

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110620\
 Data File : VN064486.D
 Acq On : 6 Nov 2020 16:26
 Operator : JC/MD
 Sample : PB132855ZHE#14
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB132855ZHE#14

Quant Time: Nov 07 04:17:13 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

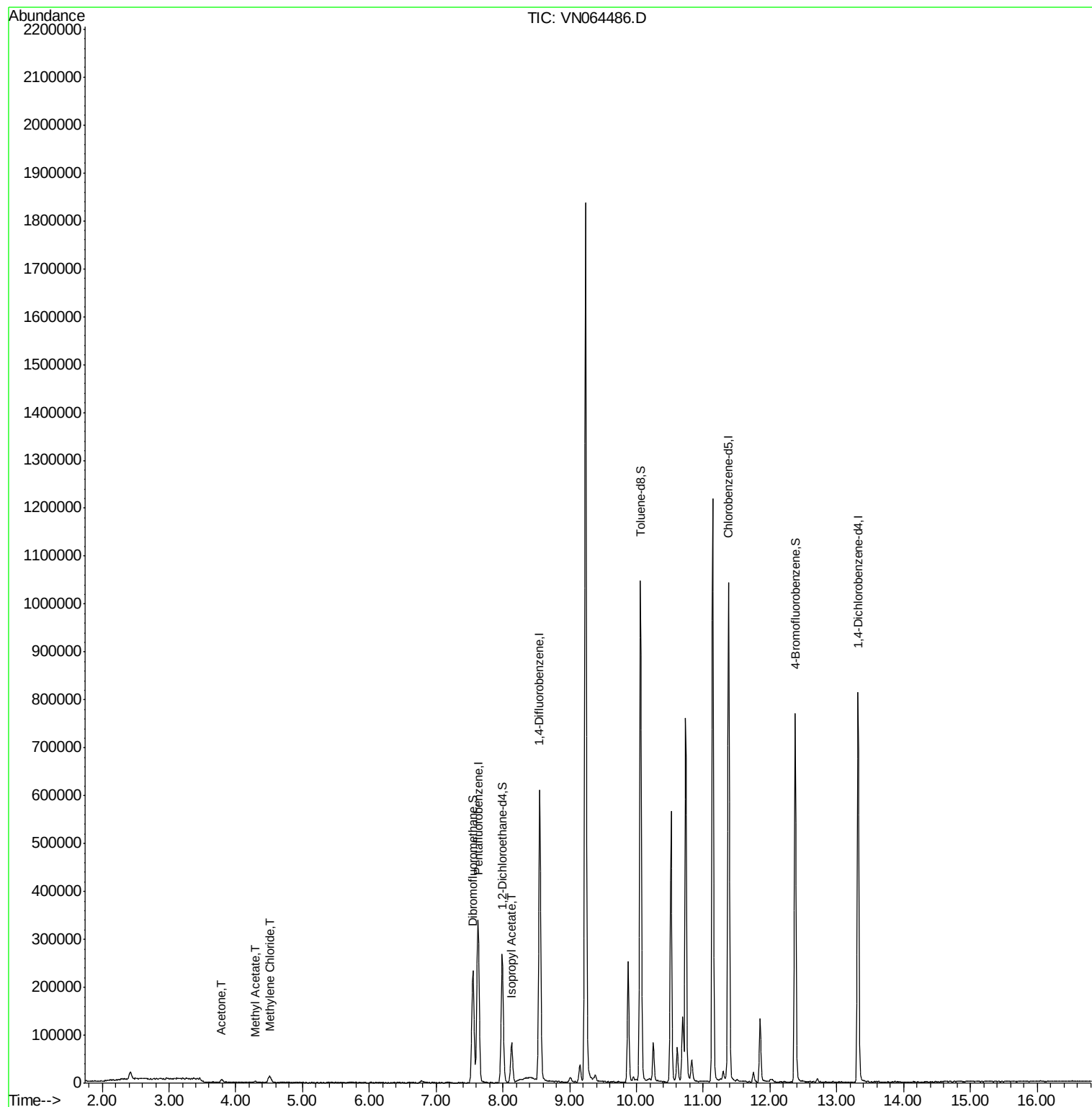
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	245357	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	505049	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	559026	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	202776	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	240426	56.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.52%	
35) Dibromofluoromethane	7.55	113	177617	51.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.30%	
50) Toluene-d8	10.06	98	679111	51.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.20%	
62) 4-Bromofluorobenzene	12.38	95	265191	52.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.52%	
Target Compounds						
16) Acetone	3.78	43	11677	7.173	ug/l	93
18) Methyl Acetate	4.30	43	4445	1.389	ug/l #	69
20) Methylene Chloride	4.51	84	10062	3.115	ug/l	93
43) Isopropyl Acetate	8.13	43	99807	11.543	ug/l	100

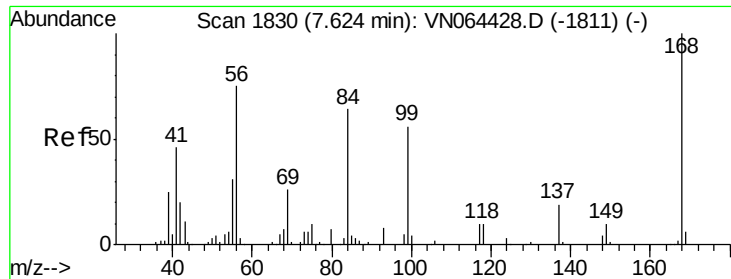
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN064486.D

Acq: 6 Nov 2020 16:26

Instrument :

MSVOA_N

ClientSampleId :

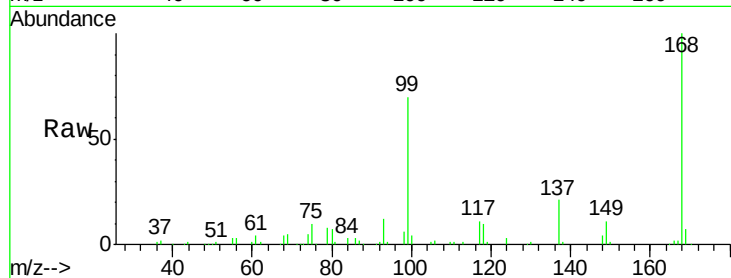
PB132855ZHE#14

Tot Ion:168 Resp: 245357

Ion Ratio Lower Upper

168 100

99 70.3 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

100000

80000

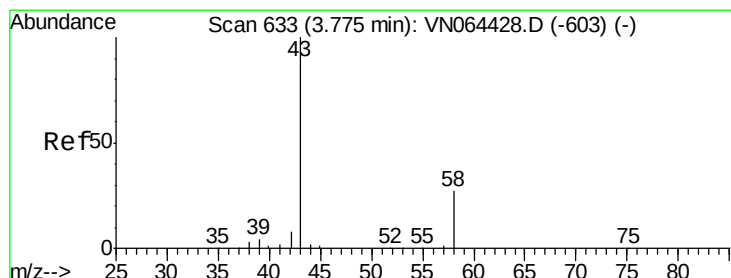
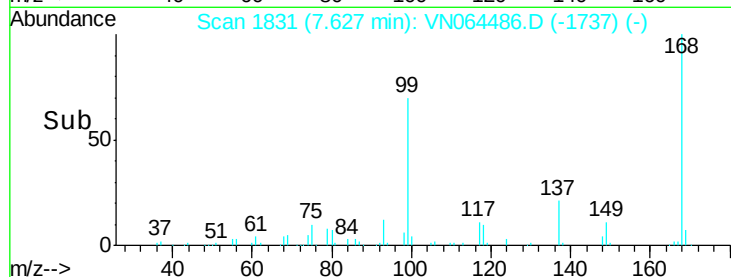
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 7.173 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN064486.D

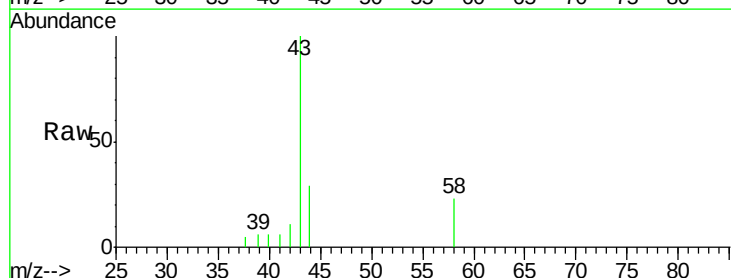
Acq: 6 Nov 2020 16:26

Tgt Ion: 43 Resp: 11677

Ion Ratio Lower Upper

43 100

58 22.9 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.78

4000

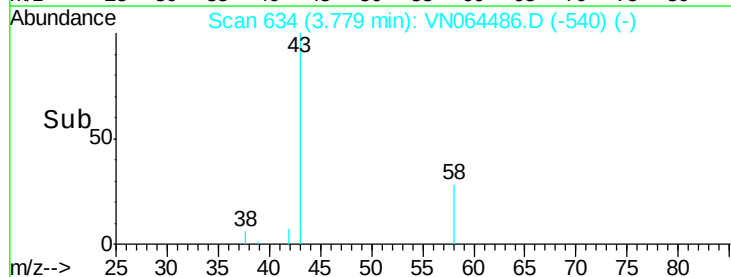
3000

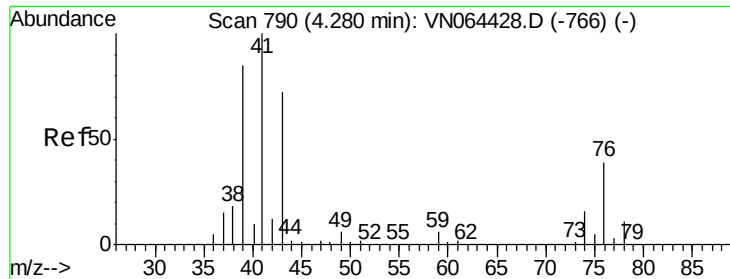
2000

1000

0

Time--> 3.70 3.75 3.80 3.85 3.90

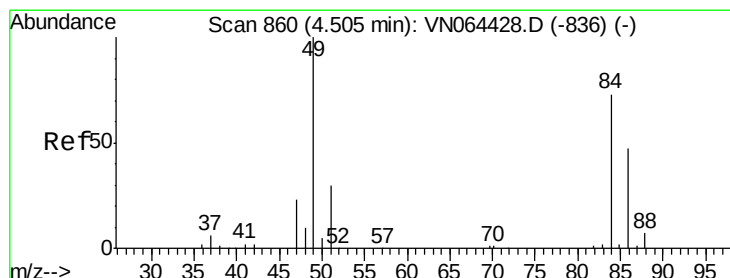
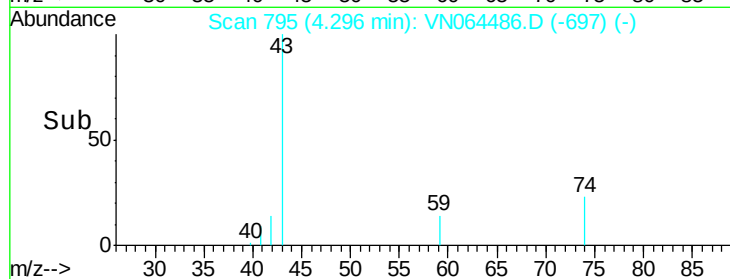
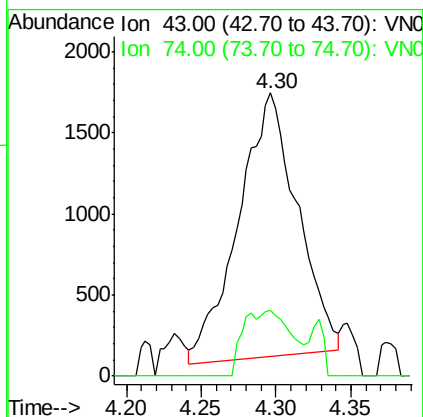
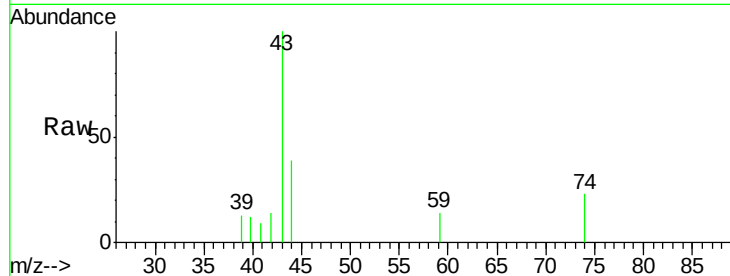




#18
Methyl Acetate
Concen: 1.389 ug/l
RT: 4.30 min Scan# 795
Delta R.T. 0.02 min
Lab File: VN064486.D
Acq: 6 Nov 2020 16:26

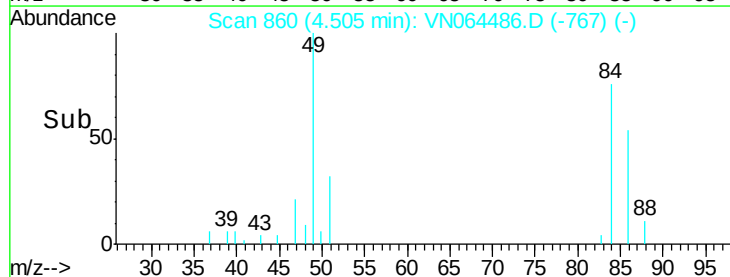
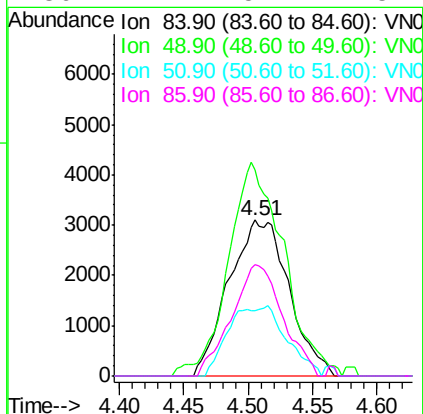
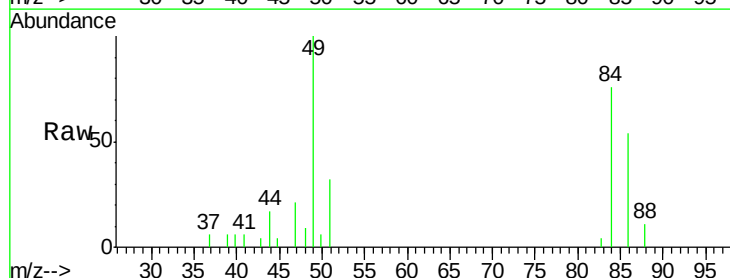
Instrument :
MSVOA_N
ClientSampleId :
PB132855ZHE#14

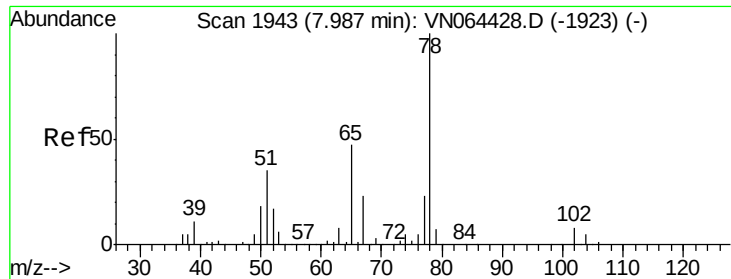
Tot Ion: 43 Resp: 4445
Ion Ratio Lower Upper
43 100
74 6.9 17.0 25.4#



#20
Methylene Chloride
Concen: 3.115 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN064486.D
Acq: 6 Nov 2020 16:26

Tgt Ion: 84 Resp: 10062
Ion Ratio Lower Upper
84 100
49 126.8 110.1 165.1
51 41.7 33.6 50.4
86 71.4 52.1 78.1

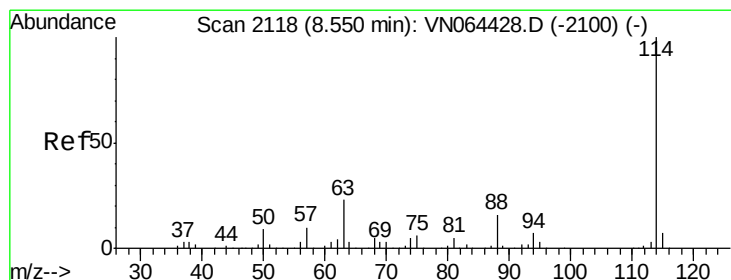
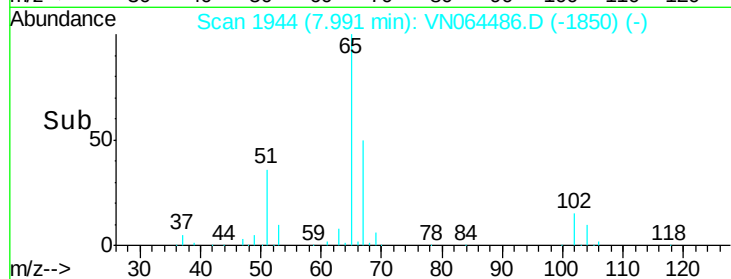
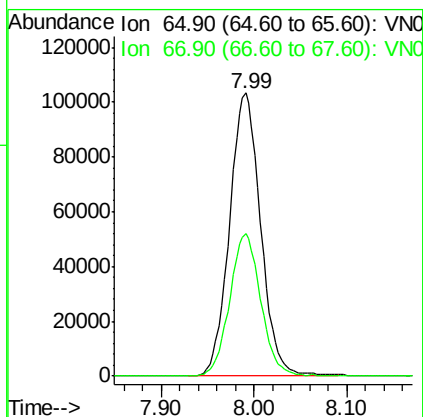
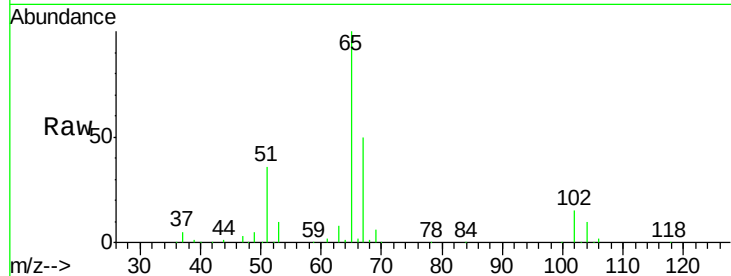




#33
 1,2-Dichloroethane-d4
 Concen: 56.257 ug/l
 RT: 7.99 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VN064486.D
 Acq: 6 Nov 2020 16:26

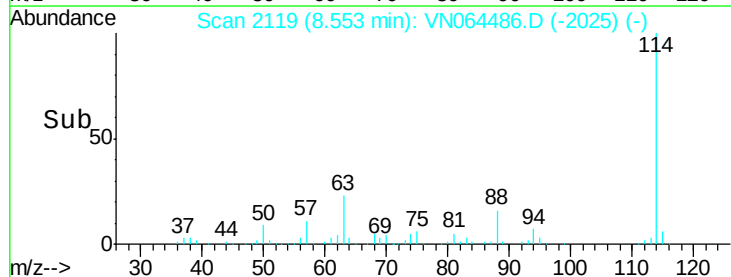
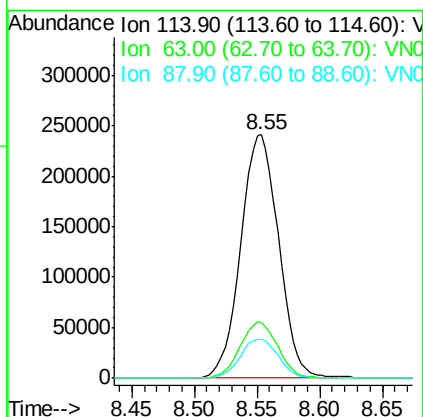
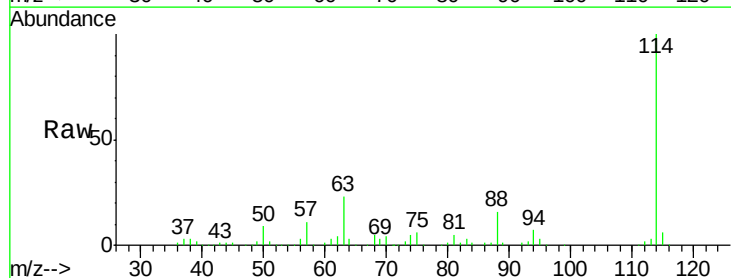
Instrument :
 MSVOA_N
 ClientSampleId :
 PB132855ZHE#14

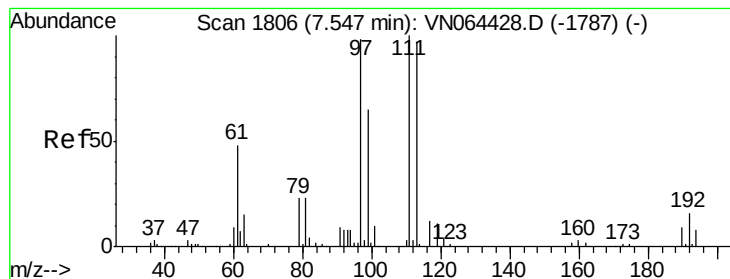
Tot Ion: 65 Resp: 240426
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN064486.D
 Acq: 6 Nov 2020 16:26

Tgt Ion: 114 Resp: 505049
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 45.6
 88 16.2 0.0 32.8





#35

Dibromofluoromethane

Concen: 51.653 ug/l

RT: 7.55 min Scan# 1808

Delta R.T. 0.01 min

Lab File: VN064486.D

Acq: 6 Nov 2020 16:26

Instrument :

MSVOA_N

ClientSampleId :

PB132855ZHE#14

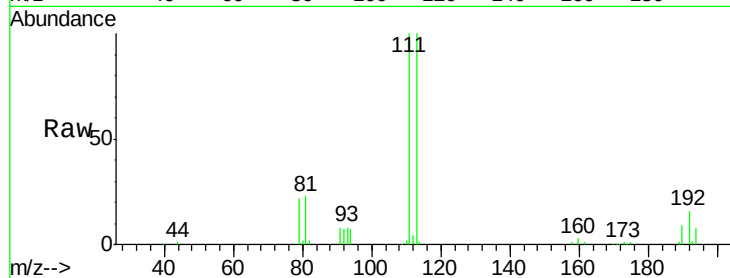
Tot Ion:113 Resp: 177617

Ion Ratio Lower Upper

113 100

111 101.2 81.1 121.7

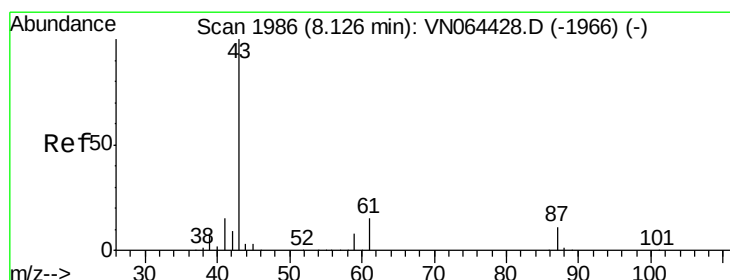
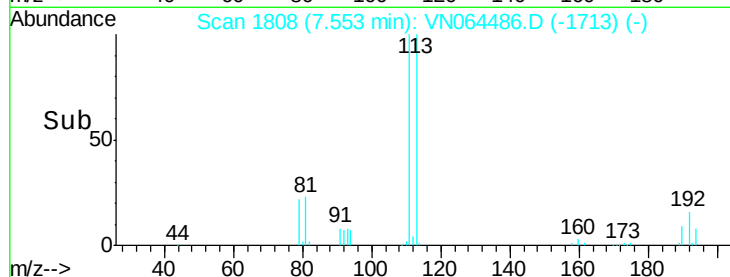
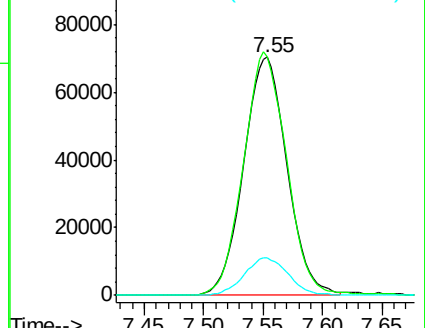
192 16.1 12.8 19.2



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: 11.543 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN064486.D

Acq: 6 Nov 2020 16:26

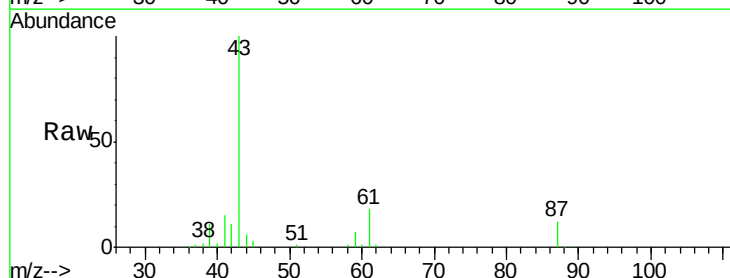
Tgt Ion: 43 Resp: 99807

Ion Ratio Lower Upper

43 100

61 17.2 14.0 21.0

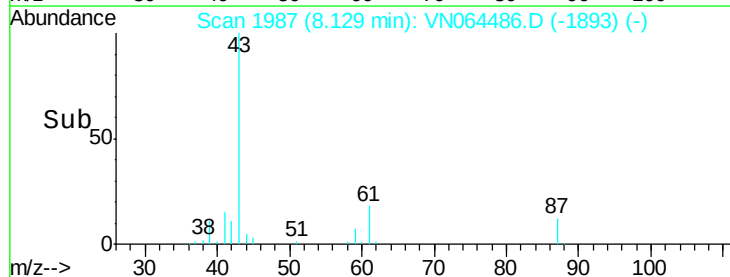
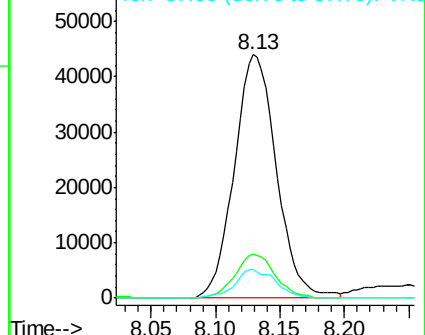
87 11.4 9.1 13.7

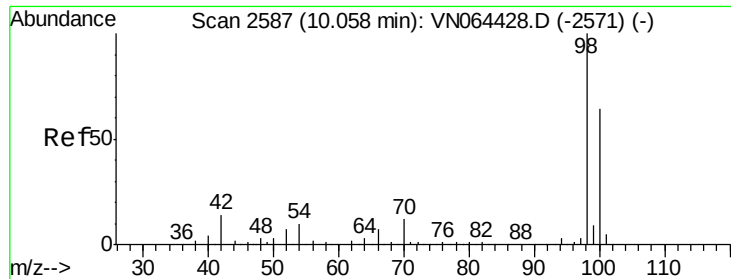


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: 51.097 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064486.D

Acq: 6 Nov 2020 16:26

Instrument :

MSVOA_N

ClientSampleId :

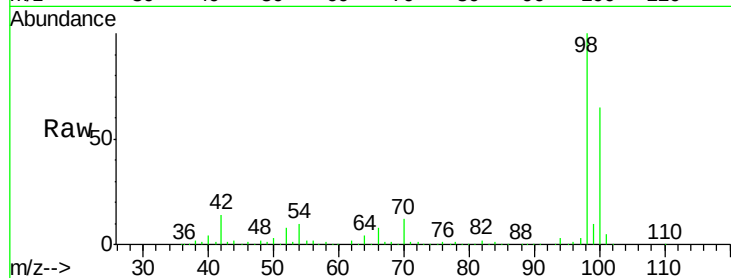
PB132855ZHE#14

Tot Ion: 98 Resp: 679111

Ion Ratio Lower Upper

98 100

100 64.3 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

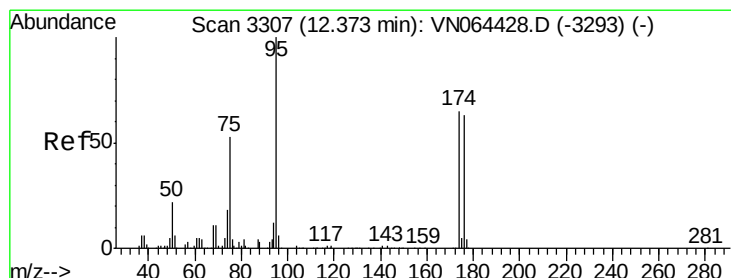
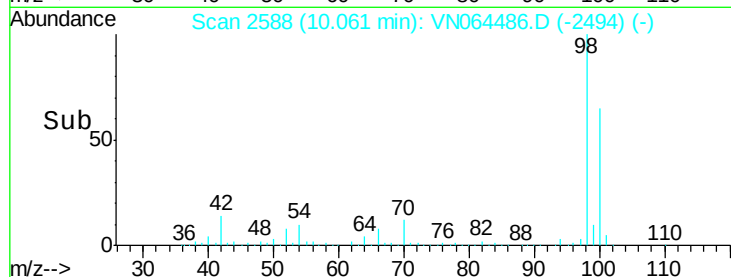
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 52.760 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064486.D

Acq: 6 Nov 2020 16:26

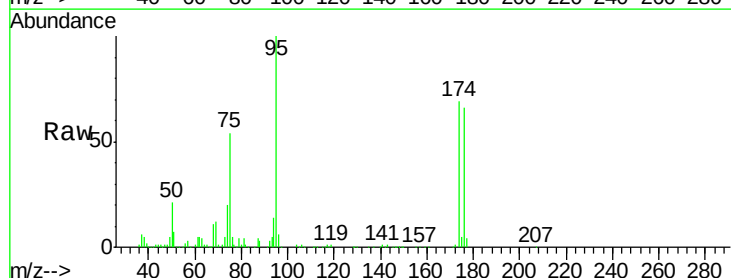
Tgt Ion: 95 Resp: 265191

Ion Ratio Lower Upper

95 100

174 68.9 0.0 132.6

176 65.0 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

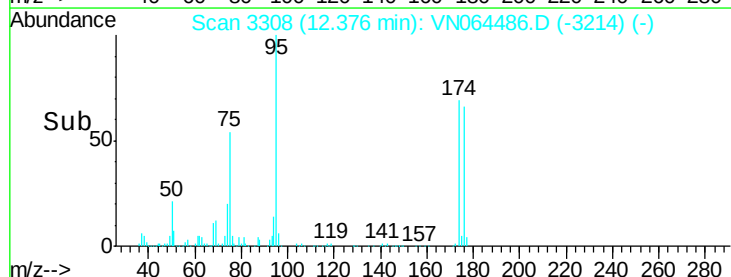
150000

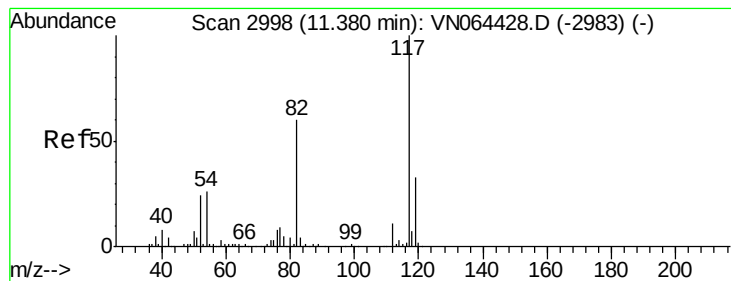
100000

50000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN064486.D

Acq: 6 Nov 2020 16:26

Instrument :

MSVOA_N

ClientSampleId :

PB132855ZHE#14

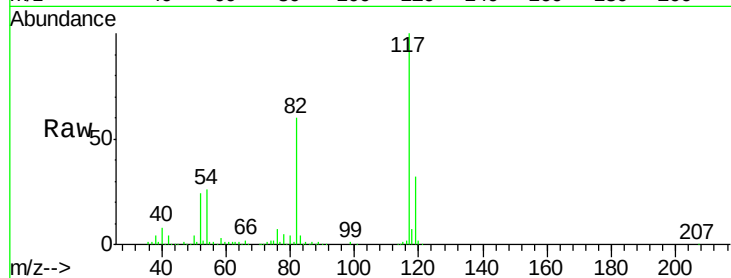
Tot Ion:117 Resp: 559026

Ion Ratio Lower Upper

117 100

82 60.0 48.1 72.1

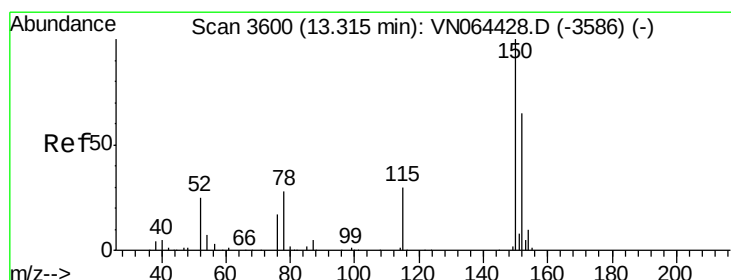
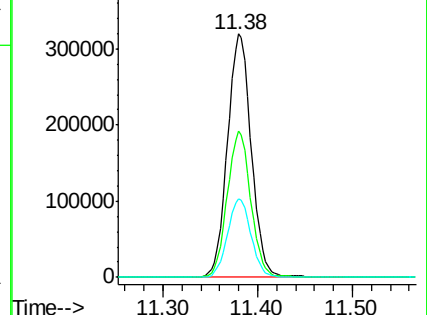
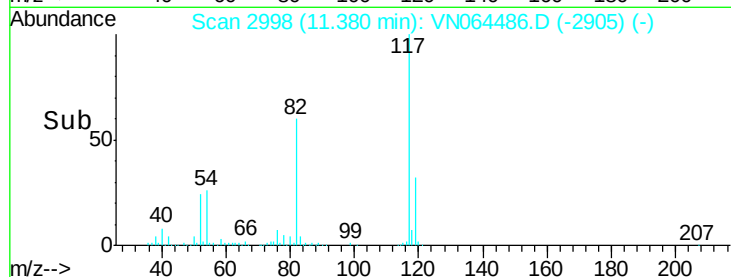
119 32.2 26.2 39.4



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: VN064486.D

Acq: 6 Nov 2020 16:26

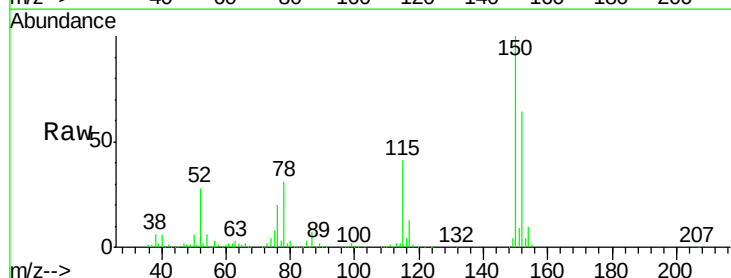
Tgt Ion:152 Resp: 202776

Ion Ratio Lower Upper

152 100

115 64.4 32.0 96.0

150 154.7 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

