

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111220\
 Data File : VN064585.D
 Acq On : 12 Nov 2020 16:49
 Operator : JC/MD
 Sample : L4701-11
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRANSFORMER-1-4-BOTTOM

Quant Time: Nov 13 03:43:42 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

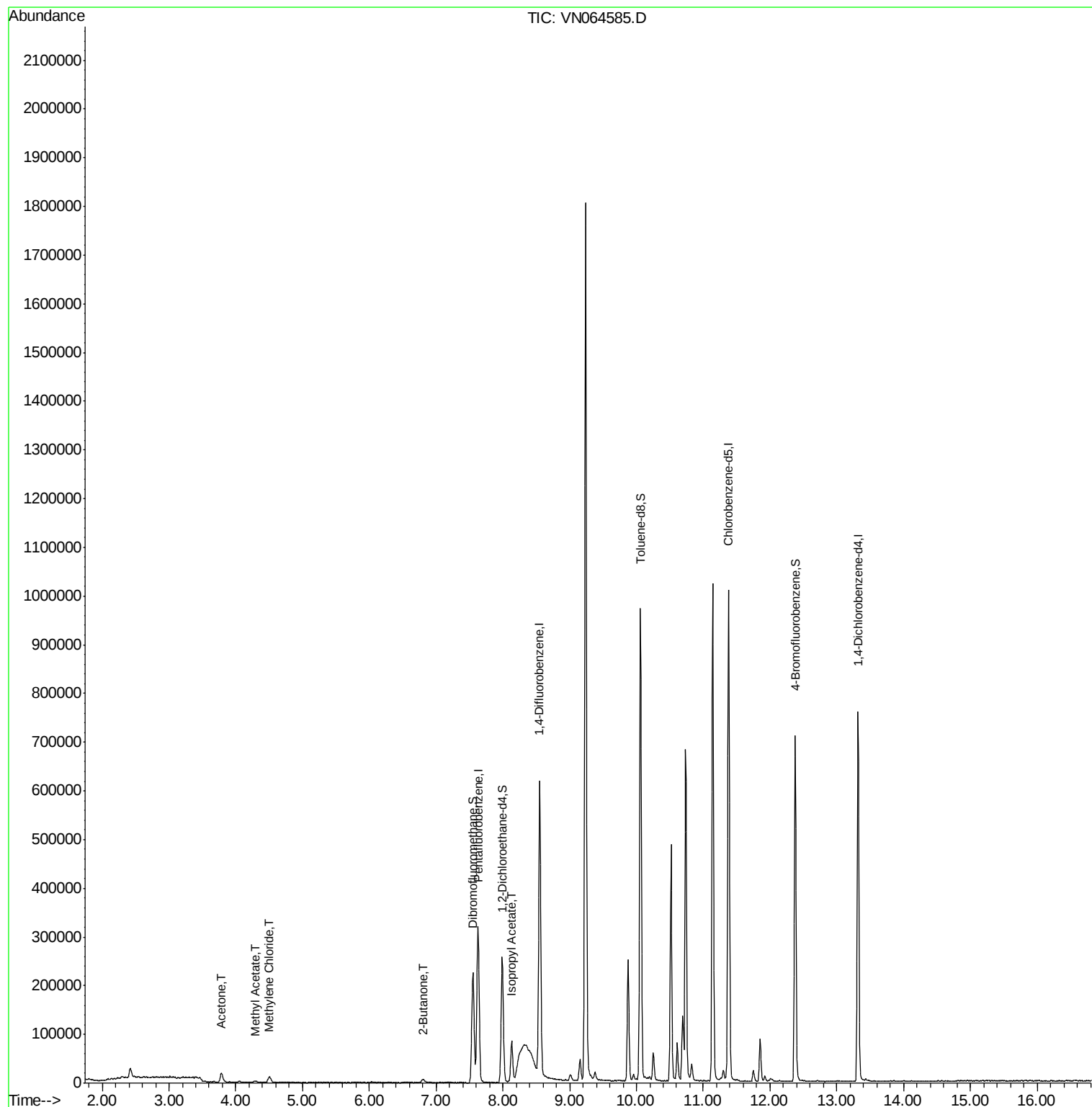
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	227638	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	504931	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	542847	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	192563	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	237640	59.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.86%	
35) Dibromofluoromethane	7.55	113	173022	50.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.66%	
50) Toluene-d8	10.06	98	649737	48.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.80%	
62) 4-Bromofluorobenzene	12.38	95	240859	47.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.86%	
Target Compounds						
16) Acetone	3.78	43	31819	21.067	ug/l	96
18) Methyl Acetate	4.29	43	5880	1.980	ug/l	93
20) Methylene Chloride	4.50	84	9003	3.004	ug/l	89
25) 2-Butanone	6.80	43	9622	5.000	ug/l	100
43) Isopropyl Acetate	8.13	43	100290	11.601	ug/l	98

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

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QLast Update : Wed Nov 04 12:09:03 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN064585.D

Acq: 12 Nov 2020 16:49

Instrument :

MSVOA_N

ClientSampleId :

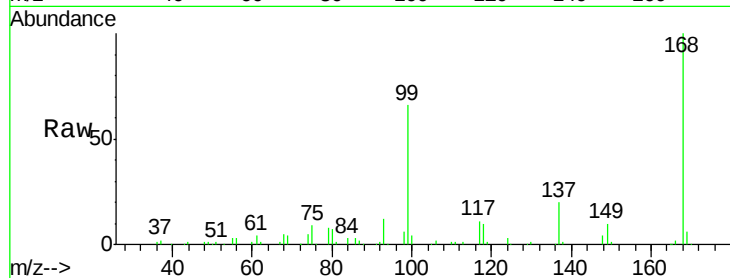
TRANSFORMER-1-4-BOTTOM

Tot Ion:168 Resp: 227638

Ion Ratio Lower Upper

168 100

99 65.5 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

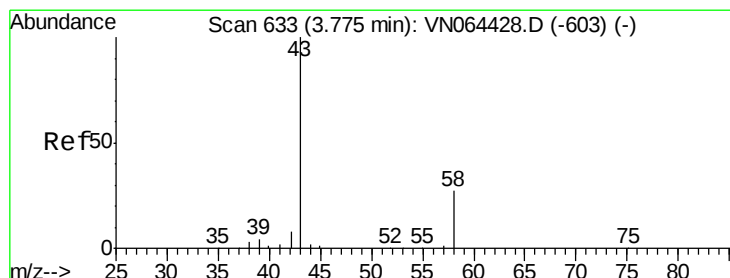
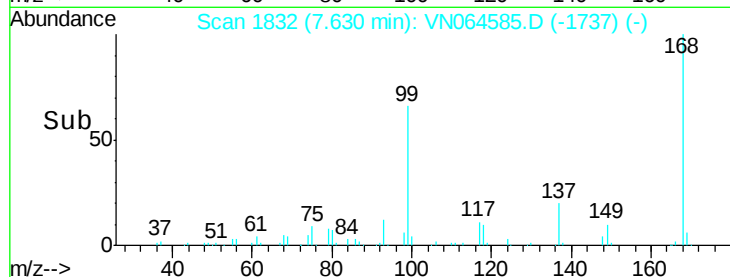
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 21.067 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN064585.D

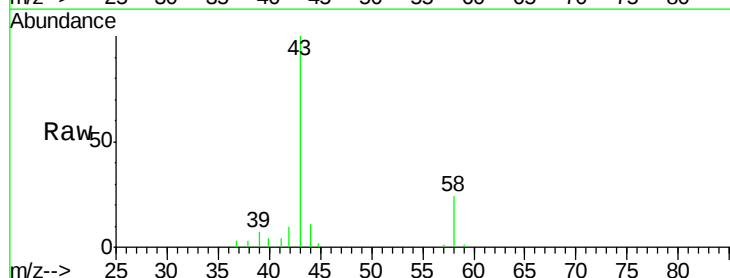
Acq: 12 Nov 2020 16:49

Tgt Ion: 43 Resp: 31819

Ion Ratio Lower Upper

43 100

58 24.9 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

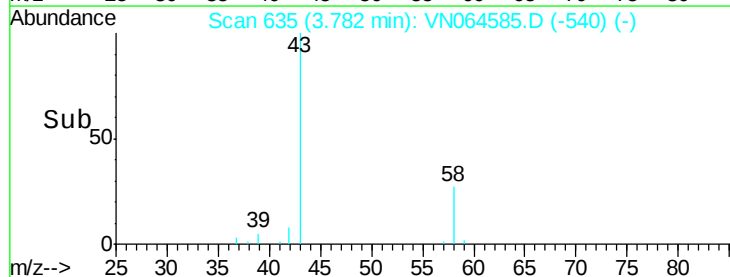
3.78

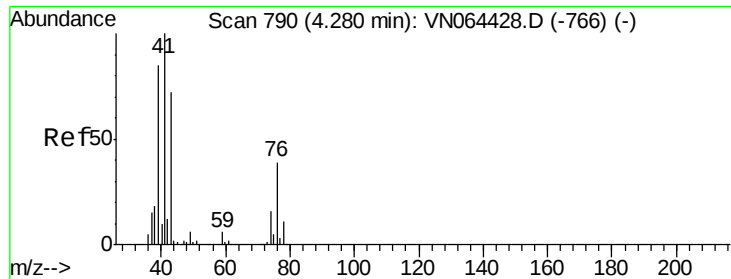
10000

5000

0

Time--> 3.70 3.80 3.90

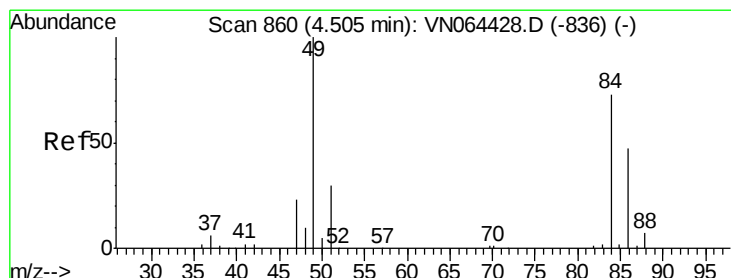
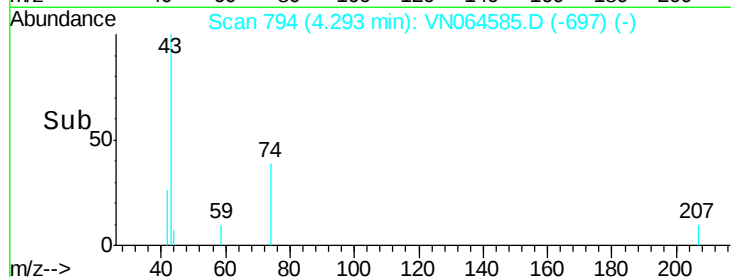
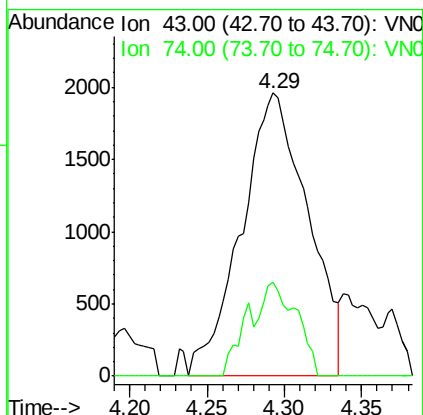
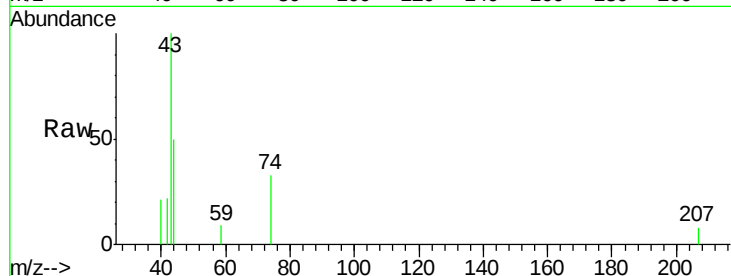




#18
Methyl Acetate
Concen: 1.980 ug/l
RT: 4.29 min Scan# 794
Delta R.T. 0.01 min
Lab File: VN064585.D
Acq: 12 Nov 2020 16:49

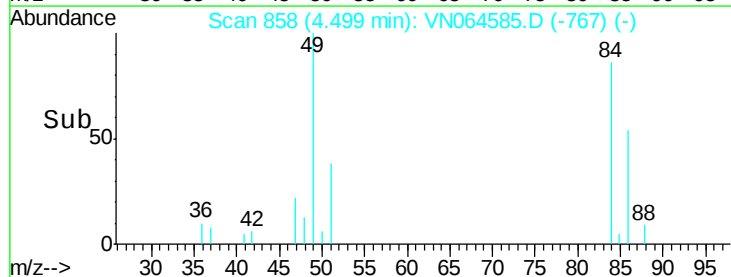
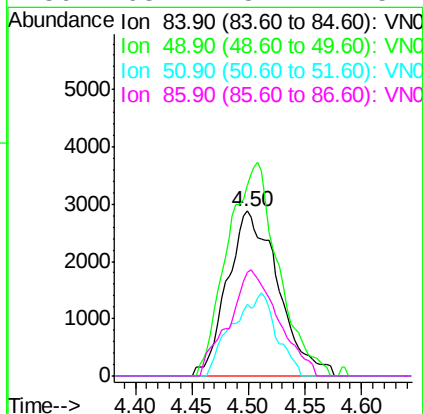
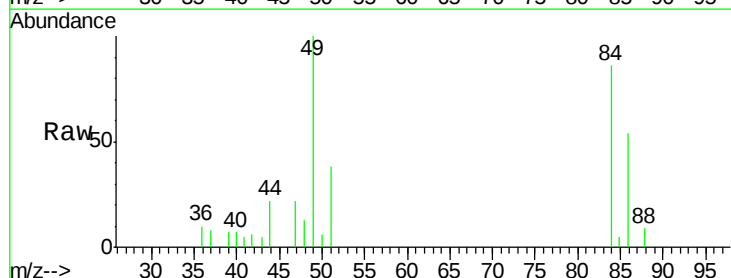
Instrument :
MSVOA_N
ClientSampleId :
TRANSFORMER-1-4-BOTTOM

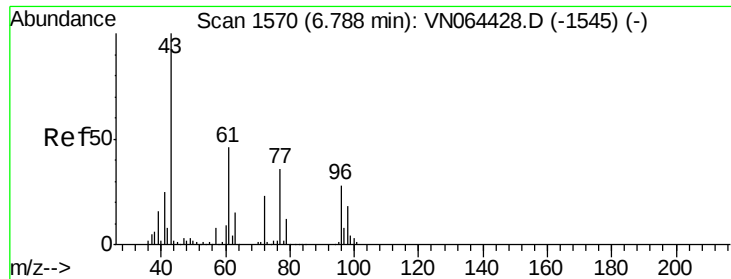
Tot Ion: 43 Resp: 5880
Ion Ratio Lower Upper
43 100
74 17.7 17.0 25.4



#20
Methylene Chloride
Concen: 3.004 ug/l
RT: 4.50 min Scan# 858
Delta R.T. -0.01 min
Lab File: VN064585.D
Acq: 12 Nov 2020 16:49

Tgt Ion: 84 Resp: 9003
Ion Ratio Lower Upper
84 100
49 116.0 110.1 165.1
51 43.6 33.6 50.4
86 63.1 52.1 78.1

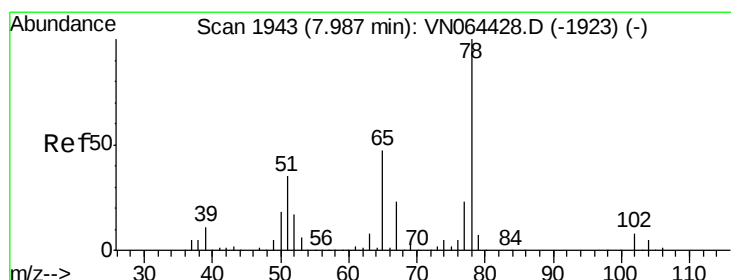
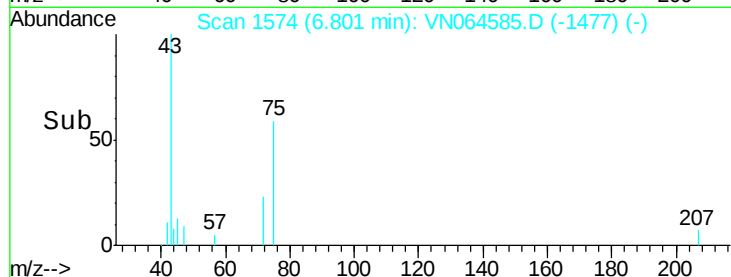
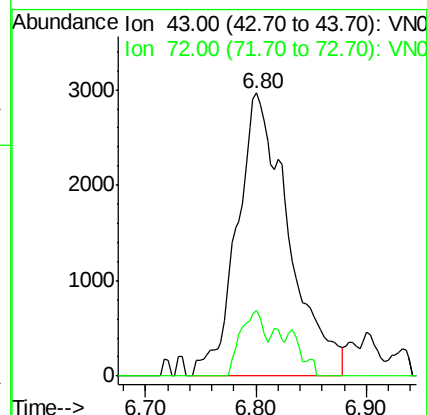
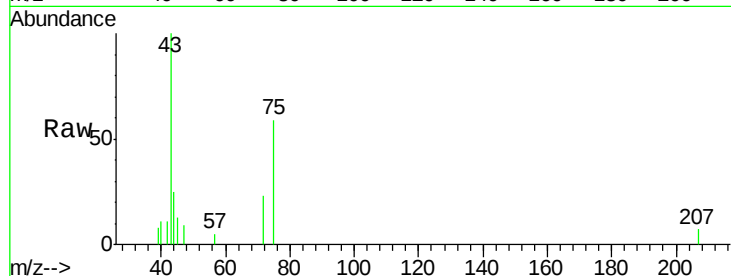




#25
2-Butanone
Concen: 5.000 ug/l
RT: 6.80 min Scan# 1574
Delta R.T. 0.01 min
Lab File: VN064585.D
Acq: 12 Nov 2020 16:49

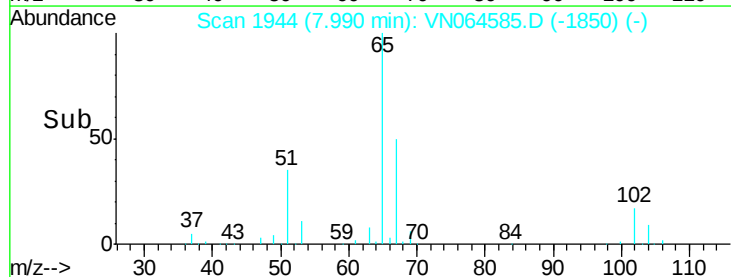
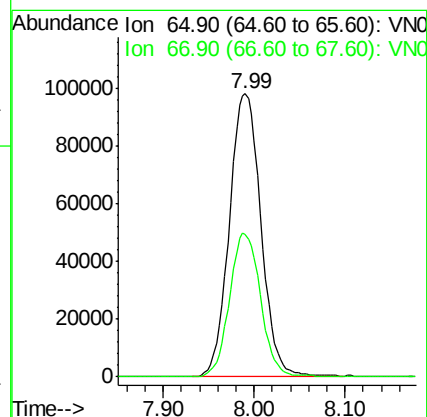
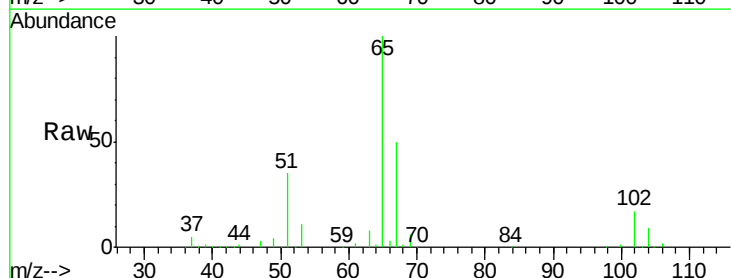
Instrument :
MSVOA_N
ClientSampleId :
TRANSFORMER-1-4-BOTTOM

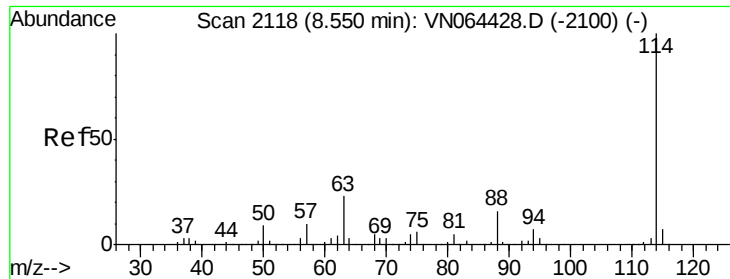
Tot Ion: 43 Resp: 9622
Ion Ratio Lower Upper
43 100
72 23.0 18.5 27.7



#33
1,2-Dichloroethane-d4
Concen: 59.933 ug/l
RT: 7.99 min Scan# 1944
Delta R.T. 0.00 min
Lab File: VN064585.D
Acq: 12 Nov 2020 16:49

Tgt Ion: 65 Resp: 237640
Ion Ratio Lower Upper
65 100
67 49.9 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: VN064585.D

Acq: 12 Nov 2020 16:49

Instrument :

MSVOA_N

ClientSampleId :

TRANSFORMER-1-4-BOTTOM

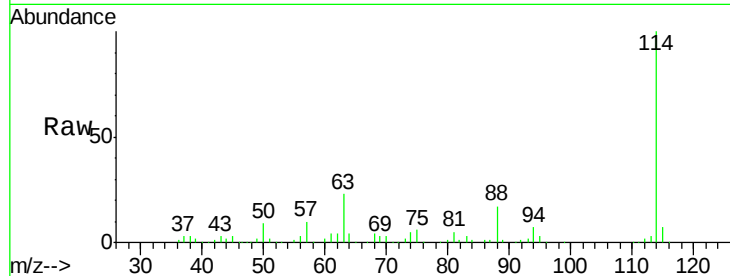
Tot Ion:114 Resp: 504931

Ion Ratio Lower Upper

114 100

63 23.0 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): VN0

Ion 87.90 (87.60 to 88.60): VN0

300000

250000

200000

150000

100000

50000

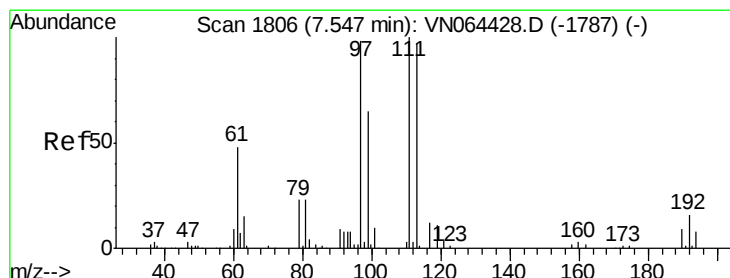
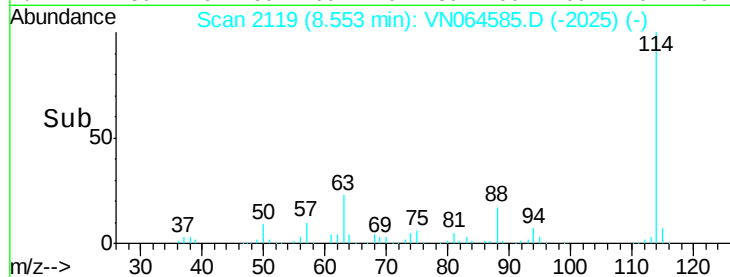
0

8.55

8.50

8.60

Time-->



#35

Dibromofluoromethane

Concen: 50.328 ug/l

RT: 7.55 min Scan# 1808

Delta R.T. 0.01 min

Lab File: VN064585.D

Acq: 12 Nov 2020 16:49

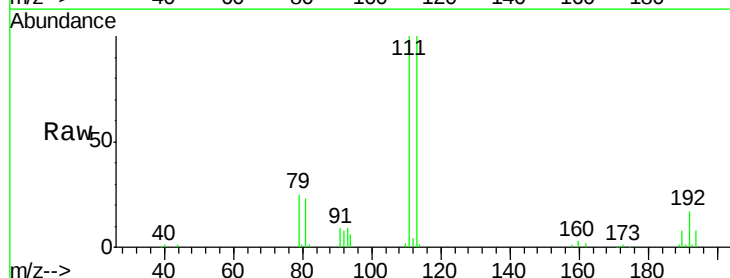
Tgt Ion:113 Resp: 173022

Ion Ratio Lower Upper

113 100

111 102.1 81.1 121.7

192 16.3 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

80000

60000

40000

20000

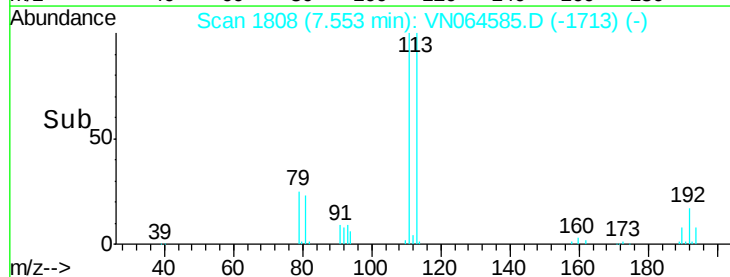
0

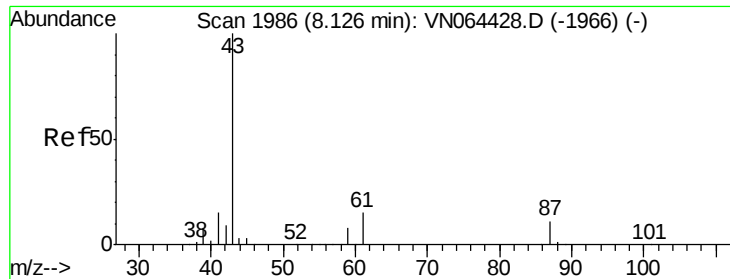
7.55

7.50

7.60

Time-->

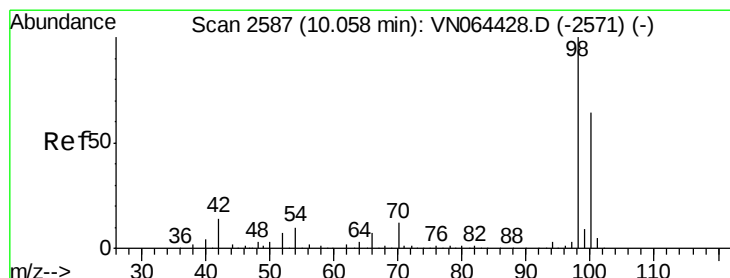
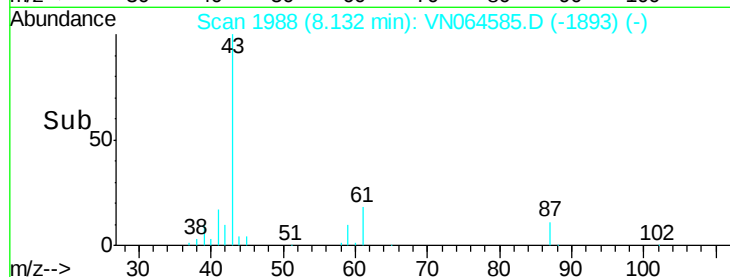
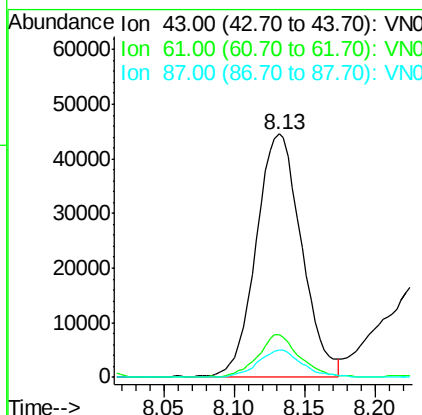
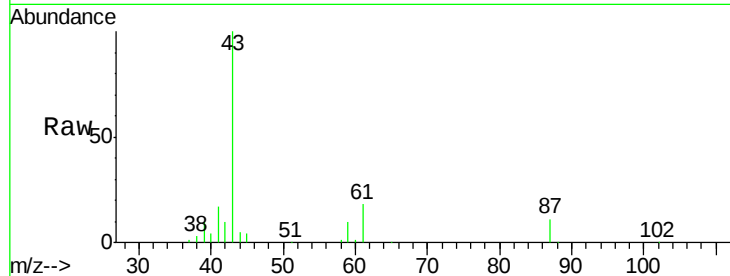




#43
Isopropyl Acetate
Concen: 11.601 ug/l
RT: 8.13 min Scan# 1988
Delta R.T. 0.01 min
Lab File: VN064585.D
Acq: 12 Nov 2020 16:49

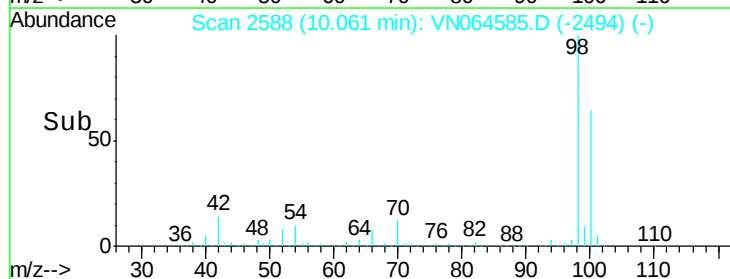
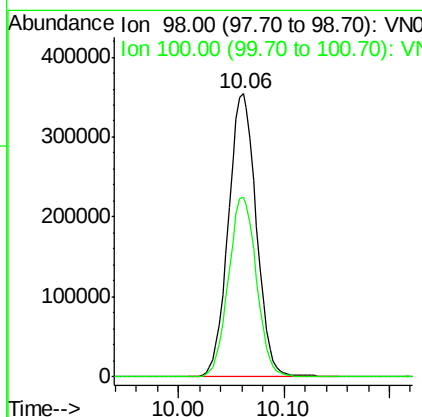
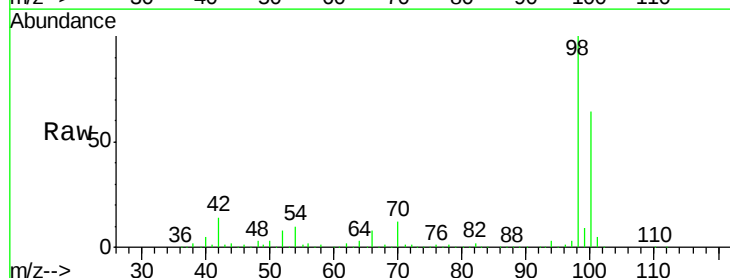
Instrument :
MSVOA_N
ClientSampleId :
TRANSFORMER-1-4-BOTTOM

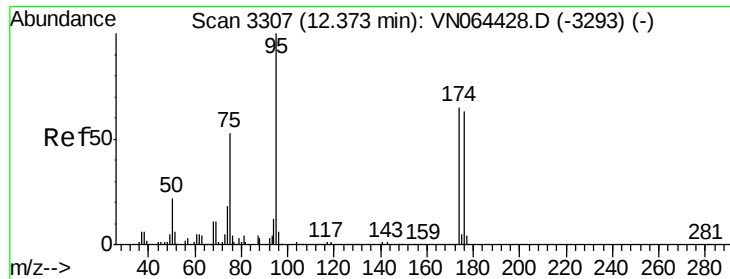
Tot Ion: 43 Resp: 100290
Ion Ratio Lower Upper
43 100
61 16.1 14.0 21.0
87 10.9 9.1 13.7



#50
Toluene-d8
Concen: 48.899 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN064585.D
Acq: 12 Nov 2020 16:49

Tgt Ion: 98 Resp: 649737
Ion Ratio Lower Upper
98 100
100 63.6 50.7 76.1





#62

4-Bromofluorobenzene

Concen: 47.931 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064585.D

Acq: 12 Nov 2020 16:49

Instrument :

MSVOA_N

ClientSampleId :

TRANSFORMER-1-4-BOTTOM

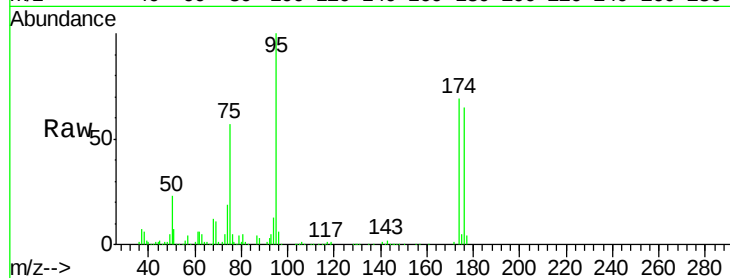
Tot Ion: 95 Resp: 240859

Ion Ratio Lower Upper

95 100

174 70.4 0.0 132.6

176 66.4 0.0 129.2

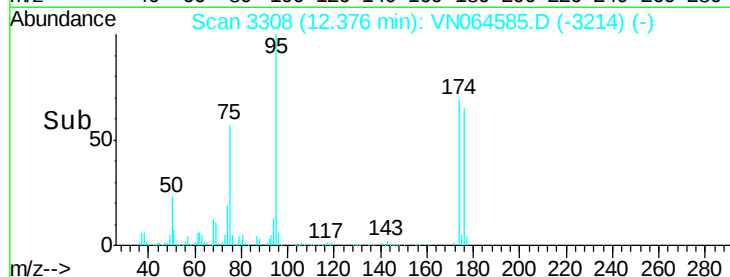


Abundance Ion 94.90 (94.60 to 95.60): VN064428.D (-3293) (-)

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

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

Time-->

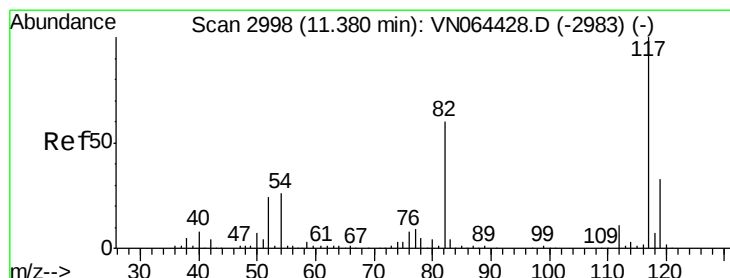


Abundance Ion 94.90 (94.60 to 95.60): VN064585.D (-3214) (-)

Ion 173.80 (173.50 to 174.50): VN064585.D (-3214) (-)

Ion 175.80 (175.50 to 176.50): VN064585.D (-3214) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. -0.00 min

Lab File: VN064585.D

Acq: 12 Nov 2020 16:49

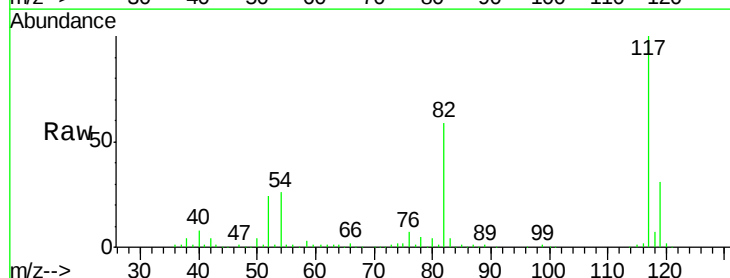
Tgt Ion: 117 Resp: 542847

Ion Ratio Lower Upper

117 100

82 59.0 48.1 72.1

119 30.7 26.2 39.4

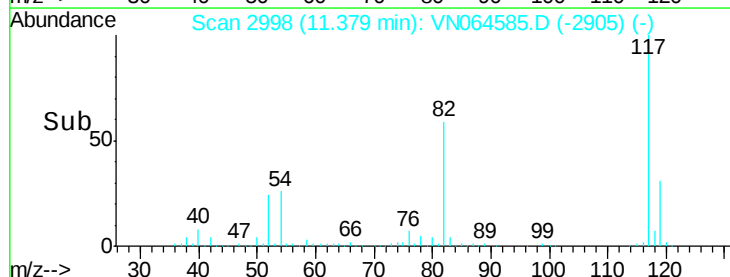


Abundance Ion 116.90 (116.60 to 117.60): VN064428.D (-2983) (-)

Ion 82.00 (81.70 to 82.70): VN064428.D (-2983) (-)

Ion 118.90 (118.60 to 119.60): VN064428.D (-2983) (-)

Time-->

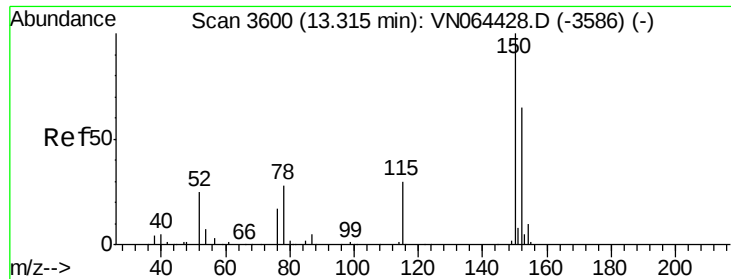


Abundance Ion 116.90 (116.60 to 117.60): VN064585.D (-2905) (-)

Ion 82.00 (81.70 to 82.70): VN064585.D (-2905) (-)

Ion 118.90 (118.60 to 119.60): VN064585.D (-2905) (-)

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064585.D

Acq: 12 Nov 2020 16:49

Instrument :

MSVOA_N

ClientSampleId :

TRANSFORMER-1-4-BOTTOM

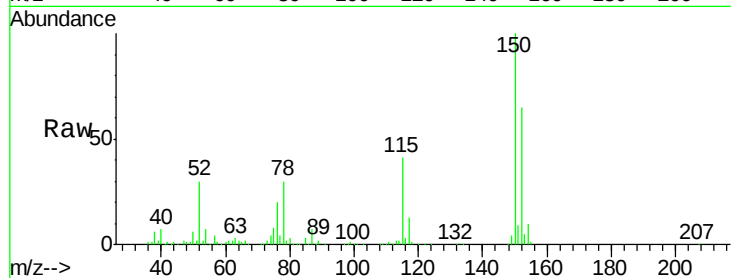
Tot Ion:152 Resp: 192563

Ion Ratio Lower Upper

152 100

115 65.0 32.0 96.0

150 155.1 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

