

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110620\
 Data File : VN064489.D
 Acq On : 6 Nov 2020 17:39
 Operator : JC/MD
 Sample : PB132855ZHE#19
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB132855ZHE#19

Quant Time: Nov 07 04:26:14 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

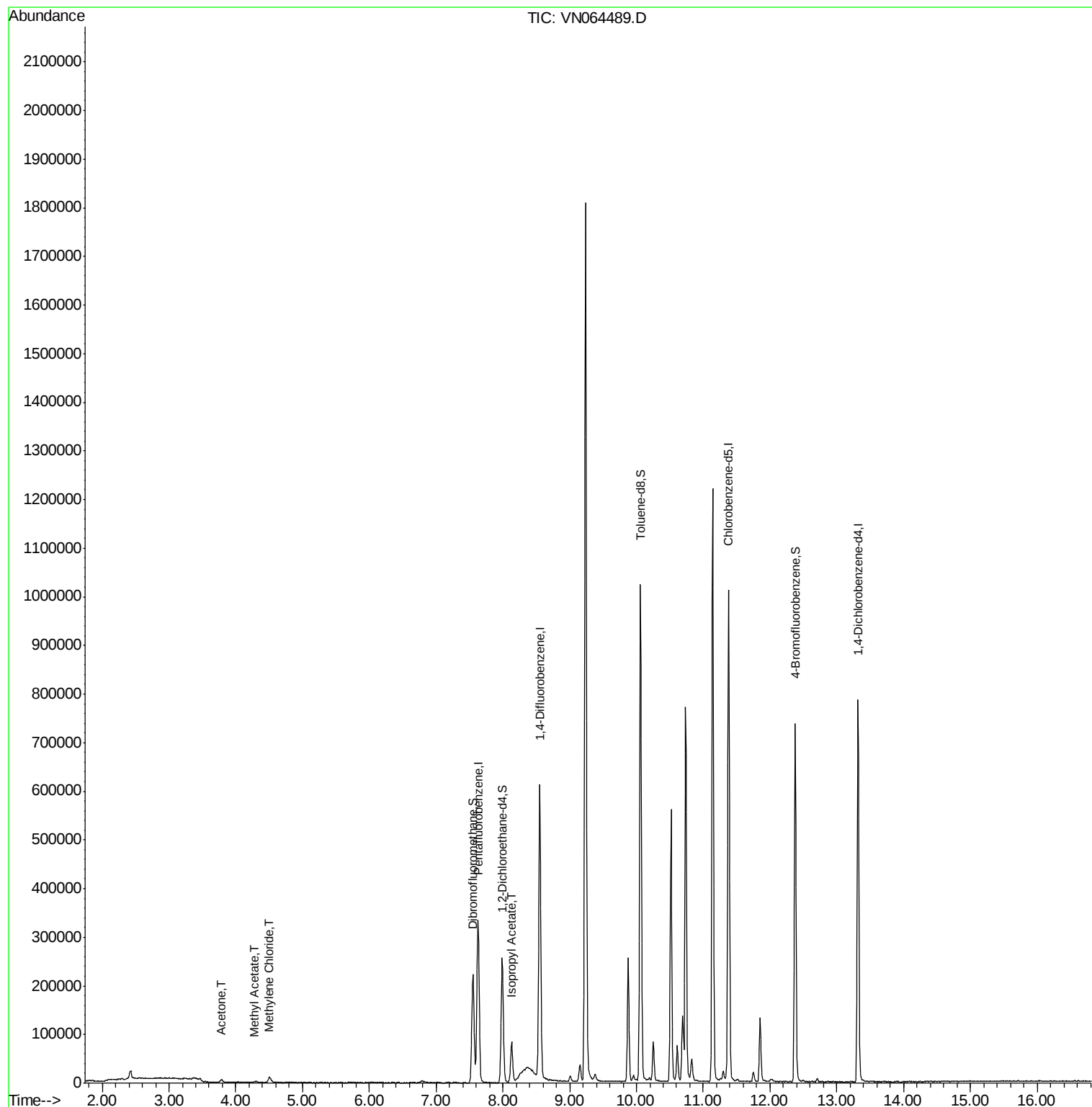
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	237104	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	503069	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	537269	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	195736	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	234009	56.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.32%	
35) Dibromofluoromethane	7.55	113	168326	49.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.28%	
50) Toluene-d8	10.06	98	663492	50.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.24%	
62) 4-Bromofluorobenzene	12.38	95	253250	50.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.16%	
Target Compounds						
16) Acetone	3.78	43	10162	6.459	ug/l	94
18) Methyl Acetate	4.29	43	5285	1.709	ug/l	93
20) Methylene Chloride	4.50	84	7334	2.350	ug/l	86
43) Isopropyl Acetate	8.13	43	98687	11.458	ug/l	99

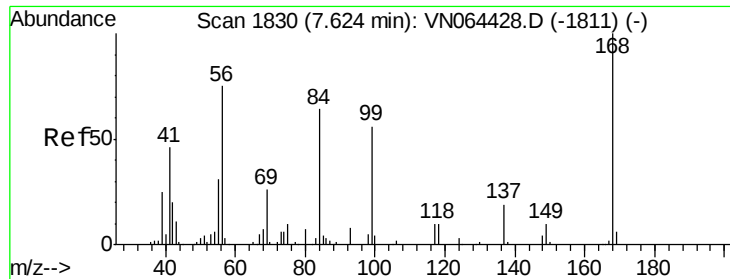
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Nov 04 12:09:03 2020
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: VN064489.D

Acq: 6 Nov 2020 17:39

Instrument :

MSVOA_N

ClientSampleId :

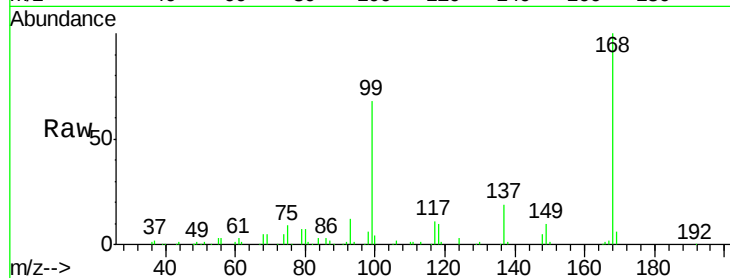
PB132855ZHE#19

Tot Ion:168 Resp: 237104

Ion Ratio Lower Upper

168 100

99 67.5 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

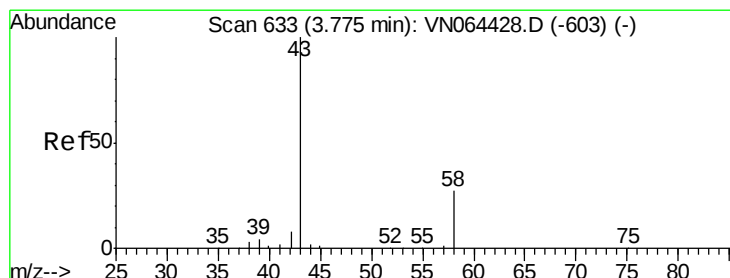
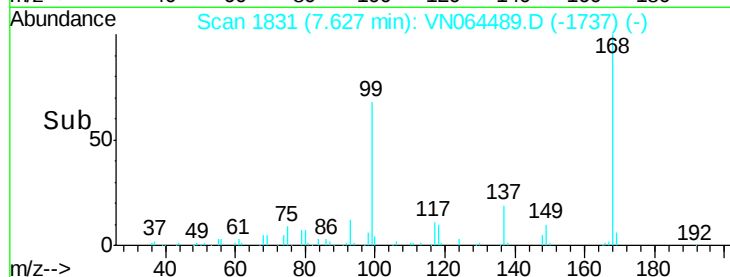
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 6.459 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN064489.D

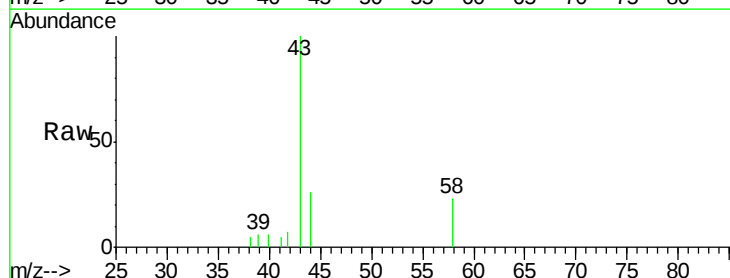
Acq: 6 Nov 2020 17:39

Tgt Ion: 43 Resp: 10162

Ion Ratio Lower Upper

43 100

58 23.4 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

4000

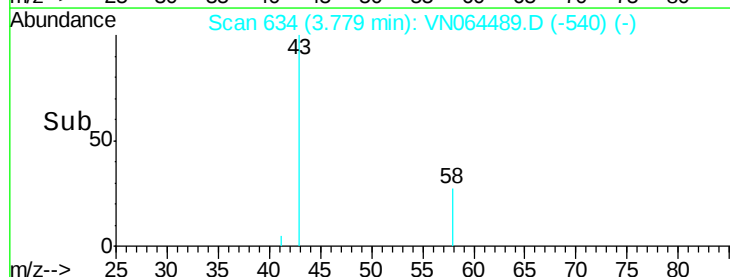
3000

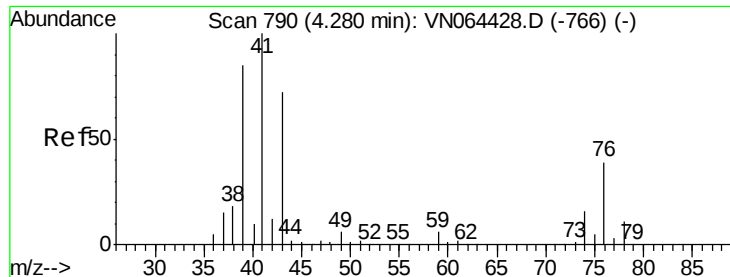
2000

1000

0

Time--> 3.70 3.75 3.80 3.85





#18

Methvl Acetate

Concen: 1.709 ug/l

RT: 4.29 min Scan# 792

Delta R.T. 0.01 min

Lab File: VN064489.D

Acq: 6 Nov 2020 17:39

Instrument :

MSVOA_N

ClientSampleId :

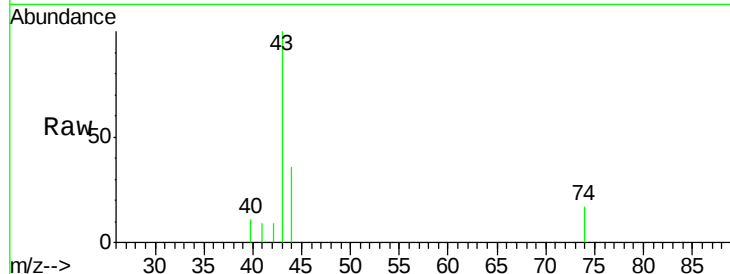
PB132855ZHE#19

Tot Ion: 43 Resp: 5285

Ion Ratio Lower Upper

43 100

74 17.9 17.0 25.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.29

2000

1500

1000

500

0

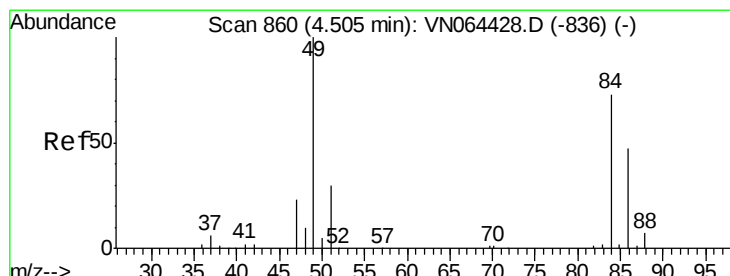
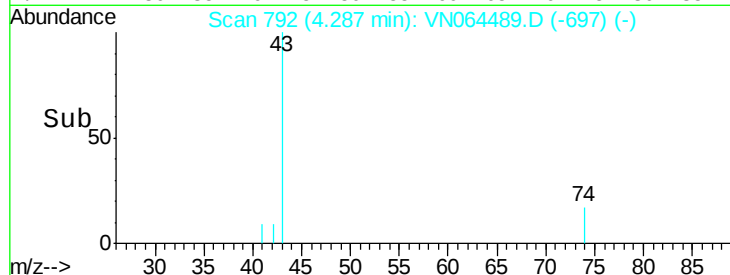
Time-->

4.20

4.25

4.30

4.35



#20

Methylene Chloride

Concen: 2.350 ug/l

RT: 4.50 min Scan# 859

Delta R.T. -0.00 min

Lab File: VN064489.D

Acq: 6 Nov 2020 17:39

Tgt Ion: 84 Resp: 7334

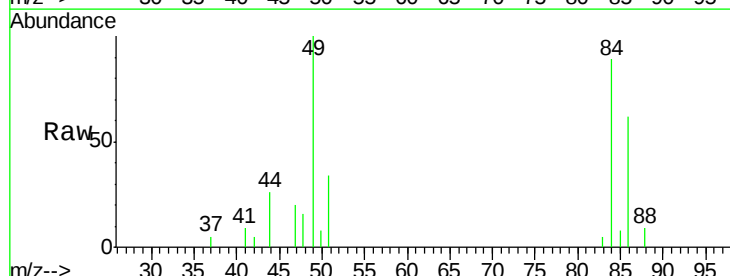
Ion Ratio Lower Upper

84 100

49 112.0 110.1 165.1

51 38.4 33.6 50.4

86 69.3 52.1 78.1



Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0

4.50

5000

4000

3000

2000

1000

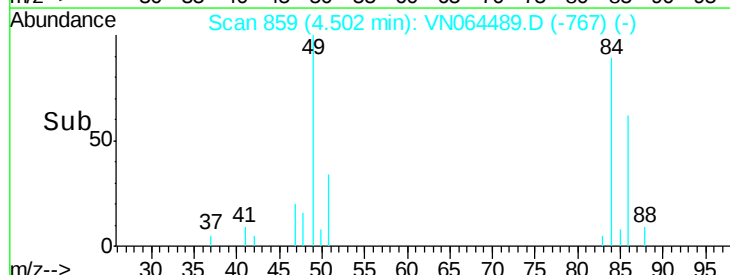
0

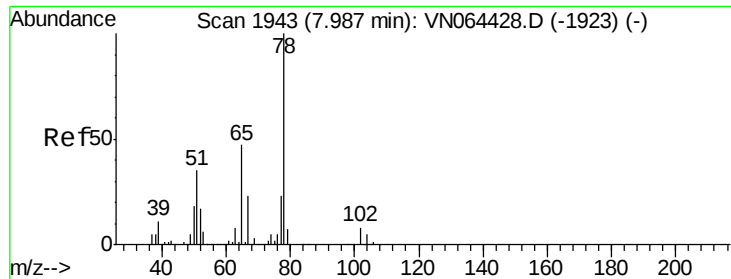
Time-->

4.45

4.50

4.55





#33

1,2-Dichloroethane-d4

Concen: 56.661 ug/l

RT: 7.99 min Scan# 1944

Delta R.T. 0.00 min

Lab File: VN064489.D

Acq: 6 Nov 2020 17:39

Instrument :

MSVOA_N

ClientSampleId :

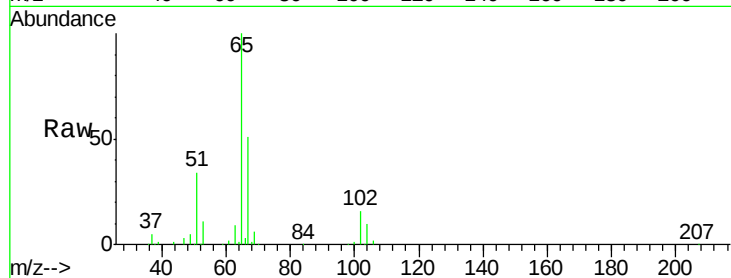
PB132855ZHE#19

Tot Ion: 65 Resp: 234009

Ion Ratio Lower Upper

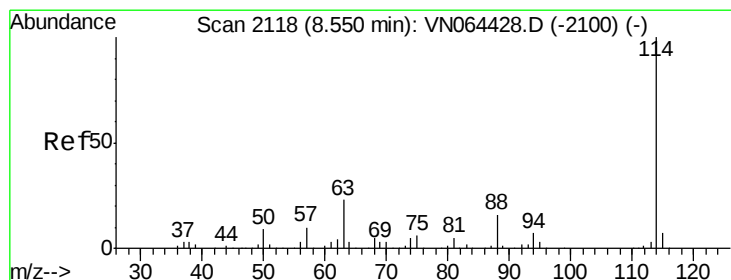
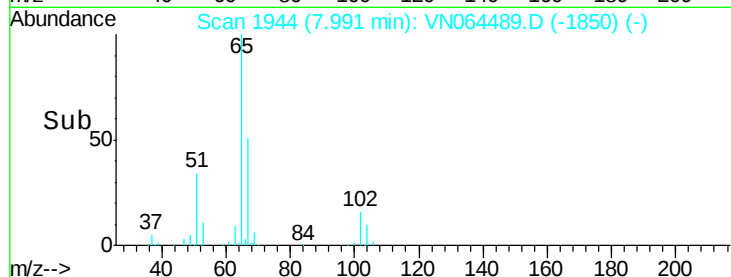
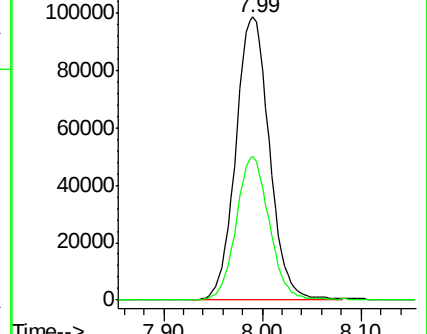
65 100

67 49.8 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN064489.D

Acq: 6 Nov 2020 17:39

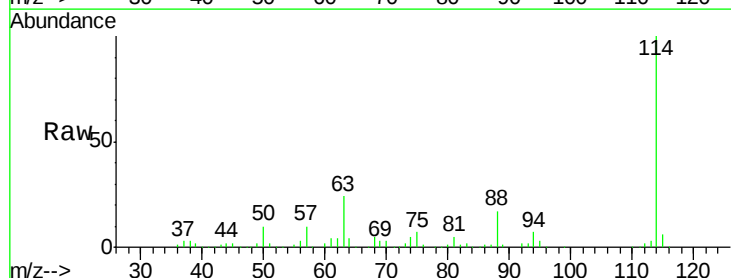
Tgt Ion: 114 Resp: 503069

Ion Ratio Lower Upper

114 100

63 23.9 0.0 45.6

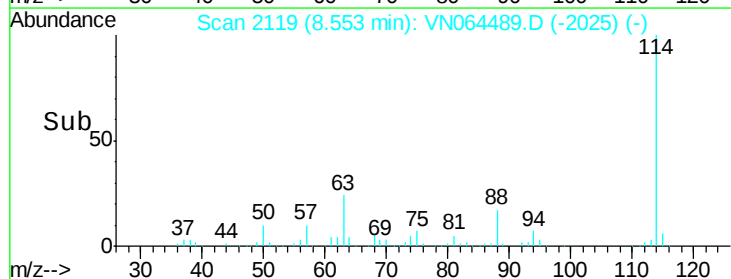
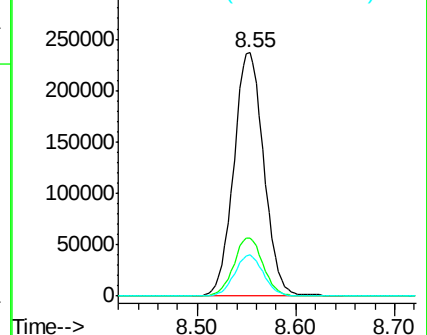
88 17.0 0.0 32.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

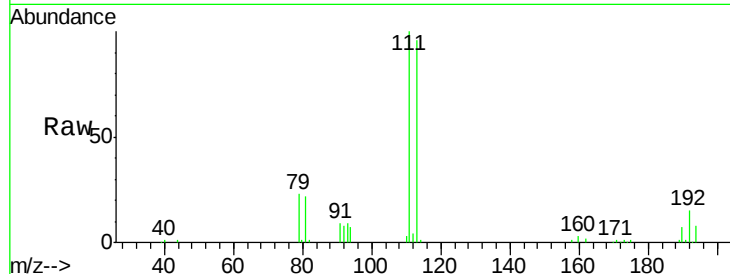




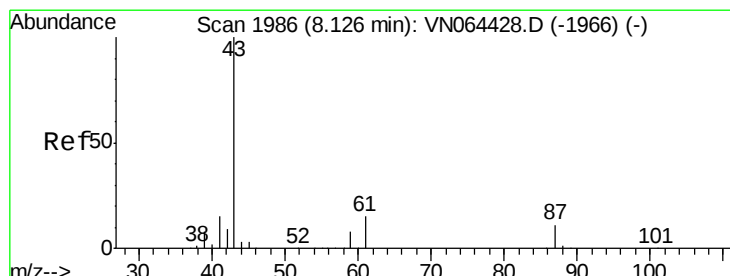
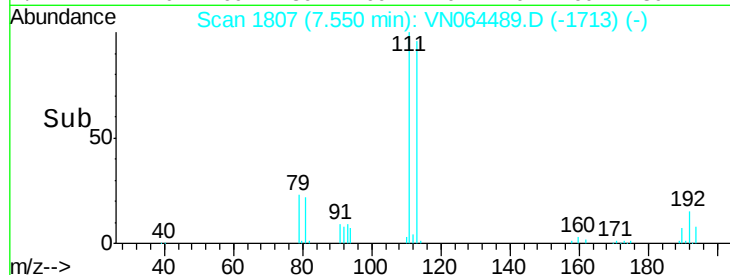
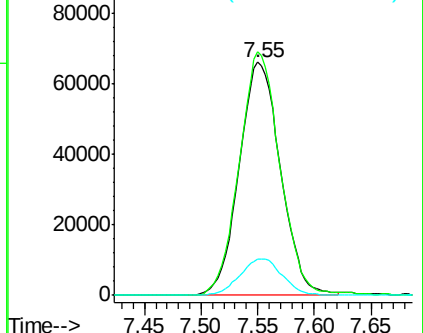
#35
 Dibromofluoromethane
 Concen: 49.143 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064489.D
 Acq: 6 Nov 2020 17:39

Instrument :
 MSVOA_N
 ClientSampleId :
 PB132855ZHE#19

Tot Ion:113 Resp: 168326
 Ion Ratio Lower Upper
 113 100
 111 103.2 81.1 121.7
 192 16.1 12.8 19.2

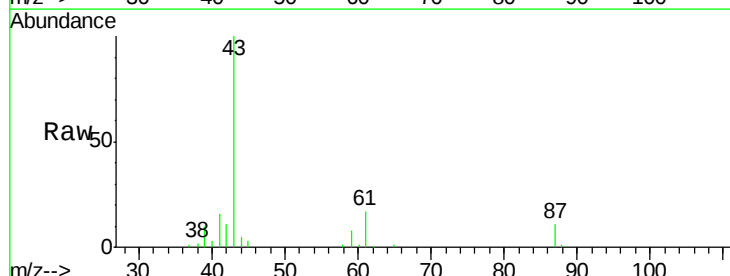


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

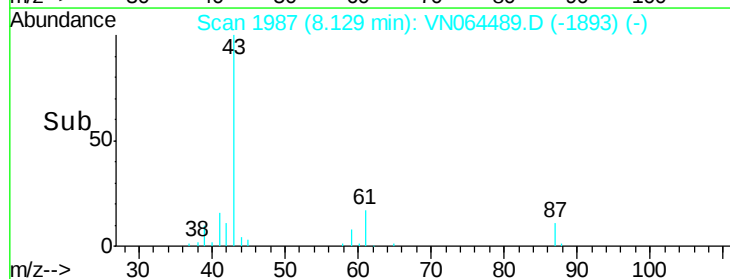
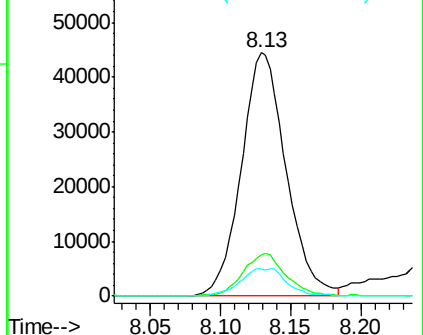


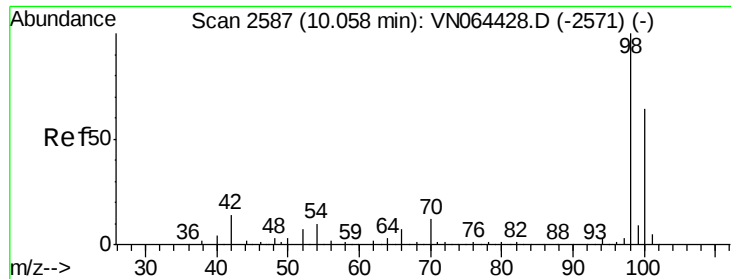
#43
 Isopropyl Acetate
 Concen: 11.458 ug/l
 RT: 8.13 min Scan# 1987
 Delta R.T. 0.00 min
 Lab File: VN064489.D
 Acq: 6 Nov 2020 17:39

Tgt Ion: 43 Resp: 98687
 Ion Ratio Lower Upper
 43 100
 61 16.8 14.0 21.0
 87 11.6 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: 50.119 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064489.D

Acq: 6 Nov 2020 17:39

Instrument :

MSVOA_N

ClientSampleId :

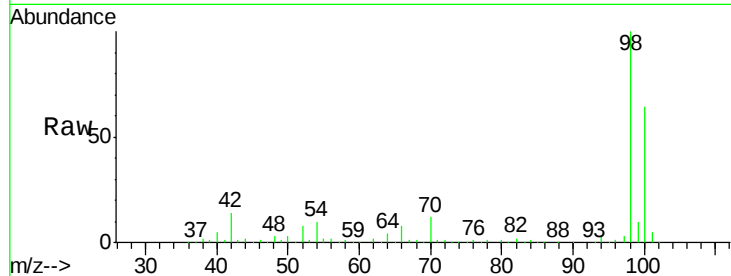
PB132855ZHE#19

Tot Ion: 98 Resp: 663492

Ion Ratio Lower Upper

98 100

100 63.6 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN064428.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN064428.D (-2571) (-)

10.06

400000

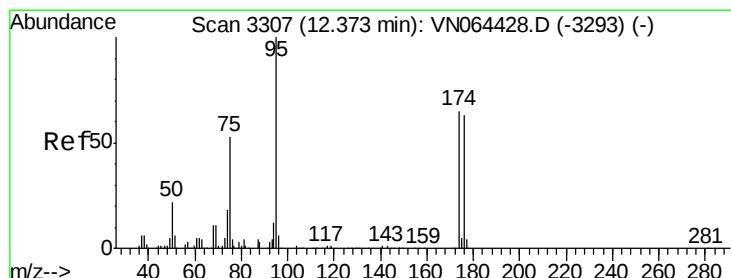
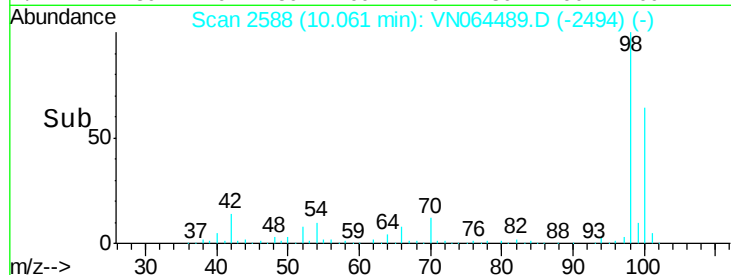
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.583 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064489.D

Acq: 6 Nov 2020 17:39

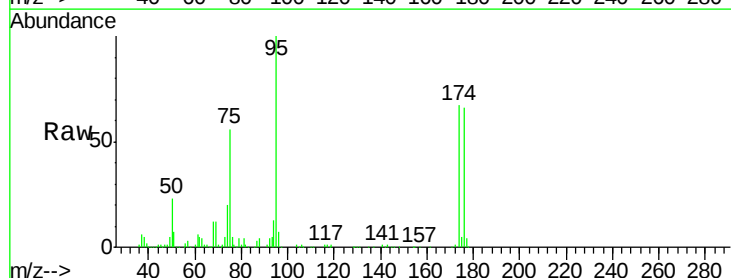
Tgt Ion: 95 Resp: 253250

Ion Ratio Lower Upper

95 100

174 69.0 0.0 132.6

176 66.6 0.0 129.2



Abundance Ion 94.90 (94.60 to 95.60): VN064428.D (-3293) (-)

Ion 173.80 (173.50 to 174.50): VN064428.D (-3293) (-)

Ion 175.80 (175.50 to 176.50): VN064428.D (-3293) (-)

12.38

200000

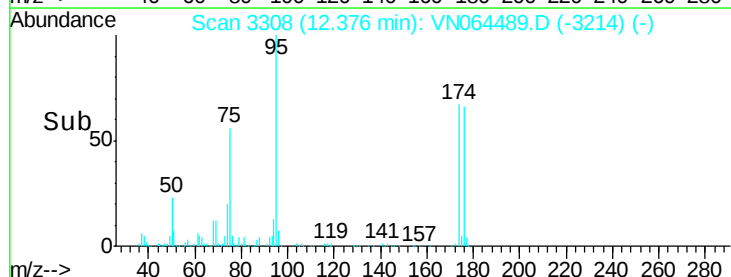
150000

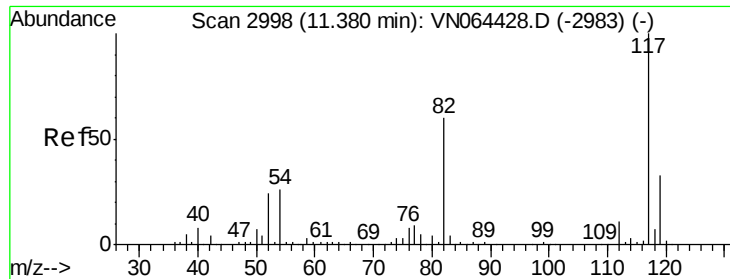
100000

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: VN064489.D

Acq: 6 Nov 2020 17:39

Instrument :

MSVOA_N

ClientSampleId :

PB132855ZHE#19

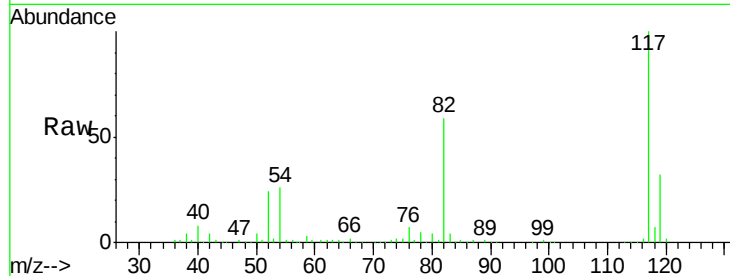
Tot Ion:117 Resp: 537269

Ion Ratio Lower Upper

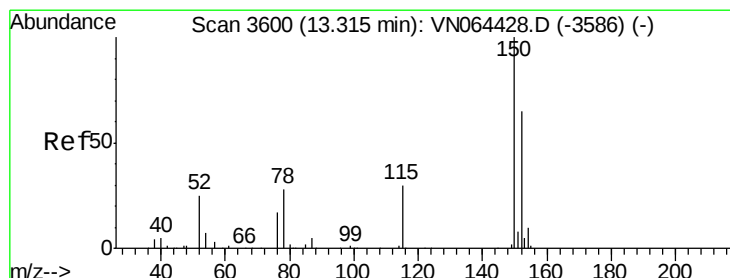
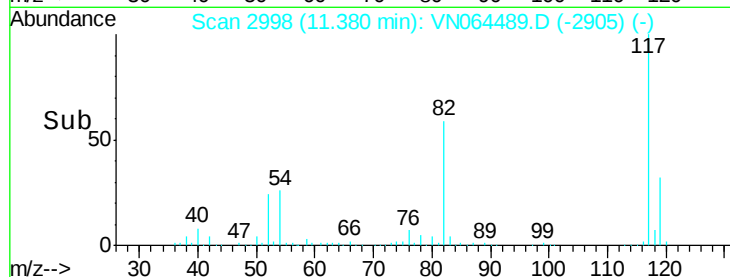
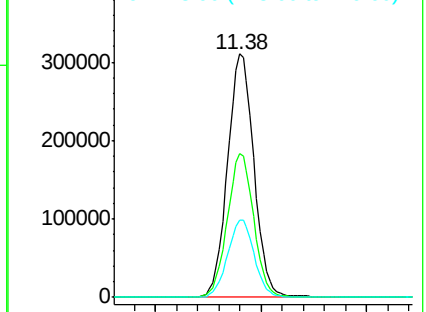
117 100

82 59.0 48.1 72.1

119 31.6 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: VN064489.D

Acq: 6 Nov 2020 17:39

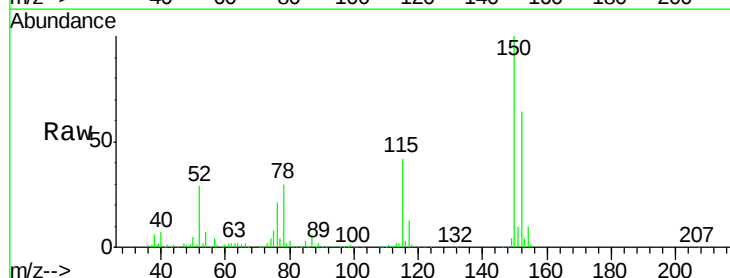
Tgt Ion:152 Resp: 195736

Ion Ratio Lower Upper

152 100

115 64.2 32.0 96.0

150 157.0 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

