

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110520\
 Data File : VN064458.D
 Acq On : 5 Nov 2020 14:04
 Operator : JC/MD
 Sample : PB132824ZHE#15
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB132824ZHE#15

Quant Time: Nov 06 03:16:39 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

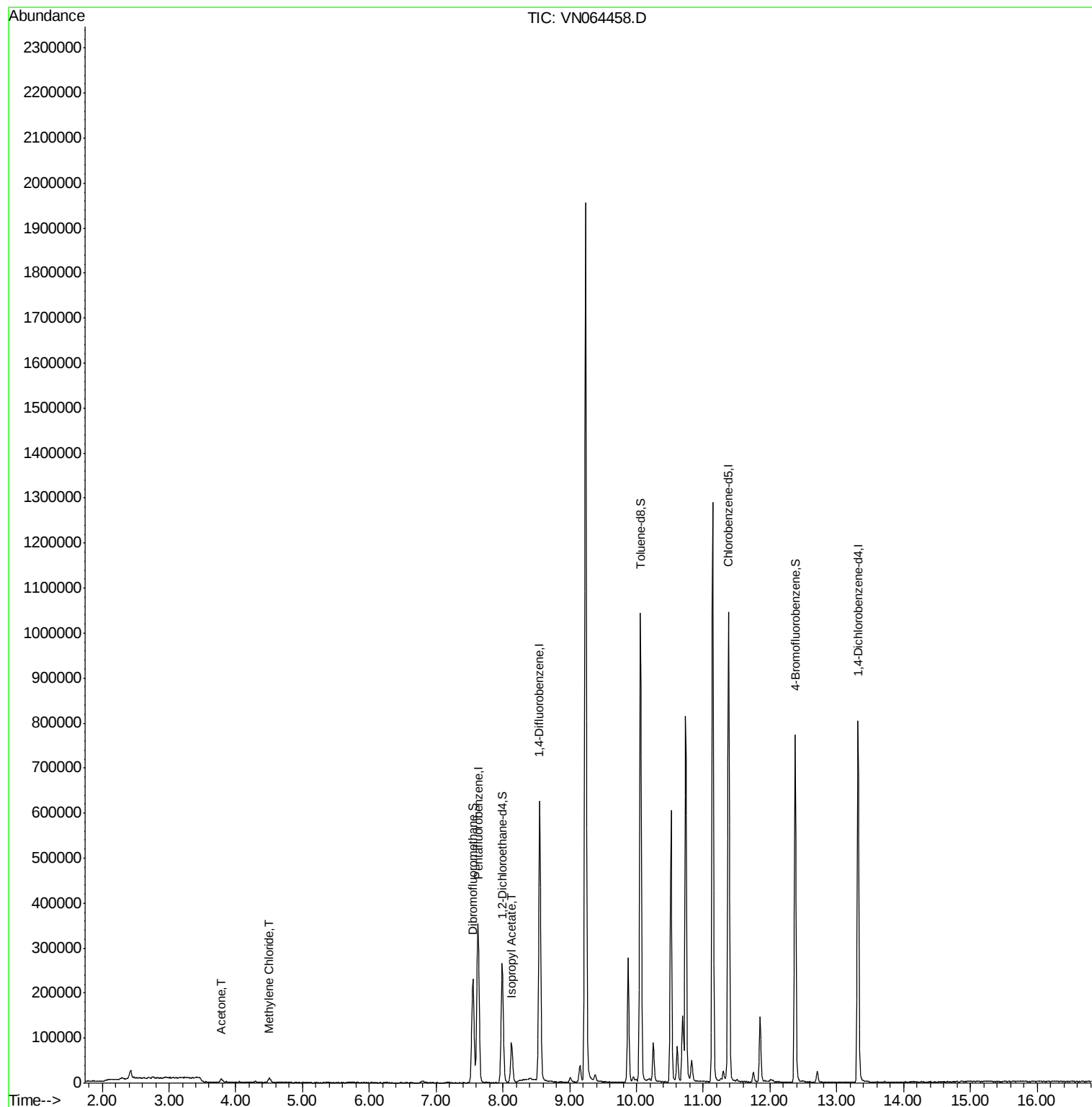
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	251300	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	509707	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	553435	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	201063	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	242053	55.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.60%	
35) Dibromofluoromethane	7.55	113	174480	50.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.56%	
50) Toluene-d8	10.06	98	688043	51.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.60%	
62) 4-Bromofluorobenzene	12.38	95	260298	51.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.62%	
Target Compounds						
16) Acetone	3.78	43	11377	6.823	ug/l	99
20) Methylene Chloride	4.51	84	6895	2.084	ug/l	86
43) Isopropyl Acetate	8.13	43	107131	12.277	ug/l	100

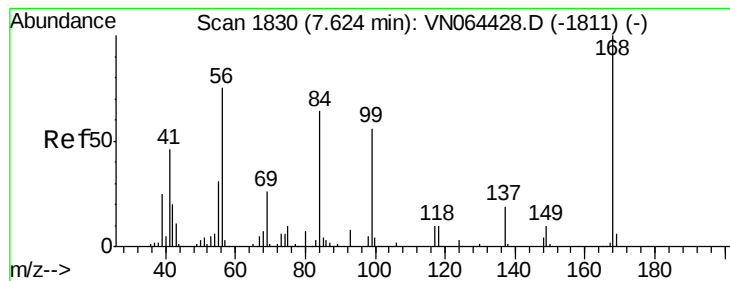
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN064458.D

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Instrument :

MSVOA_N

ClientSampleId :

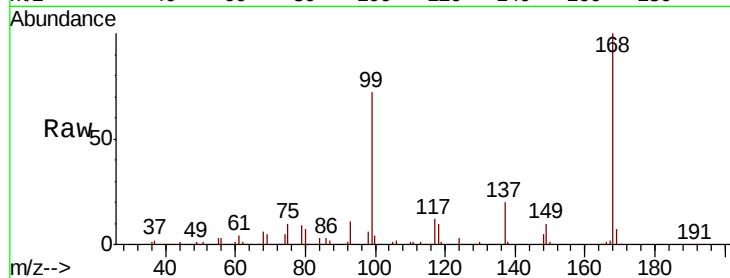
PB132824ZHE#15

Tot Ion:168 Resp: 251300

Ion Ratio Lower Upper

168 100

99 72.1 53.4 80.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

100000

80000

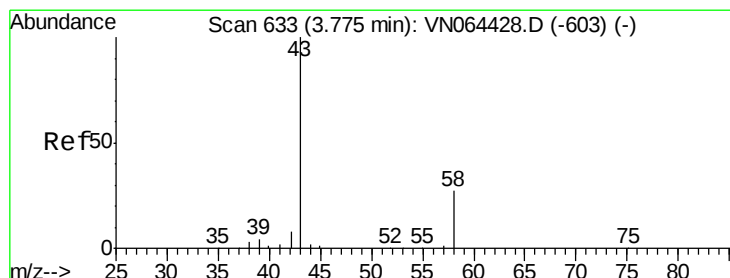
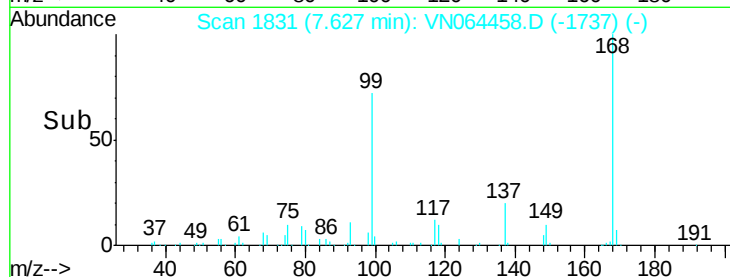
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 6.823 ug/l

RT: 3.78 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN064458.D

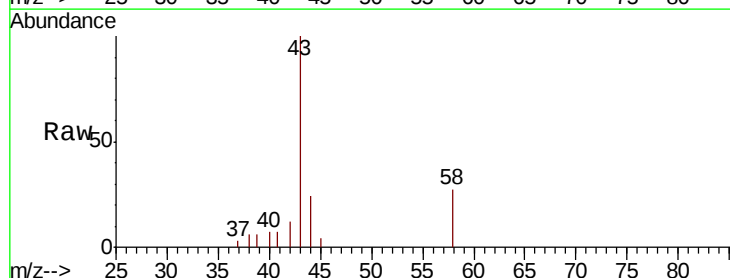
Acq: 5 Nov 2020 14:04

Tgt Ion: 43 Resp: 11377

Ion Ratio Lower Upper

43 100

58 27.4 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.78

5000

4000

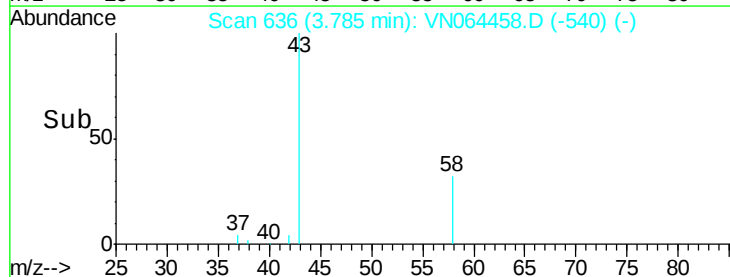
3000

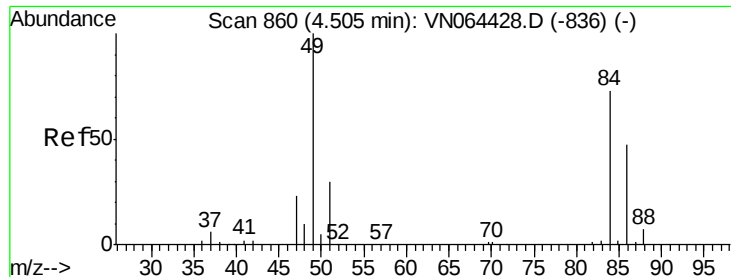
2000

1000

0

Time--> 3.70 3.75 3.80 3.85





#20

Methylene Chloride

Concen: 2.084 ug/l

RT: 4.51 min Scan# 860

Delta R.T. -0.00 min

Lab File: VN064458.D

Acq: 5 Nov 2020 14:04

Instrument :

MSVOA_N

ClientSampleId :

PB132824ZHE#15

Tot Ion: 84 Resp: 6895

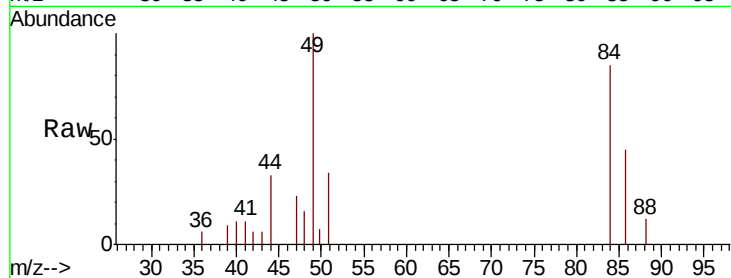
Ion Ratio Lower Upper

84 100

49 117.0 110.1 165.1

51 39.9 33.6 50.4

86 53.2 52.1 78.1



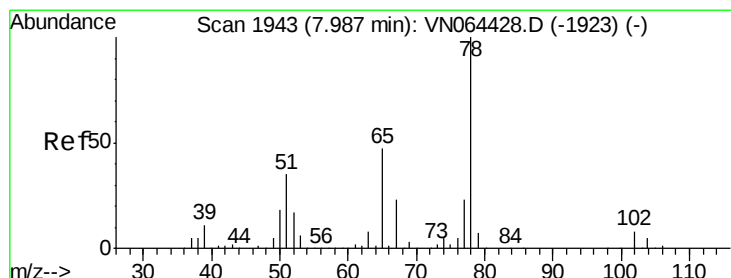
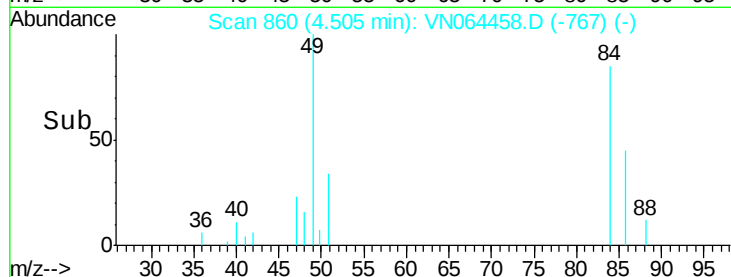
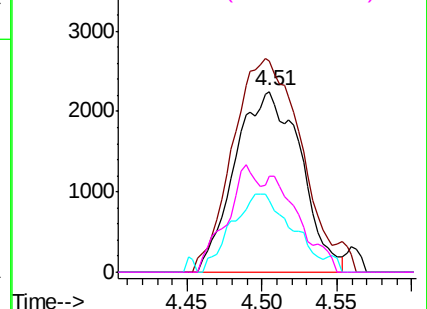
Abundance

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



#33

1,2-Dichloroethane-d4

Concen: 55.298 ug/l

RT: 7.99 min Scan# 1944

Delta R.T. 0.00 min

Lab File: VN064458.D

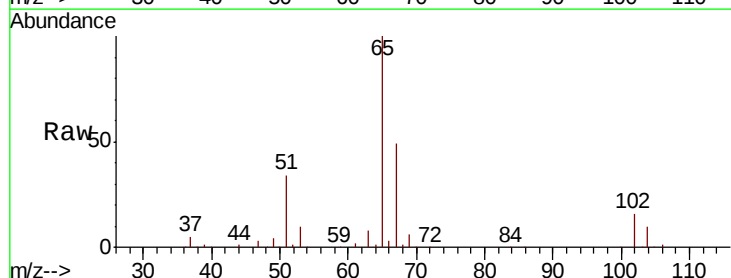
Acq: 5 Nov 2020 14:04

Tgt Ion: 65 Resp: 242053

Ion Ratio Lower Upper

65 100

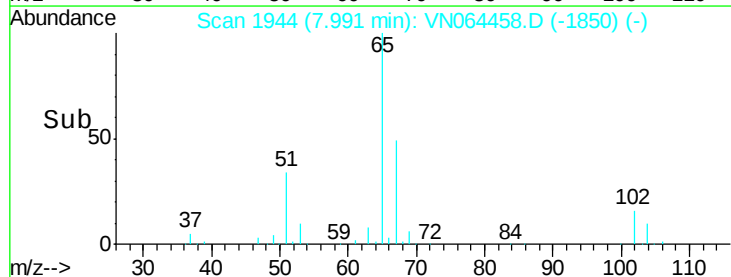
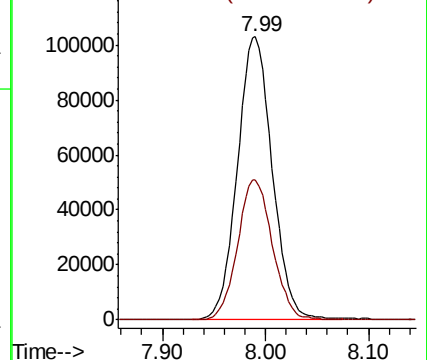
67 49.6 0.0 101.6

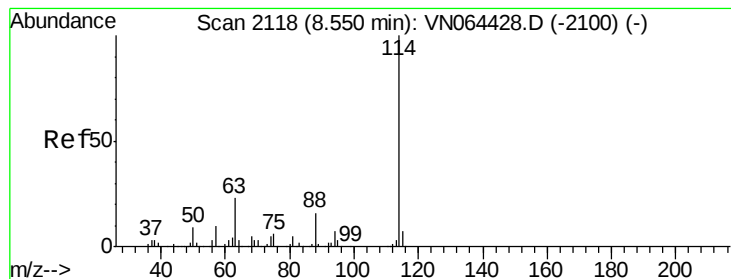


Abundance

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: VN064458.D

Acq: 5 Nov 2020 14:04

Instrument :

MSVOA_N

ClientSampleId :

PB132824ZHE#15

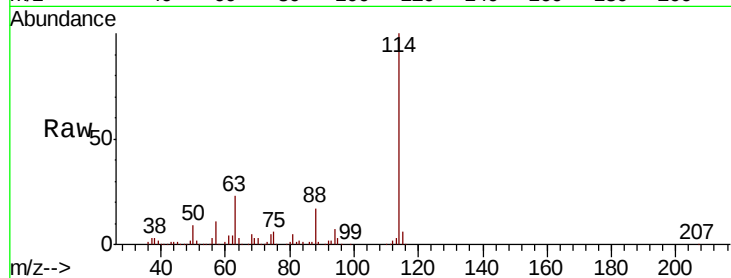
Tot Ion:114 Resp: 509707

Ion Ratio Lower Upper

114 100

63 23.2 0.0 45.6

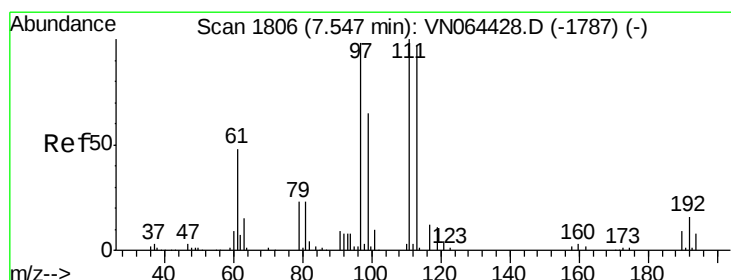
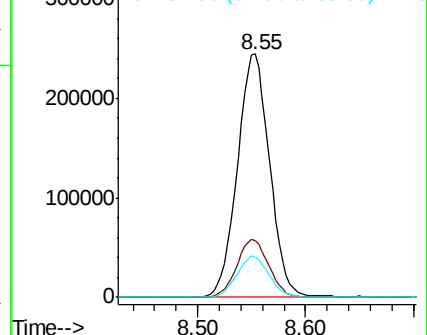
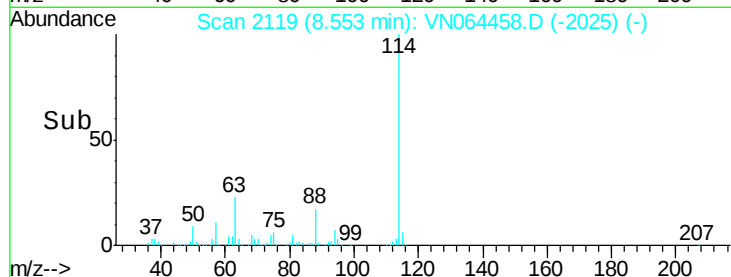
88 16.6 0.0 32.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 50.277 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN064458.D

Acq: 5 Nov 2020 14:04

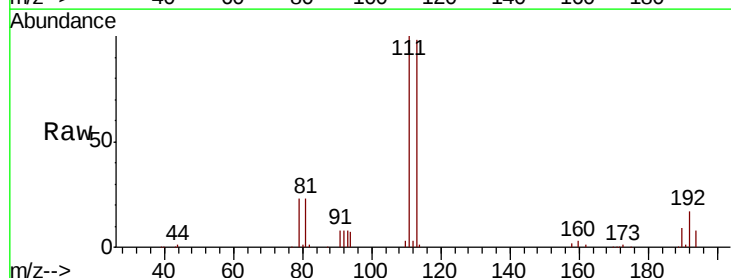
Tgt Ion:113 Resp: 174480

Ion Ratio Lower Upper

113 100

111 102.8 81.1 121.7

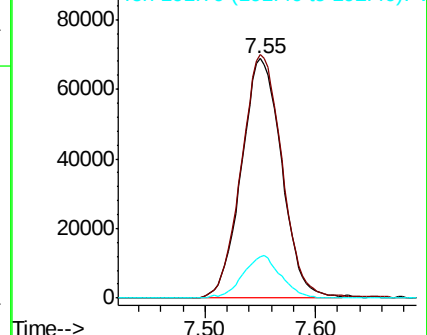
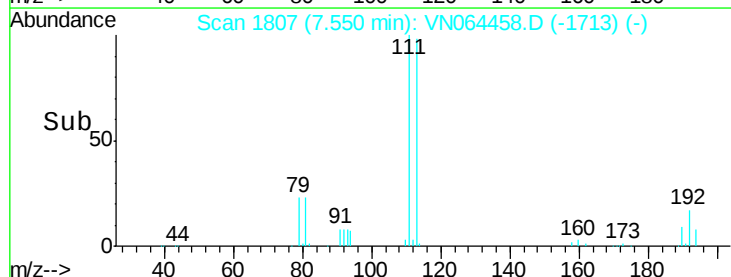
192 16.7 12.8 19.2

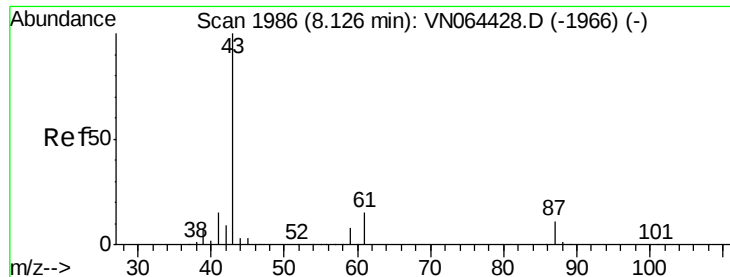


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



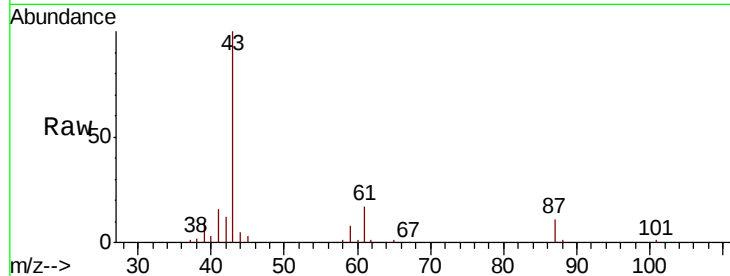


#43

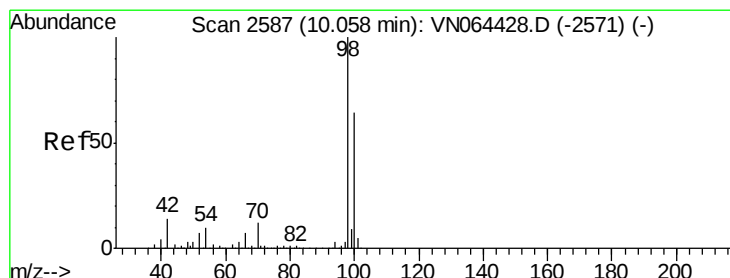
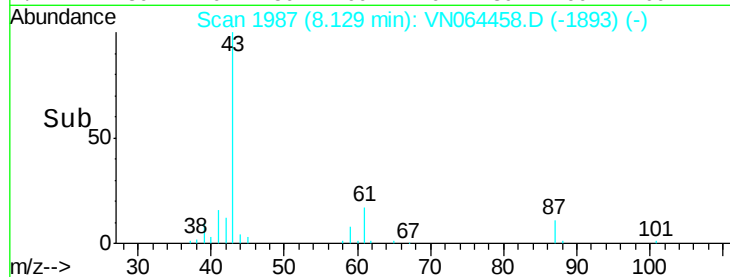
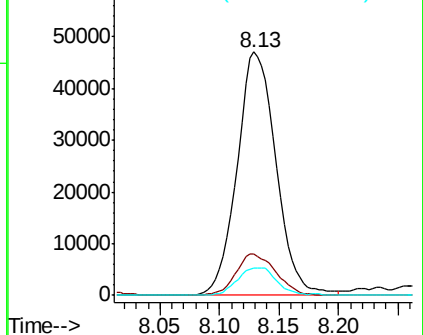
Isopropyl Acetate
 Concen: 12.277 ug/l
 RT: 8.13 min Scan# 1987
 Delta R.T. 0.00 min
 Lab File: VN064458.D
 Acq: 5 Nov 2020 14:04

Instrument :
 MSVOA_N
 ClientSampleId :
 PB132824ZHE#15

Tot Ion: 43 Resp: 107131
 Ion Ratio Lower Upper
 43 100
 61 17.5 14.0 21.0
 87 11.3 9.1 13.7



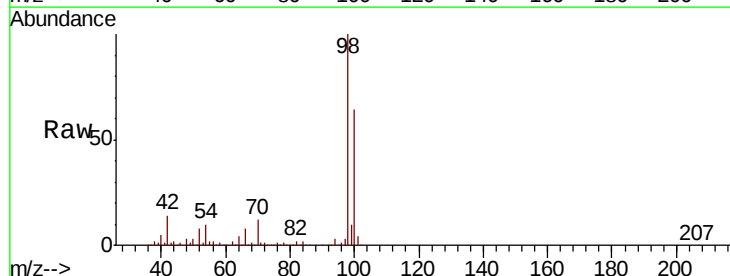
Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 61.00 (60.70 to 61.70): VN0
 Ion 87.00 (86.70 to 87.70): VN0



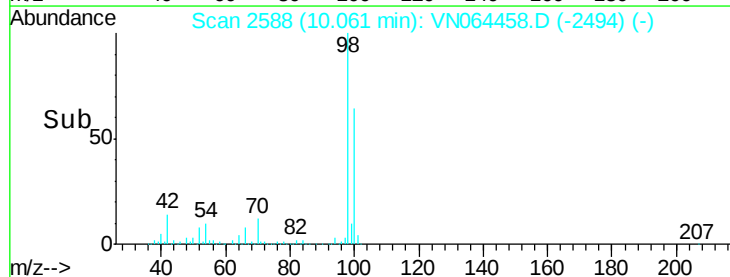
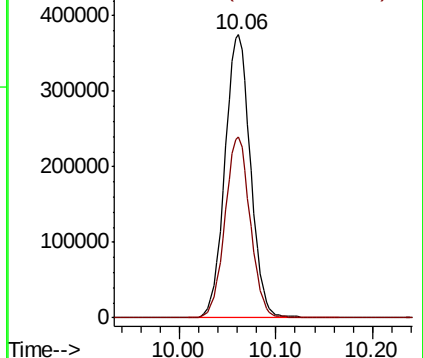
#50

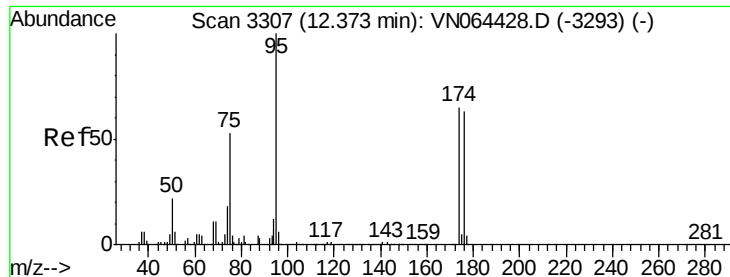
Toluene-d8
 Concen: 51.296 ug/l
 RT: 10.06 min Scan# 2588
 Delta R.T. 0.00 min
 Lab File: VN064458.D
 Acq: 5 Nov 2020 14:04

Tgt Ion: 98 Resp: 688043
 Ion Ratio Lower Upper
 98 100
 100 63.1 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0
 Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 51.314 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064458.D

Acq: 5 Nov 2020 14:04

Instrument :

MSVOA_N

ClientSampleId :

PB132824ZHE#15

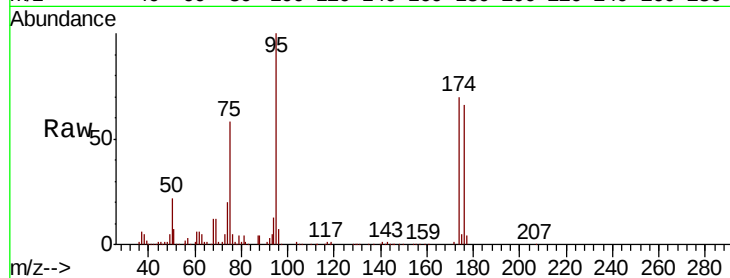
Tot Ion: 95 Resp: 260298

Ion Ratio Lower Upper

95 100

174 70.2 0.0 132.6

176 66.5 0.0 129.2

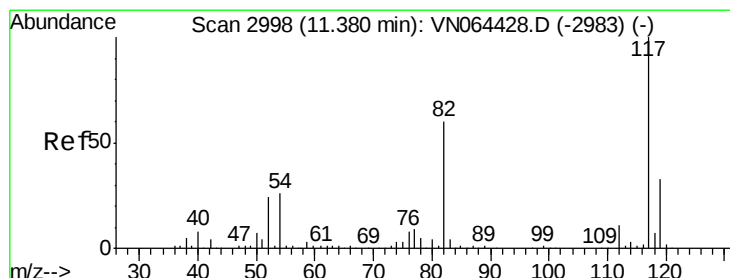
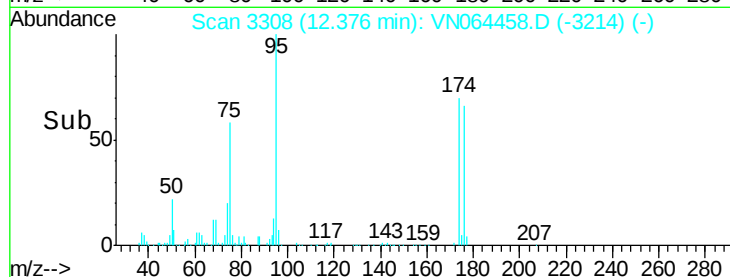
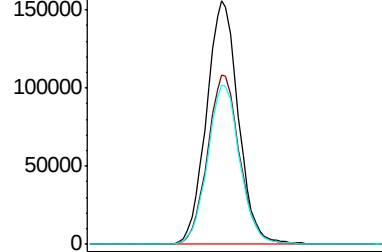


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0

12.38



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. -0.00 min

Lab File: VN064458.D

Acq: 5 Nov 2020 14:04

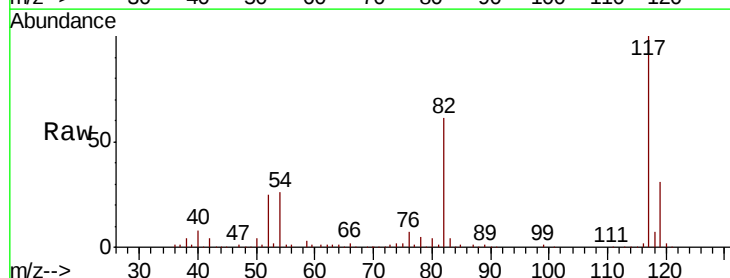
Tgt Ion: 117 Resp: 553435

Ion Ratio Lower Upper

117 100

82 60.6 48.1 72.1

119 31.3 26.2 39.4

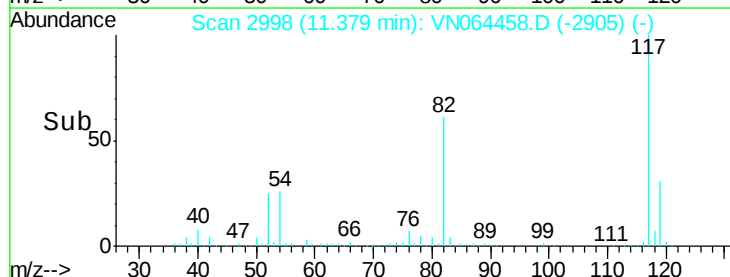
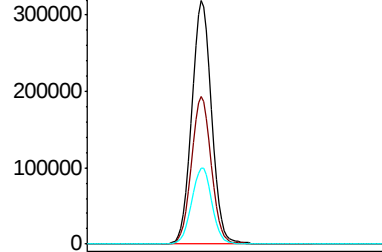


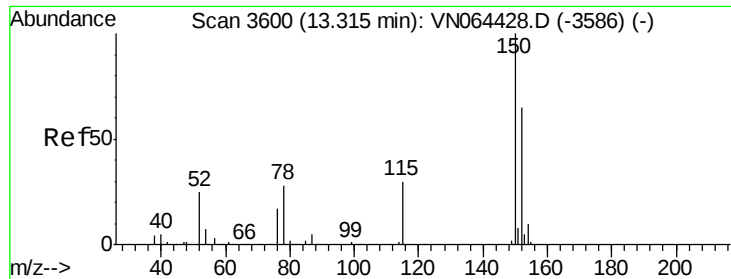
Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0

11.38





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064458.D

Acq: 5 Nov 2020 14:04

Instrument :

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PB132824ZHE#15

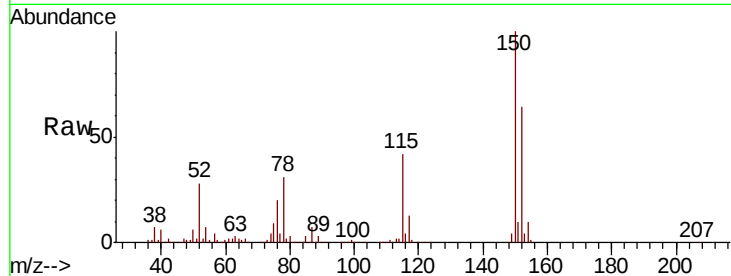
Tot Ion:152 Resp: 201063

Ion Ratio Lower Upper

152 100

115 65.8 32.0 96.0

150 155.4 0.0 353.8



Abundance Ion 151.90 (151.60 to 152.60): V

250000 Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

