

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111220\
 Data File : VN064589.D
 Acq On : 12 Nov 2020 18:27
 Operator : JC/MD
 Sample : L4701-18
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRANSFORMER-5-2-BOTTOM

Quant Time: Nov 13 03:51:14 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

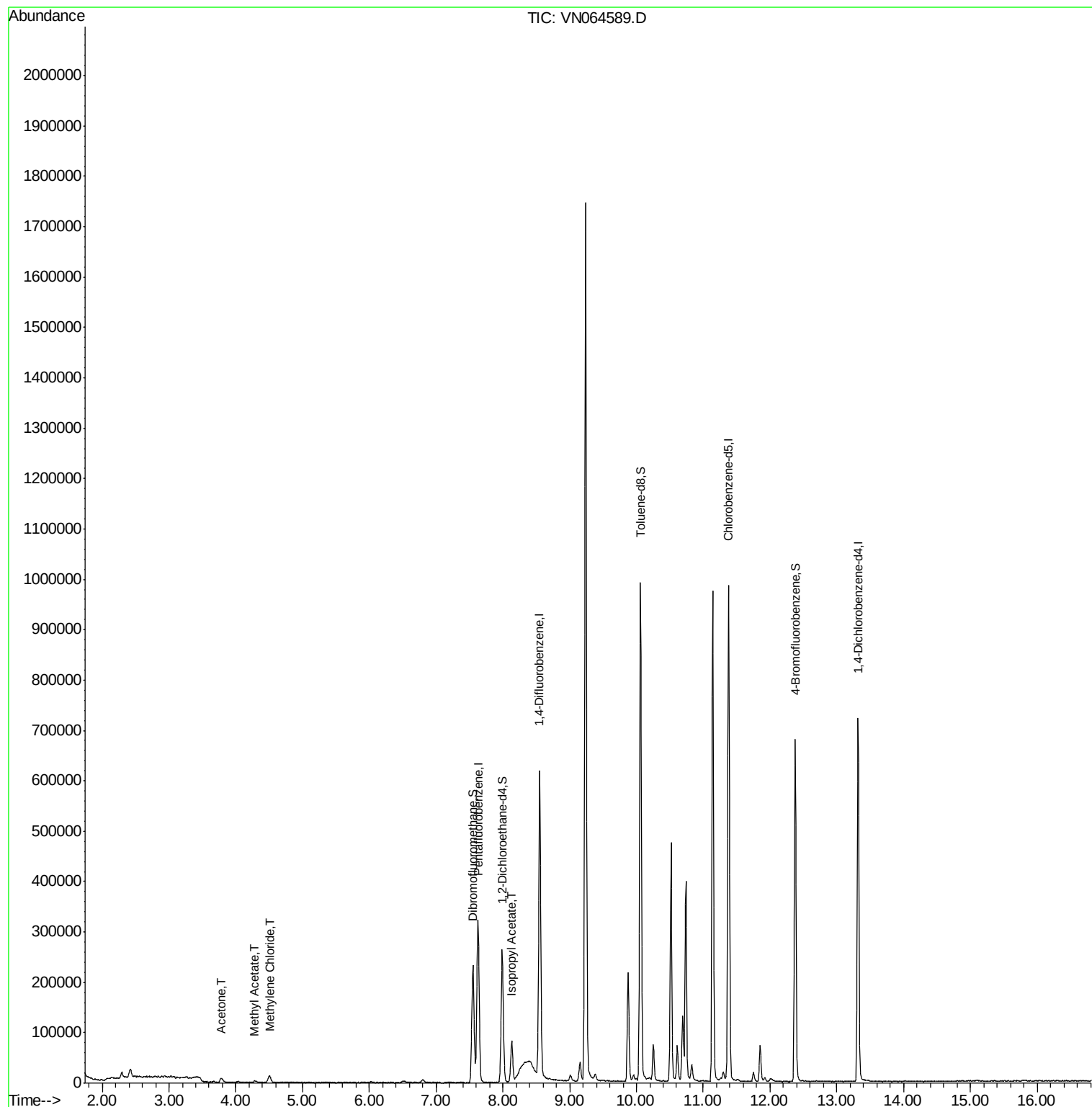
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	228468	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	493901	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	525160	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	179697	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	235865	59.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.54%	
35) Dibromofluoromethane	7.55	113	173975	51.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.48%	
50) Toluene-d8	10.06	98	648851	49.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.84%	
62) 4-Bromofluorobenzene	12.38	95	234237	47.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.30%	
Target Compounds						
16) Acetone	3.79	43	14550	9.598	ug/l #	81
18) Methyl Acetate	4.29	43	6386	2.143	ug/l	98
20) Methylene Chloride	4.50	84	9463	3.146	ug/l #	88
43) Isopropyl Acetate	8.13	43	96891	11.459	ug/l	99

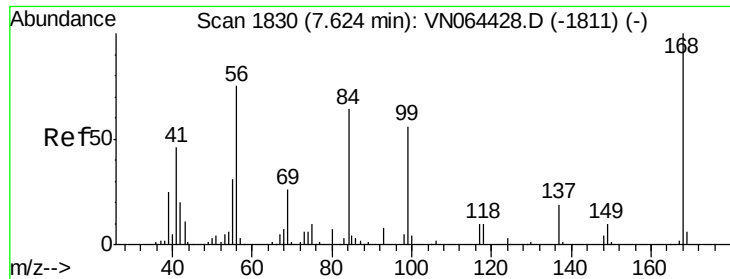
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN064589.D

Acq: 12 Nov 2020 18:27

Instrument :

MSVOA_N

ClientSampleId :

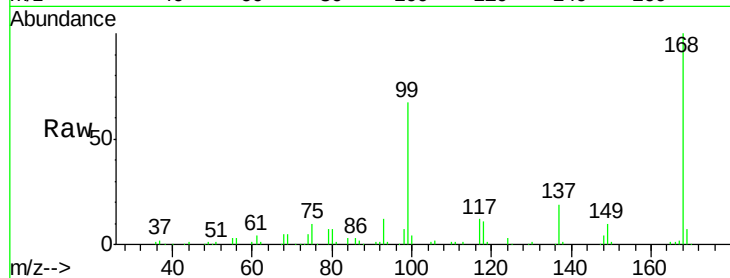
TRANSFORMER-5-2-BOTTOM

Tot Ion:168 Resp: 228468

Ion Ratio Lower Upper

168 100

99 66.5 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

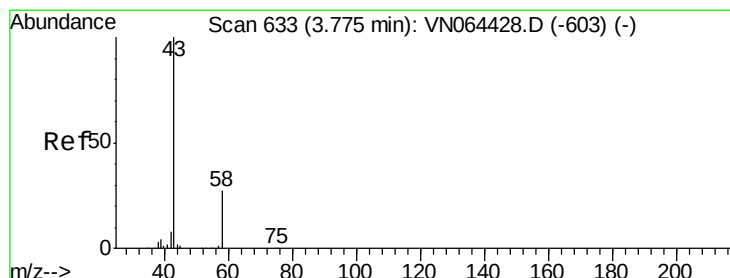
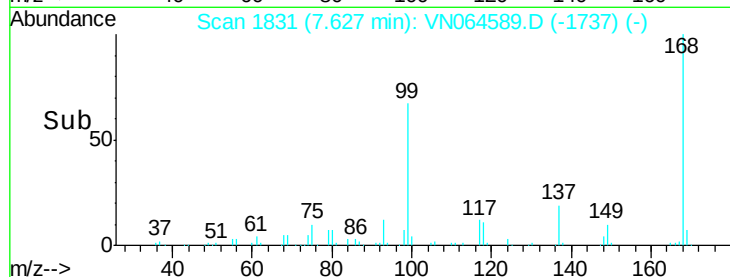
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 9.598 ug/l

RT: 3.79 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN064589.D

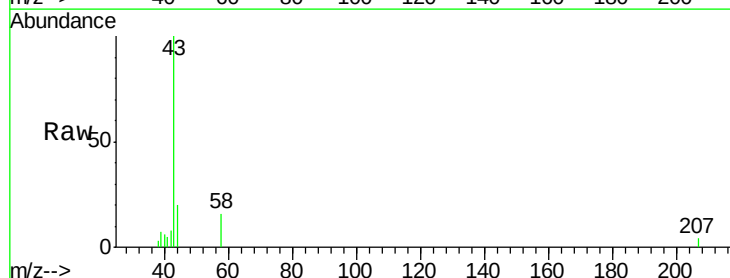
Acq: 12 Nov 2020 18:27

Tgt Ion: 43 Resp: 14550

Ion Ratio Lower Upper

43 100

58 16.7 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

5000

4000

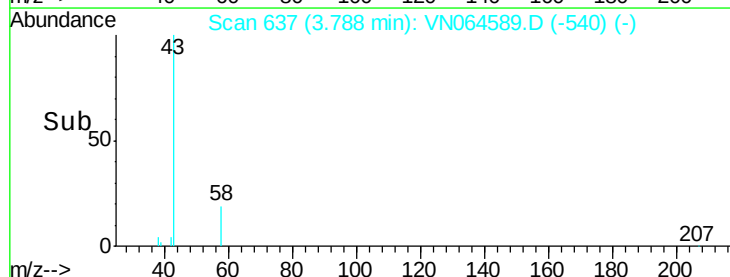
3000

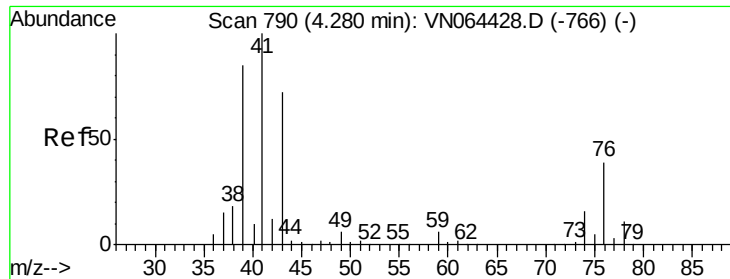
2000

1000

0

Time--> 3.70 3.75 3.80 3.85 3.90

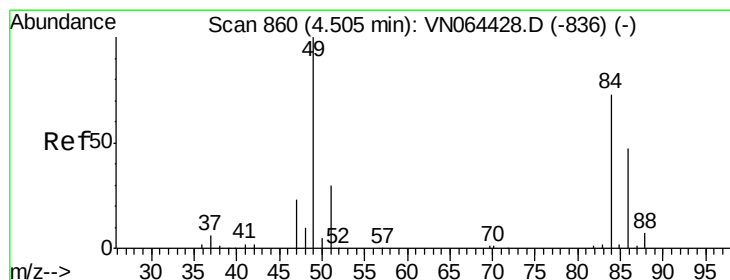
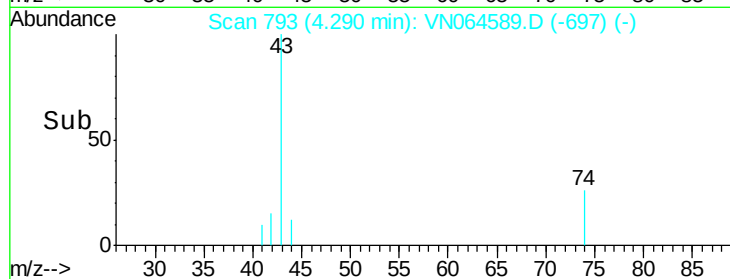
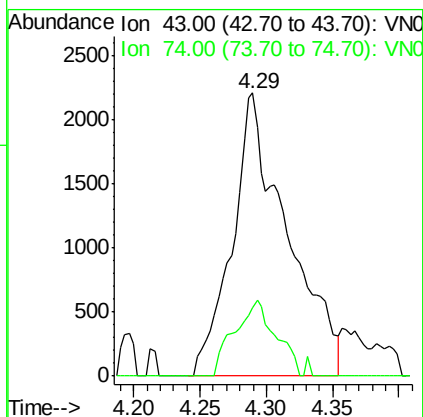
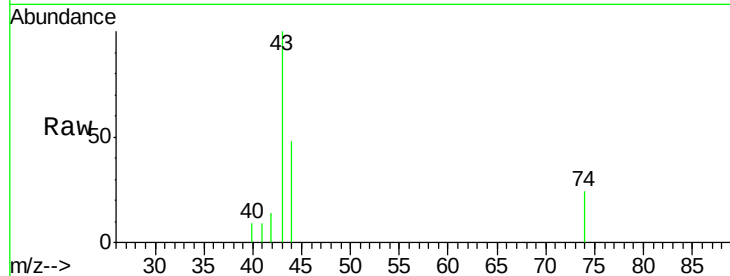




#18
Methyl Acetate
Concen: 2.143 ug/l
RT: 4.29 min Scan# 793
Delta R.T. 0.01 min
Lab File: VN064589.D
Acq: 12 Nov 2020 18:27

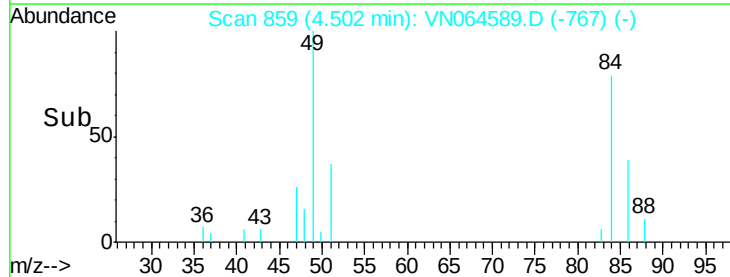
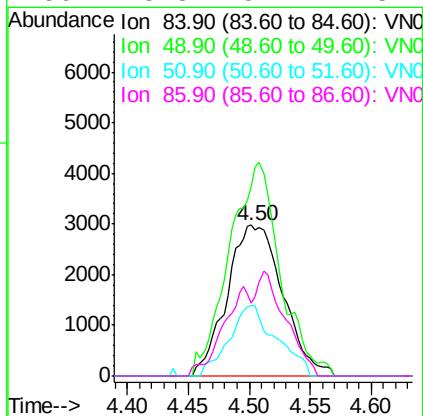
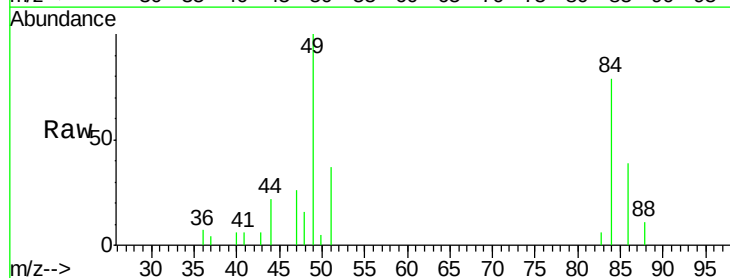
Instrument :
MSVOA_N
ClientSampleId :
TRANSFORMER-5-2-BOTTOM

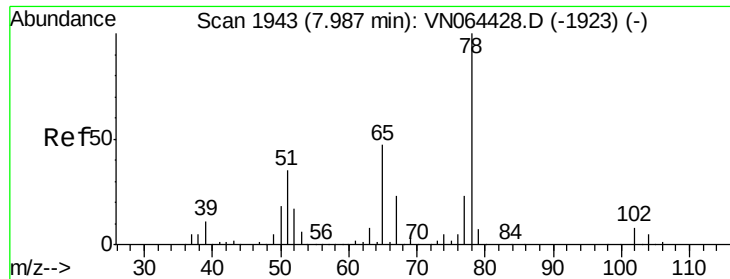
Tot Ion: 43 Resp: 6386
Ion Ratio Lower Upper
43 100
74 20.1 17.0 25.4



#20
Methylene Chloride
Concen: 3.146 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN064589.D
Acq: 12 Nov 2020 18:27

Tgt Ion: 84 Resp: 9463
Ion Ratio Lower Upper
84 100
49 125.9 110.1 165.1
51 46.4 33.6 50.4
86 48.8 52.1 78.1#

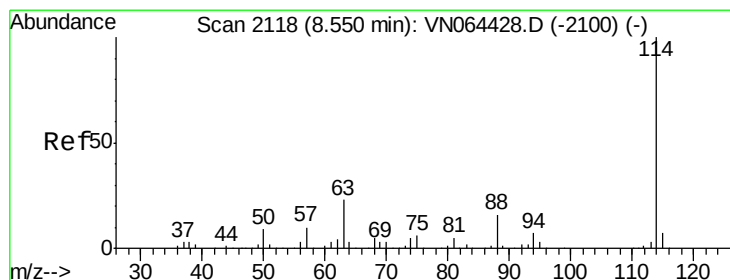
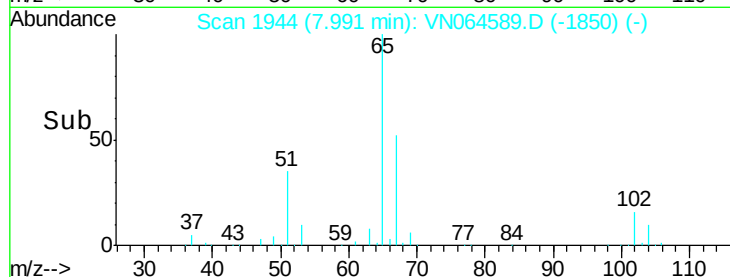
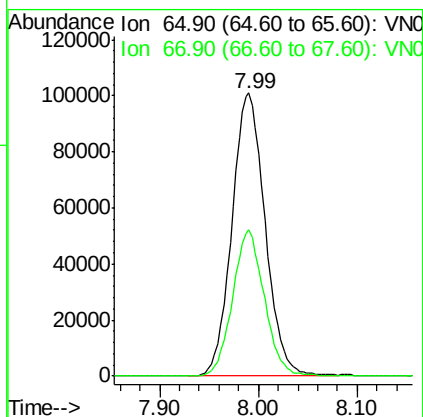
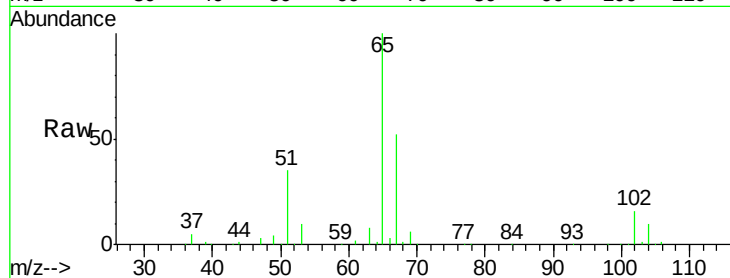




#33
 1,2-Dichloroethane-d4
 Concen: 59.269 ug/l
 RT: 7.99 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VN064589.D
 Acq: 12 Nov 2020 18:27

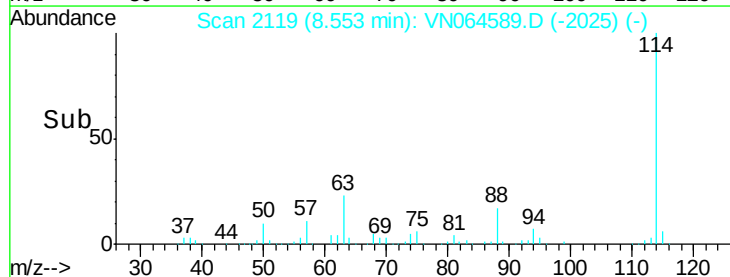
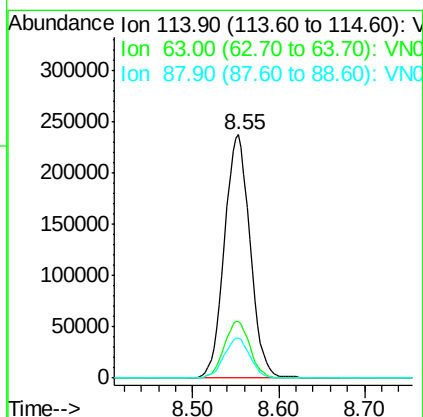
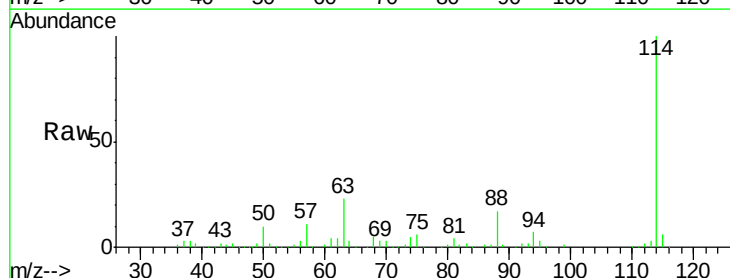
Instrument :
 MSVOA_N
 ClientSampleId :
 TRANSFORMER-5-2-BOTTOM

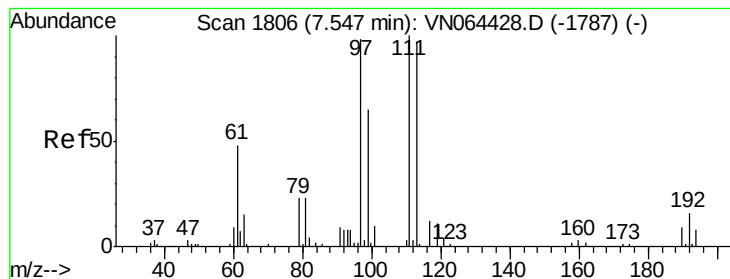
Tot Ion: 65 Resp: 235865
 Ion Ratio Lower Upper
 65 100
 67 49.4 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN064589.D
 Acq: 12 Nov 2020 18:27

Tgt Ion: 114 Resp: 493901
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 45.6
 88 16.6 0.0 32.8





#35

Dibromofluoromethane

Concen: 51.735 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN064589.D

Acq: 12 Nov 2020 18:27

Instrument :

MSVOA_N

ClientSampleId :

TRANSFORMER-5-2-BOTTOM

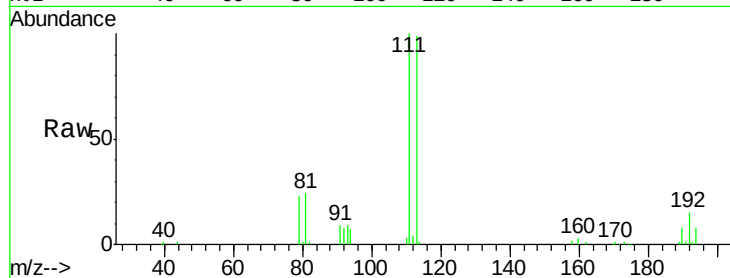
Tot Ion:113 Resp: 173975

Ion Ratio Lower Upper

113 100

111 101.0 81.1 121.7

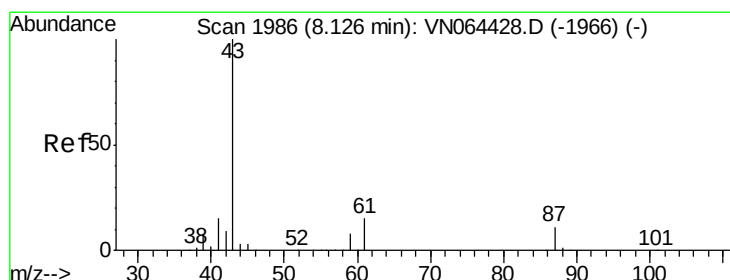
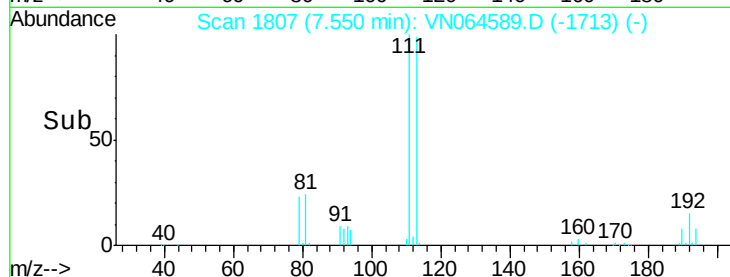
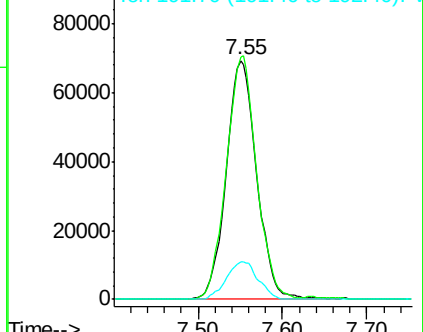
192 16.5 12.8 19.2



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: 11.459 ug/l

RT: 8.13 min Scan# 1988

Delta R.T. 0.01 min

Lab File: VN064589.D

Acq: 12 Nov 2020 18:27

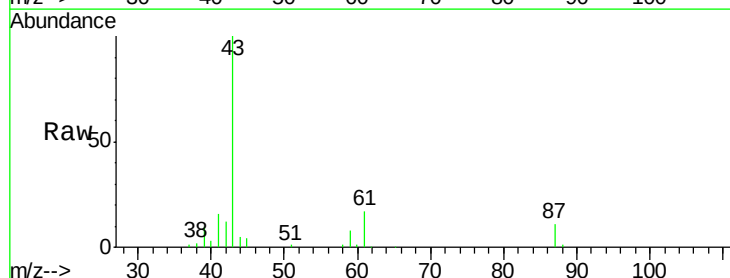
Tgt Ion: 43 Resp: 96891

Ion Ratio Lower Upper

43 100

61 16.7 14.0 21.0

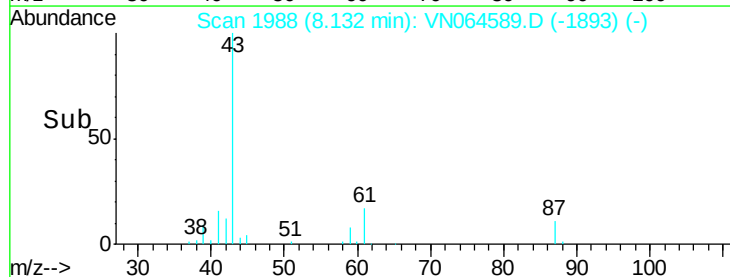
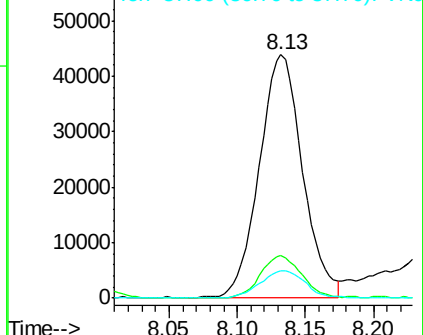
87 11.6 9.1 13.7

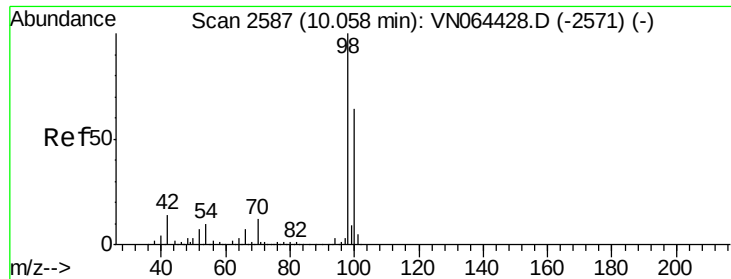


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: 49.922 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064589.D

Acq: 12 Nov 2020 18:27

Instrument :

MSVOA_N

ClientSampleId :

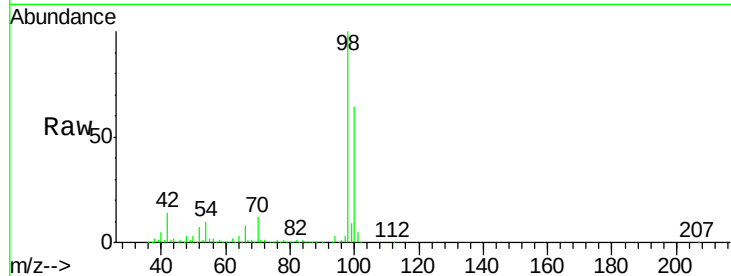
TRANSFORMER-5-2-BOTTOM

Tot Ion: 98 Resp: 648851

Ion Ratio Lower Upper

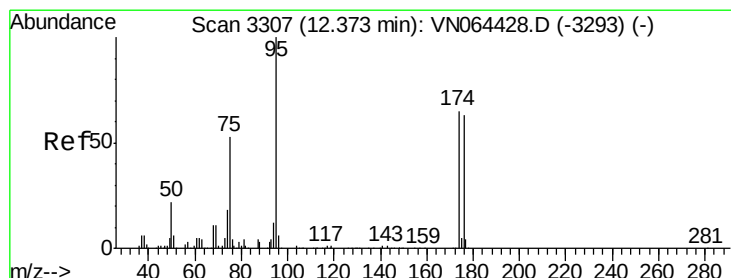
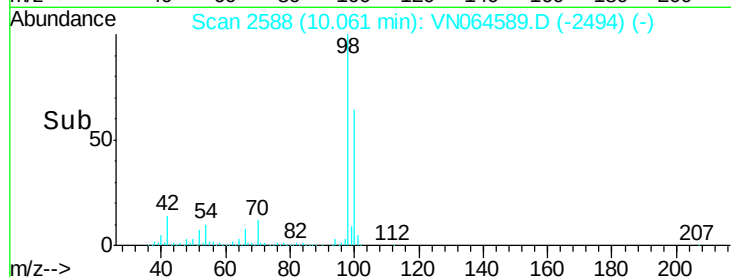
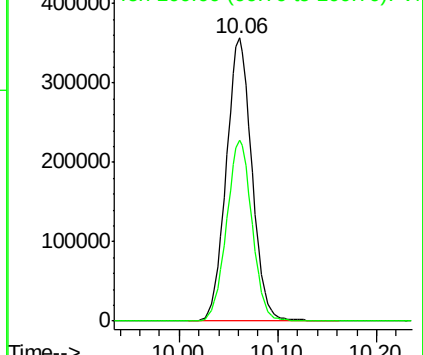
98 100

100 63.4 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 47.654 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064589.D

Acq: 12 Nov 2020 18:27

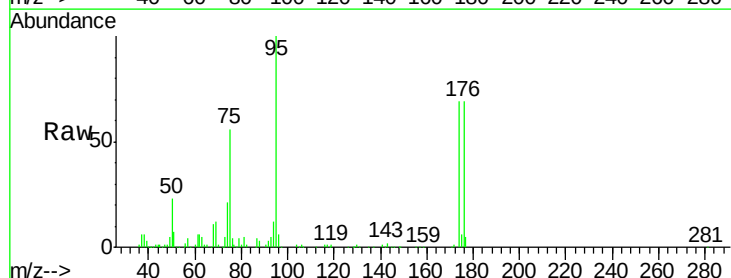
Tgt Ion: 95 Resp: 234237

Ion Ratio Lower Upper

95 100

174 69.8 0.0 132.6

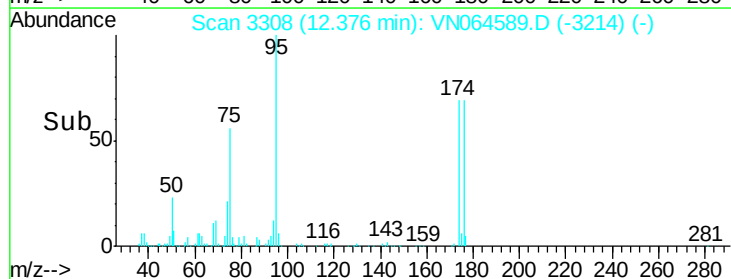
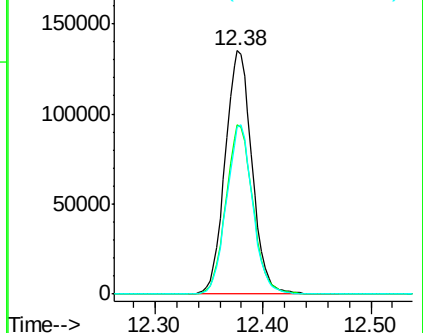
176 67.9 0.0 129.2

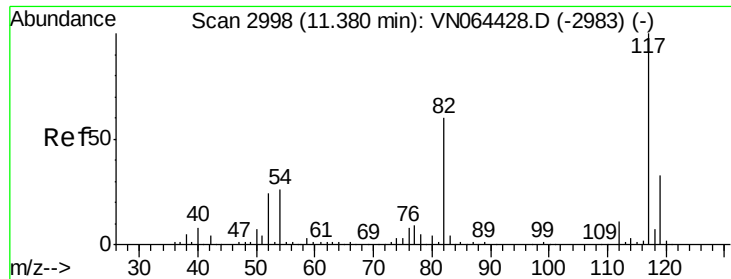


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

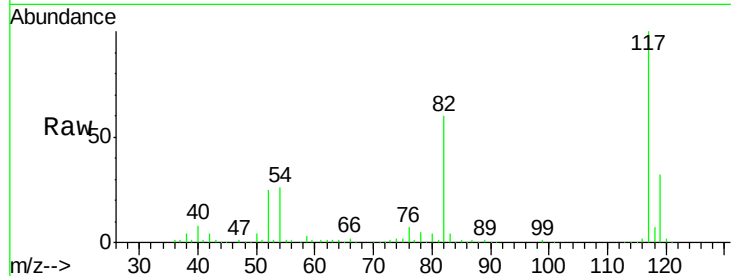




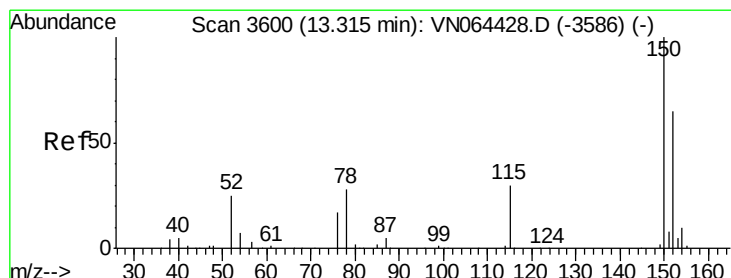
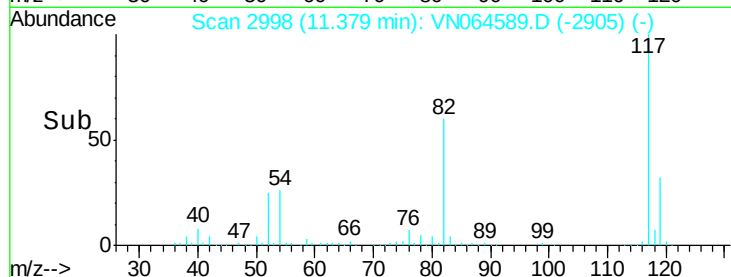
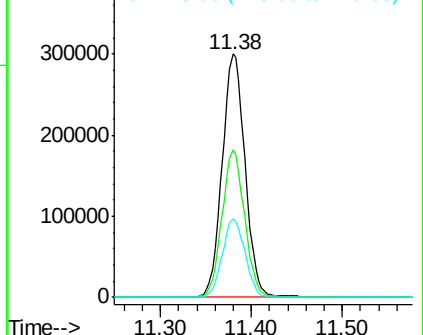
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064589.D
Acq: 12 Nov 2020 18:27

Instrument :
MSVOA_N
ClientSampleId :
TRANSFORMER-5-2-BOTTOM

Tot Ion:117 Resp: 525160
Ion Ratio Lower Upper
117 100
82 60.5 48.1 72.1
119 32.1 26.2 39.4

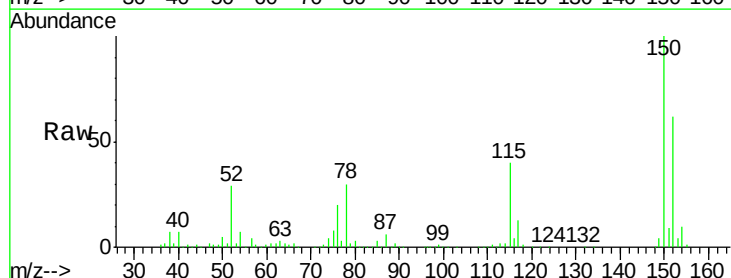


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064589.D
Acq: 12 Nov 2020 18:27

Tgt Ion:152 Resp: 179697
Ion Ratio Lower Upper
152 100
115 64.5 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

