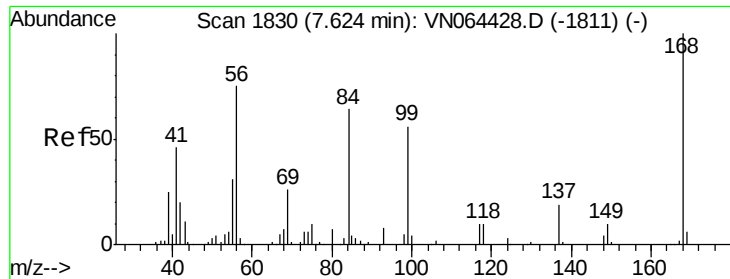
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN064447.D

Acq: 4 Nov 2020 19:39

Instrument :

MSVOA_N

ClientSampleId :

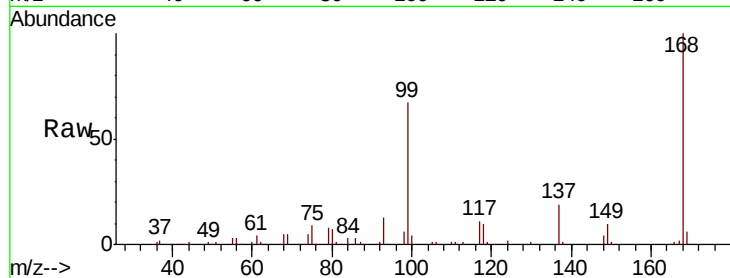
PB132810ZHE#02

Tot Ion:168 Resp: 253772

Ion Ratio Lower Upper

168 100

99 66.6 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

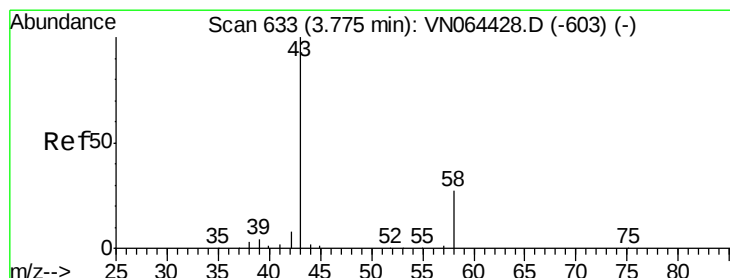
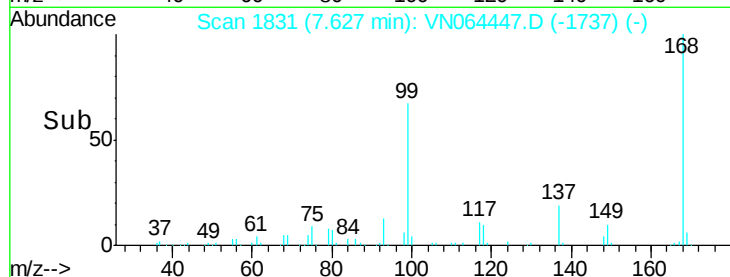
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 10.123 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN064447.D

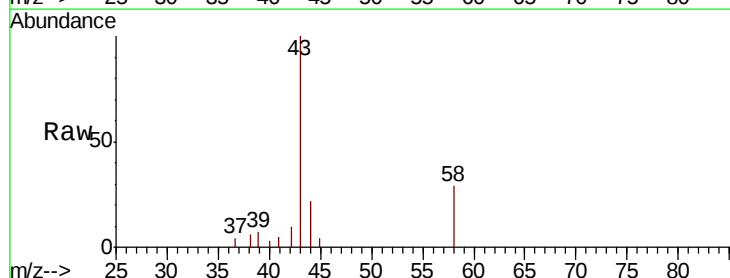
Acq: 4 Nov 2020 19:39

Tgt Ion: 43 Resp: 17045

Ion Ratio Lower Upper

43 100

58 29.4 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.78

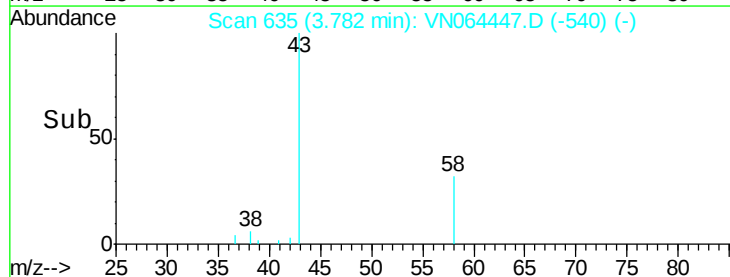
6000

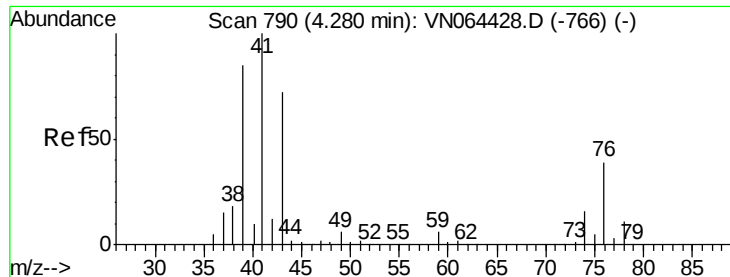
4000

2000

0

Time--> 3.70 3.75 3.80 3.85

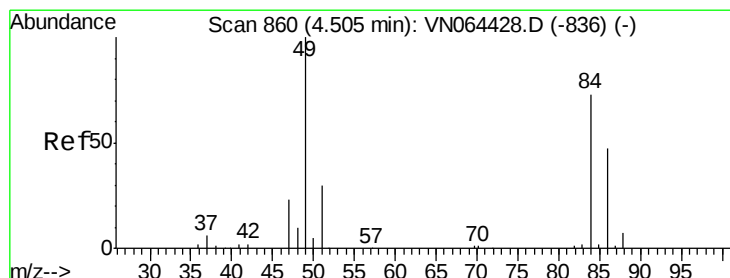
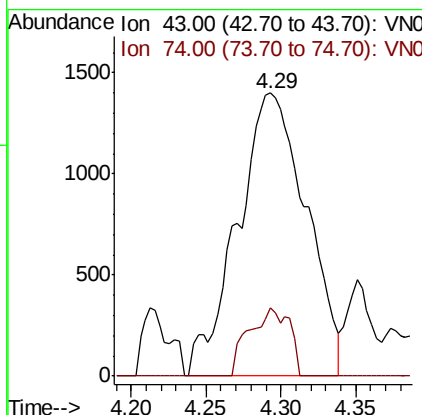
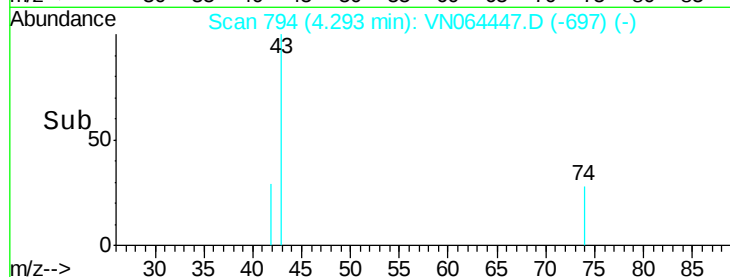
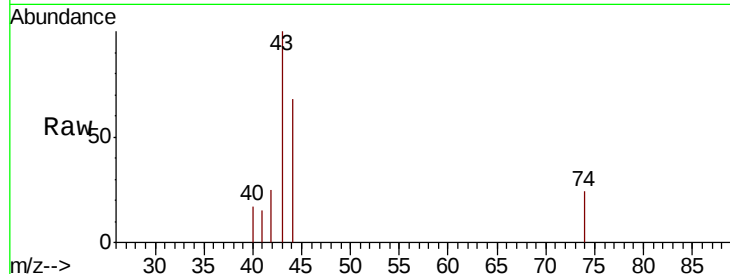




#18
Methyl Acetate
Concen: 1.352 ug/l
RT: 4.29 min Scan# 794
Delta R.T. 0.01 min
Lab File: VN064447.D
Acq: 4 Nov 2020 19:39

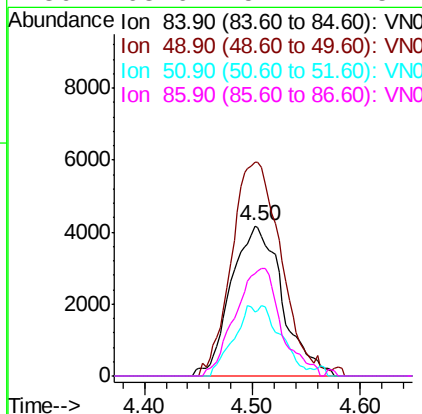
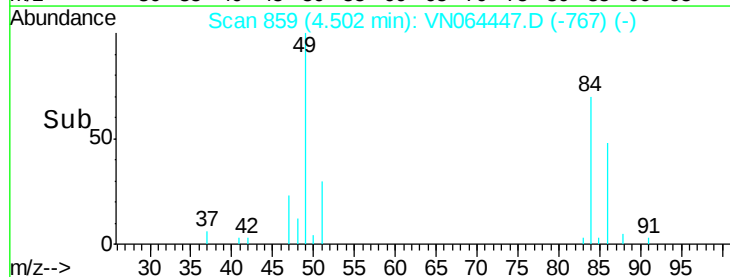
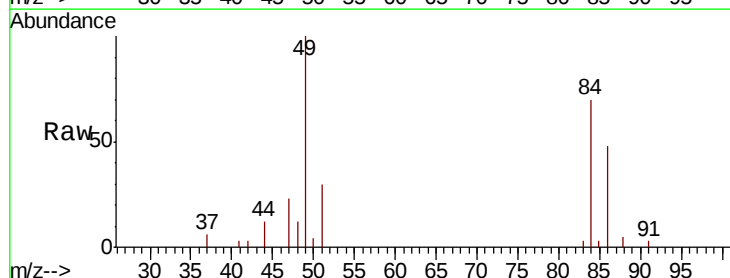
Instrument :
MSVOA_N
ClientSampleId :
PB132810ZHE#02

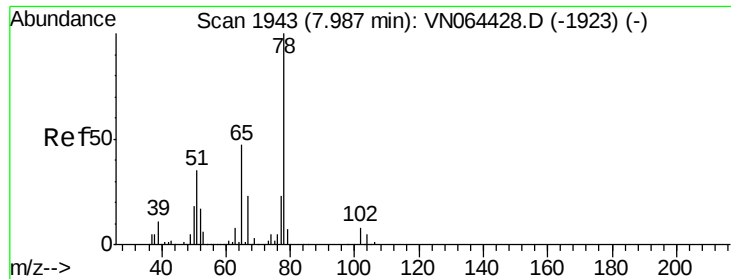
Tot Ion: 43 Resp: 4475
Ion Ratio Lower Upper
43 100
74 14.1 17.0 25.4#



#20
Methylene Chloride
Concen: 4.126 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN064447.D
Acq: 4 Nov 2020 19:39

Tgt Ion: 84 Resp: 13784
Ion Ratio Lower Upper
84 100
49 142.4 110.1 165.1
51 42.3 33.6 50.4
86 68.6 52.1 78.1

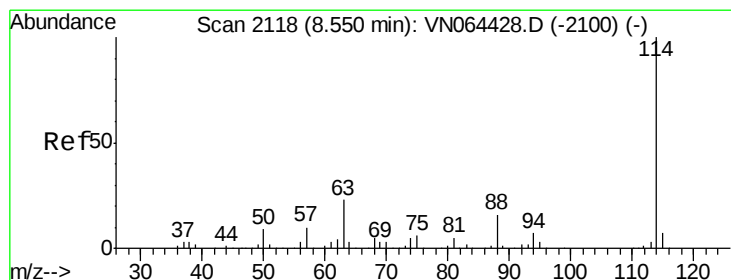
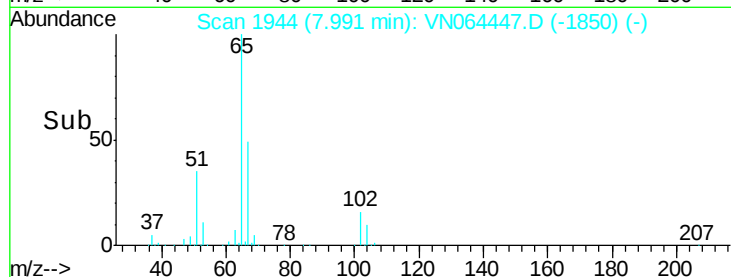
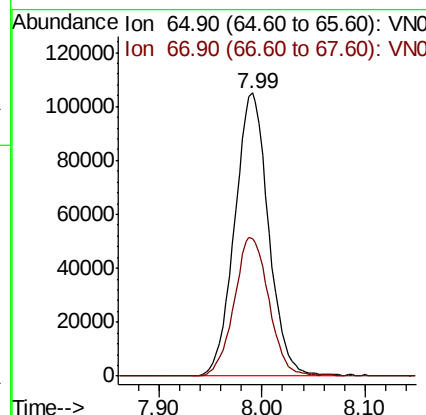
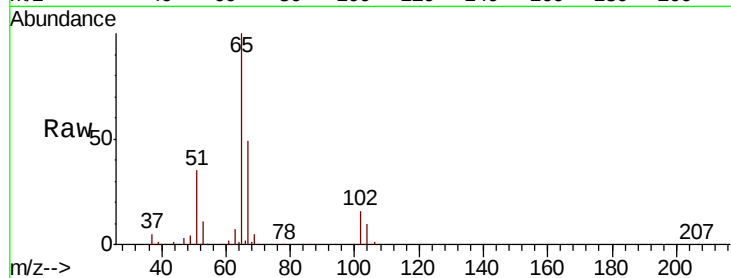




#33
 1,2-Dichloroethane-d4
 Concen: 54.335 ug/l
 RT: 7.99 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VN064447.D
 Acq: 4 Nov 2020 19:39

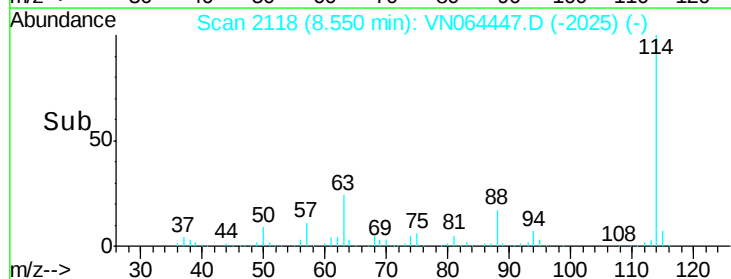
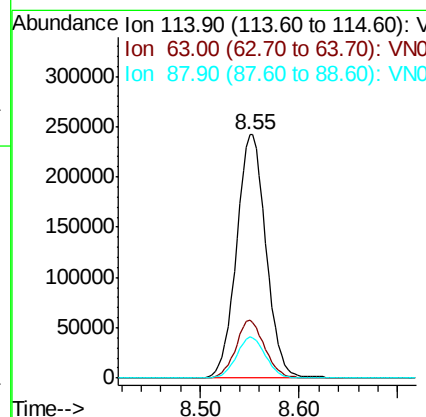
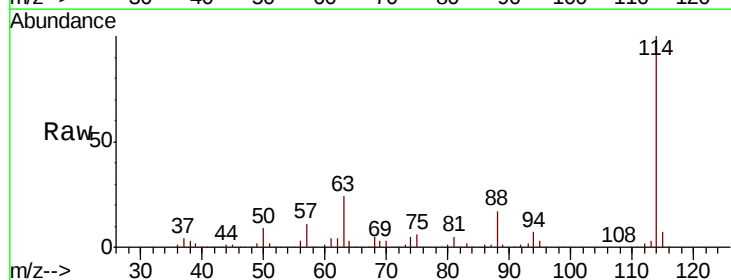
Instrument :
 MSVOA_N
 ClientSampleId :
 PB132810ZHE#02

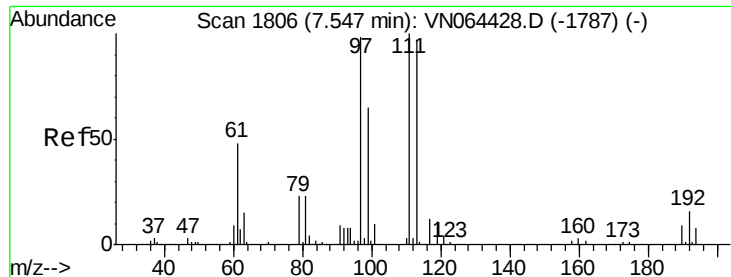
Tot Ion: 65 Resp: 240176
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064447.D
 Acq: 4 Nov 2020 19:39

Tgt Ion: 114 Resp: 502344
 Ion Ratio Lower Upper
 114 100
 63 23.6 0.0 45.6
 88 16.8 0.0 32.8

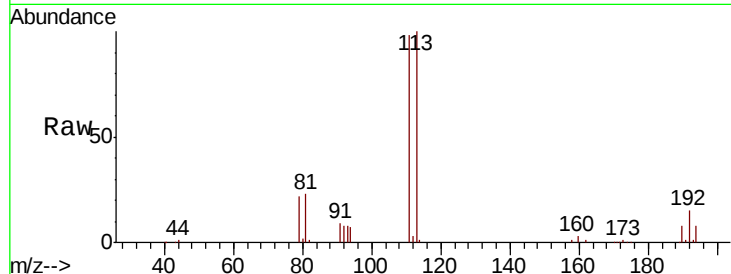




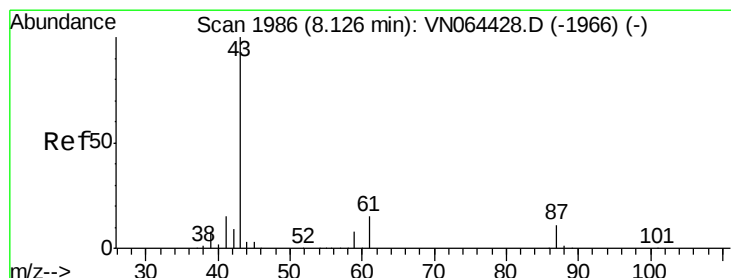
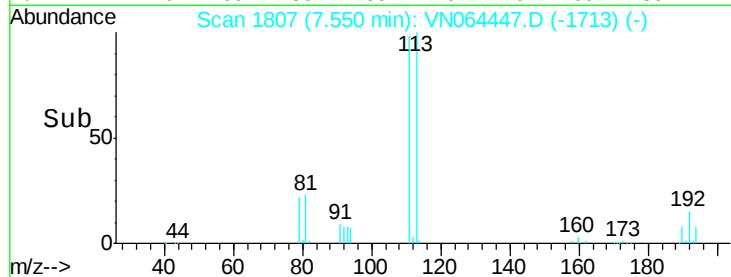
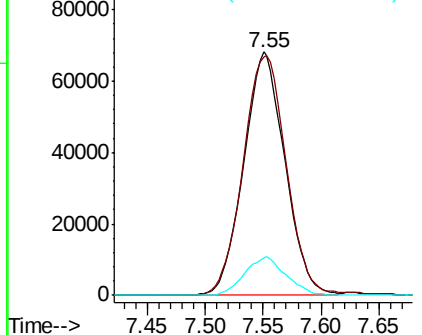
#35
 Dibromofluoromethane
 Concen: 49.307 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064447.D
 Acq: 4 Nov 2020 19:39

Instrument :
 MSVOA_N
 ClientSampleId :
 PB132810ZHE#02

Tot Ion:113 Resp: 168645
 Ion Ratio Lower Upper
 113 100
 111 104.2 81.1 121.7
 192 15.8 12.8 19.2

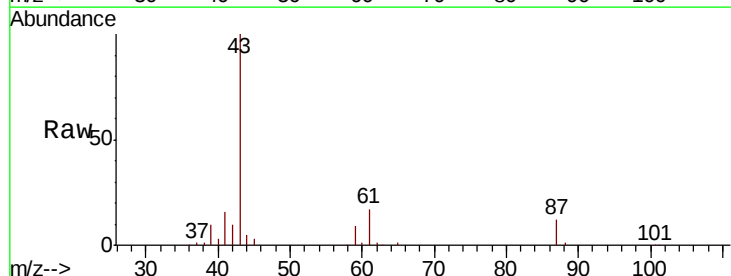


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

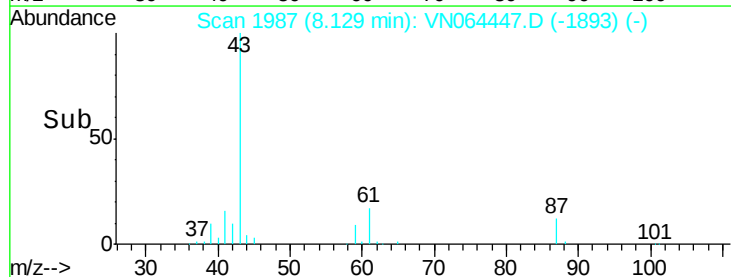
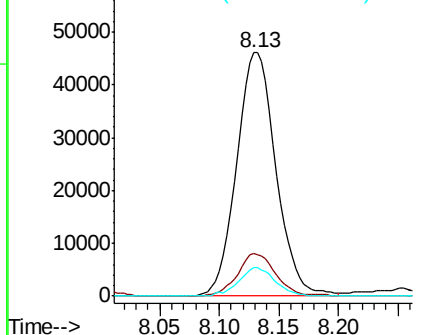


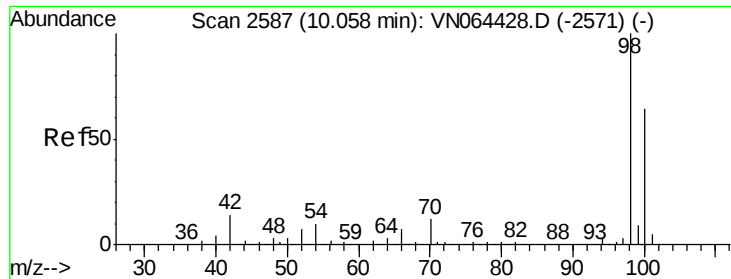
#43
 Isopropyl Acetate
 Concen: 12.286 ug/l
 RT: 8.13 min Scan# 1987
 Delta R.T. 0.00 min
 Lab File: VN064447.D
 Acq: 4 Nov 2020 19:39

Tgt Ion: 43 Resp: 105662
 Ion Ratio Lower Upper
 43 100
 61 16.7 14.0 21.0
 87 10.7 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VNO
 Ion 61.00 (60.70 to 61.70): VNO
 Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: 50.949 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064447.D

Acq: 4 Nov 2020 19:39

Instrument :

MSVOA_N

ClientSampleId :

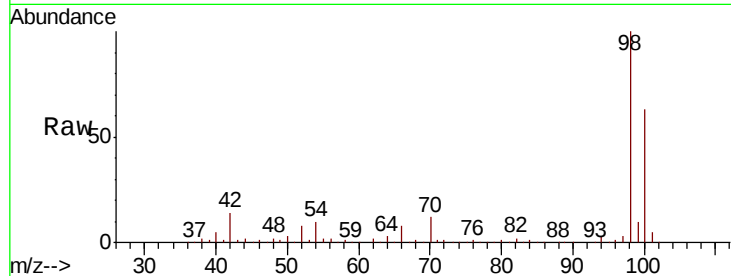
PB132810ZHE#02

Tot Ion: 98 Resp: 673518

Ion Ratio Lower Upper

98 100

100 63.9 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.06

400000

300000

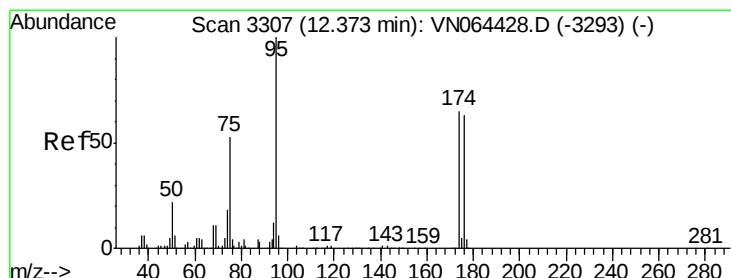
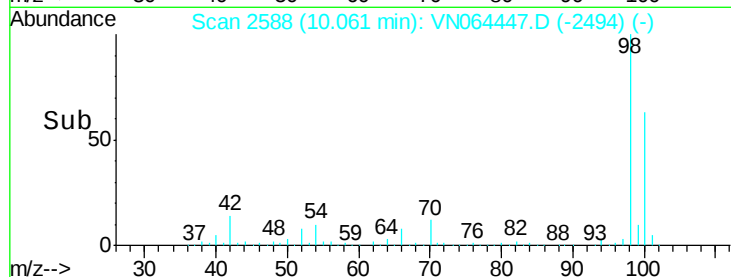
200000

100000

0

Time-->

10.00 10.10



#62

4-Bromofluorobenzene

Concen: 52.856 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064447.D

Acq: 4 Nov 2020 19:39

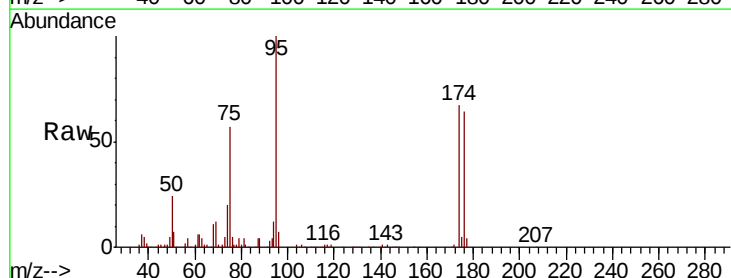
Tgt Ion: 95 Resp: 264246

Ion Ratio Lower Upper

95 100

174 67.6 0.0 132.6

176 64.5 0.0 129.2



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

150000

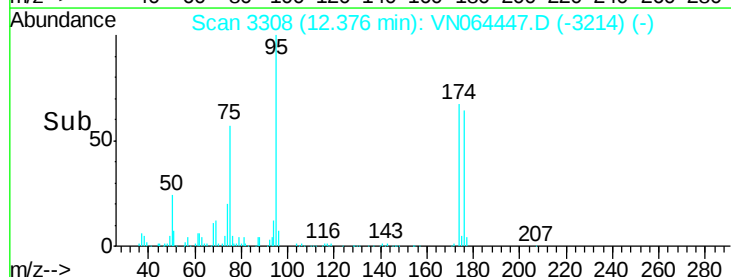
100000

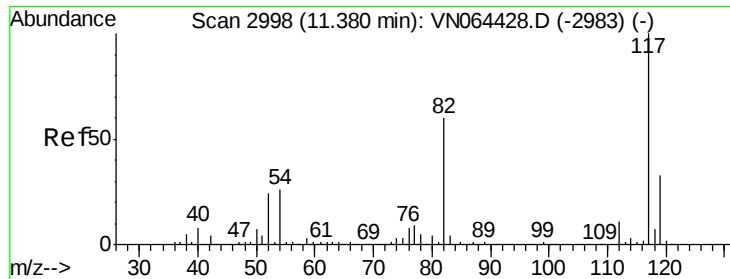
50000

0

Time-->

12.30 12.40





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN064447.D

Acq: 4 Nov 2020 19:39

Instrument :

MSVOA_N

ClientSampleId :

PB132810ZHE#02

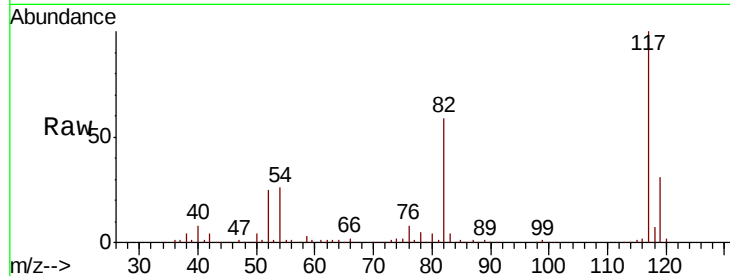
Tot Ion:117 Resp: 546014

Ion Ratio Lower Upper

117 100

82 59.4 48.1 72.1

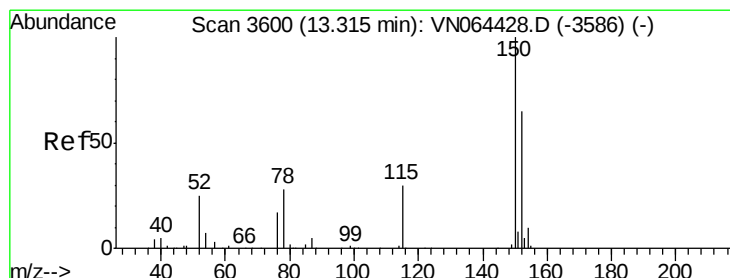
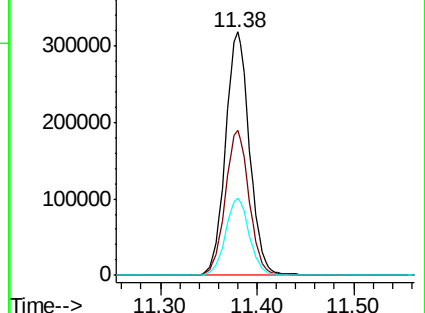
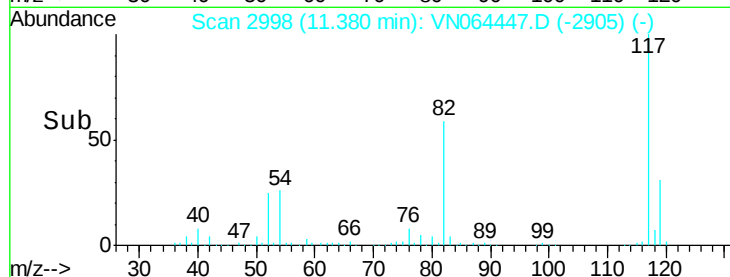
119 31.5 26.2 39.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

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: VN064447.D

Acq: 4 Nov 2020 19:39

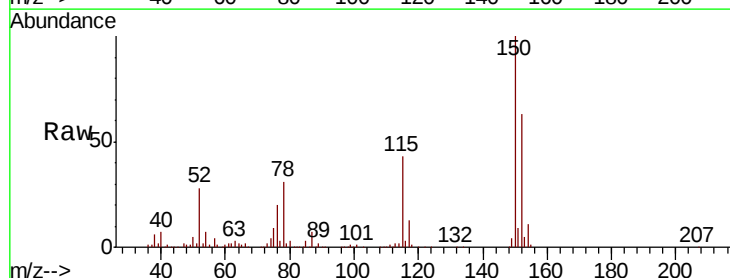
Tgt Ion:152 Resp: 200445

Ion Ratio Lower Upper

152 100

115 68.6 32.0 96.0

150 159.1 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

