

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111220\
 Data File : VN064581.D
 Acq On : 12 Nov 2020 15:12
 Operator : JC/MD
 Sample : L4701-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRANSFORMER-1-2-BOTTOM

Manual Integrations
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 11/13/2020 11:42:34 AM

Quant Time: Nov 13 03:37:27 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	230217	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	515643	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	547707	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	193192	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	237092	59.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.24%	
35) Dibromofluoromethane	7.55	113	174212	49.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.24%	
50) Toluene-d8	10.06	98	665354	49.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.06%	
62) 4-Bromofluorobenzene	12.38	95	247002	48.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.26%	
Target Compounds						
16) Acetone	3.79	43	15855	10.380	ug/l	95
18) Methyl Acetate	4.30	43	5672m	1.889	ug/l	
20) Methylene Chloride	4.51	84	9783	3.228	ug/l #	94
43) Isopropyl Acetate	8.13	43	99242	11.242	ug/l	99

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

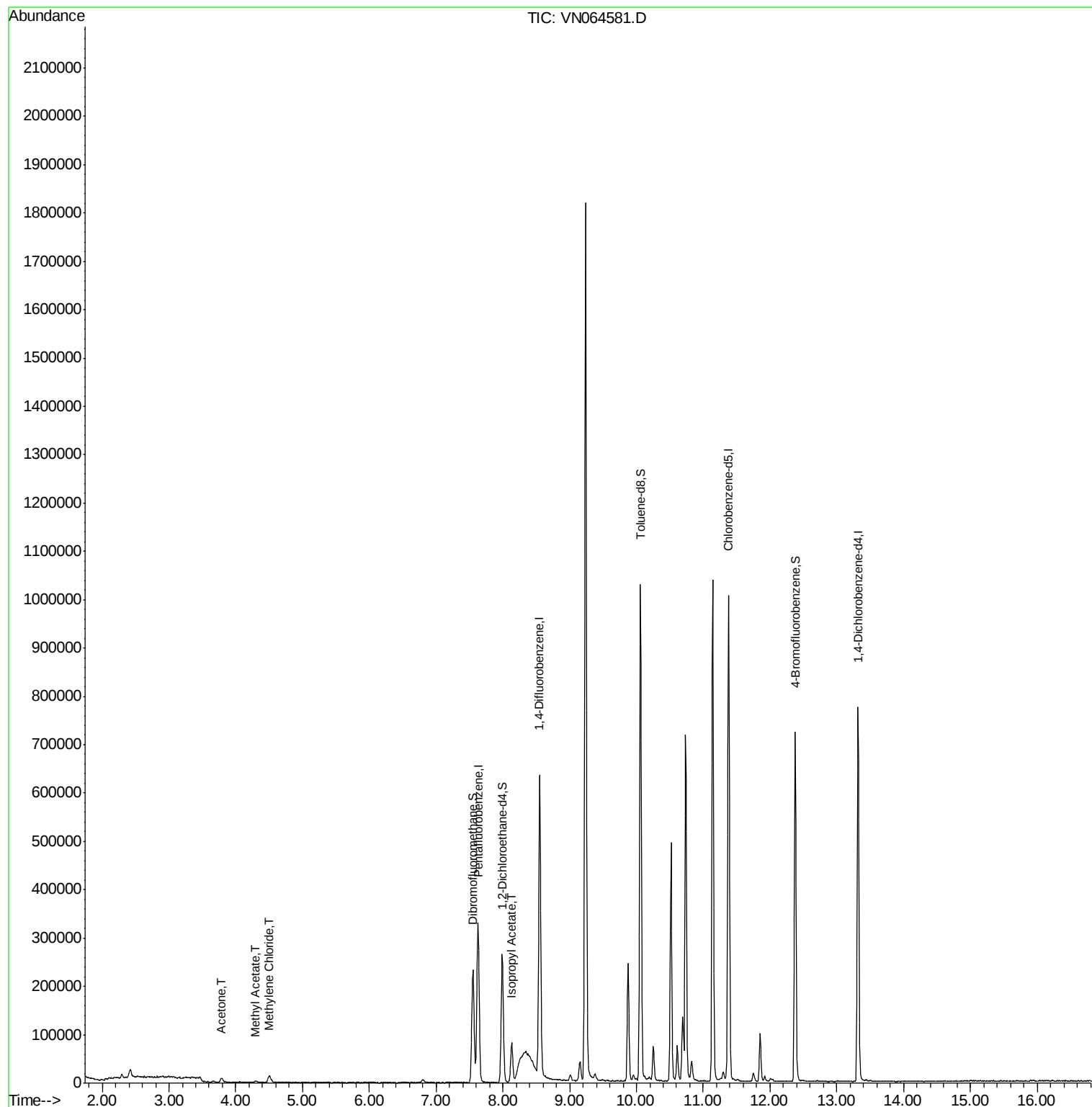
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111220\
Data File : VN064581.D
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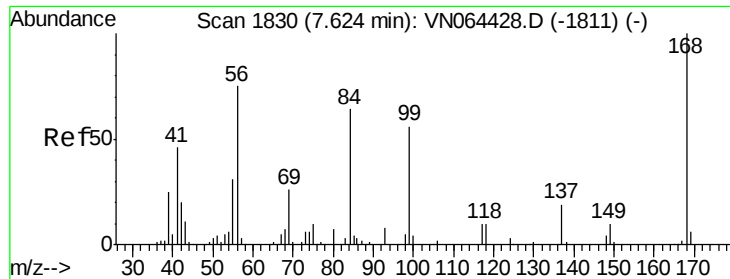
Instrument :
MSVOA_N
ClientSampleId :
TRANSFORMER-1-2-BOTTOM

Quant Time: Nov 13 03:37:27 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

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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: VN064581.D

Acq: 12 Nov 2020 15:12

Instrument :

MSVOA_N

ClientSampleId :

TRANSFORMER-1-2-BOTTOM

Tot Ion:168 Resp: 230217

Ion Ratio Lower Upper

168 100

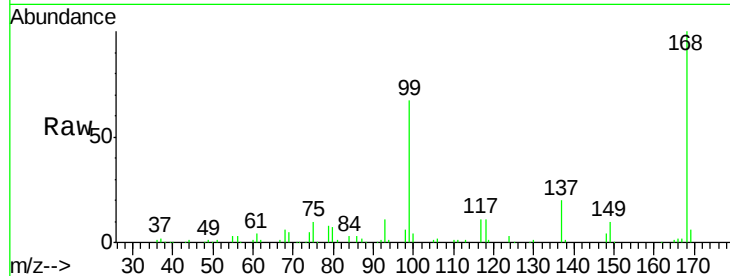
99 67.3 53.4 80.2

Manual Integrations

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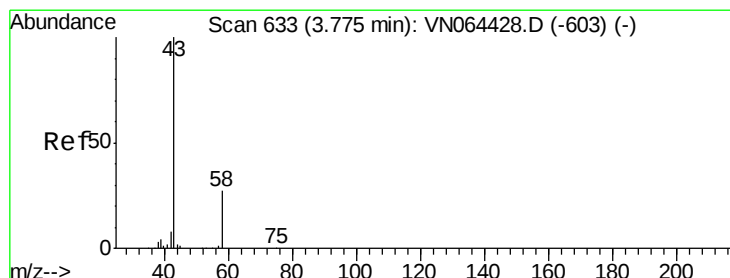
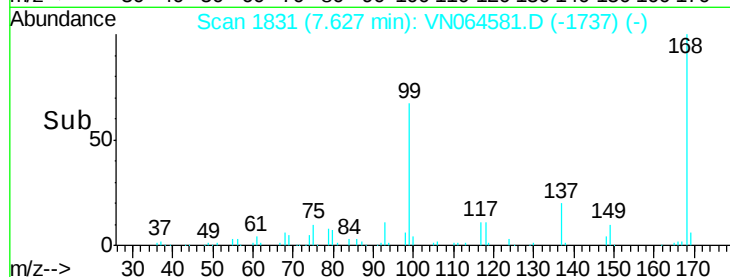
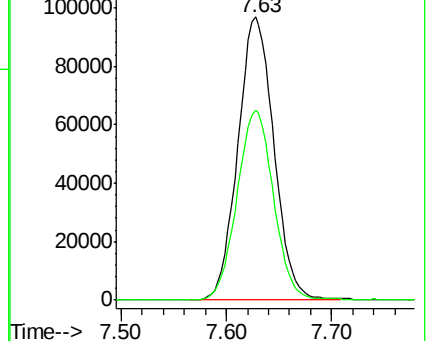
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 10.380 ug/l

RT: 3.79 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN064581.D

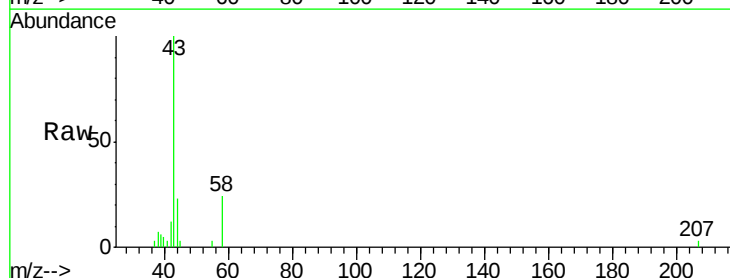
Acq: 12 Nov 2020 15:12

Tgt Ion: 43 Resp: 15855

Ion Ratio Lower Upper

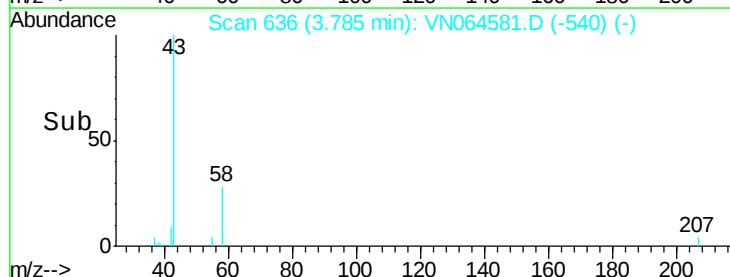
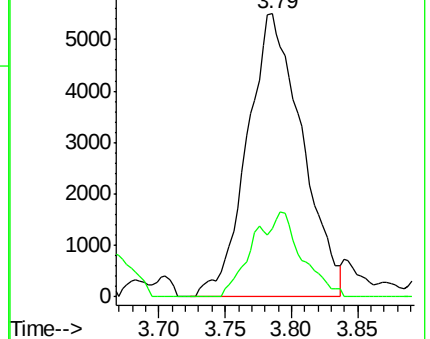
43 100

58 24.2 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





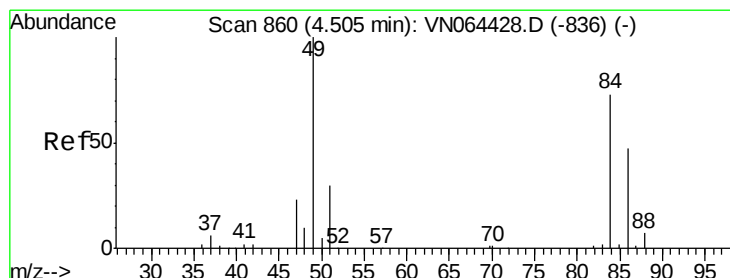
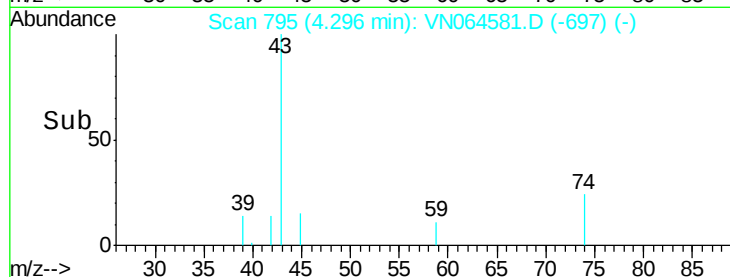
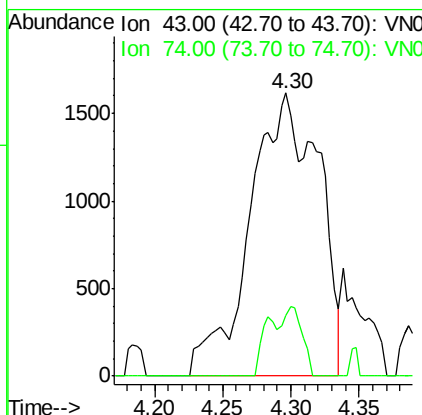
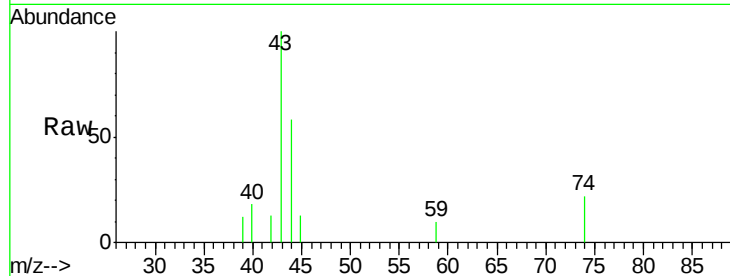
#18
Methyl Acetate
Concen: 1.889 ug/l m
RT: 4.30 min Scan# 795
Delta R.T. 0.02 min
Lab File: VN064581.D
Acq: 12 Nov 2020 15:12

Instrument :
MSVOA_N
ClientSampleId :
TRANSFORMER-1-2-BOTTOM

Tot Ion: 43 Resp: 5672
Ion Ratio Lower Upper
43 100
74 7.2 17.0 25.4#

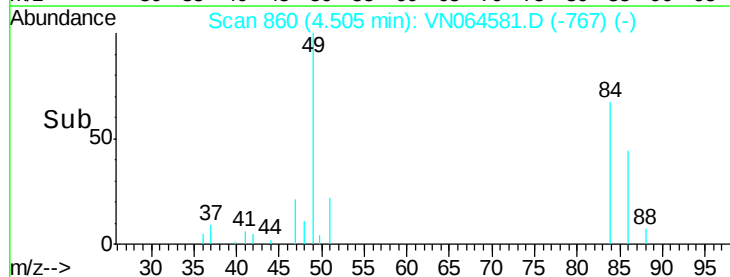
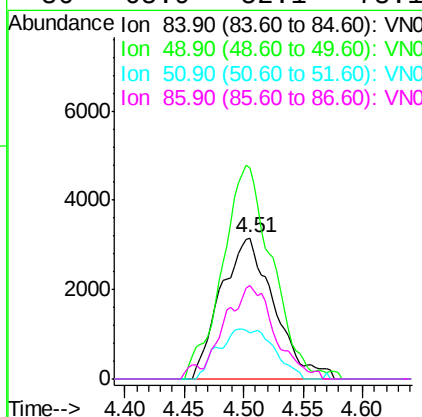
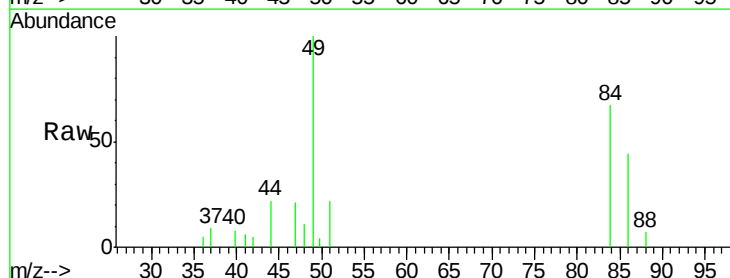
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#20
Methylene Chloride
Concen: 3.228 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN064581.D
Acq: 12 Nov 2020 15:12

Tgt Ion: 84 Resp: 9783
Ion Ratio Lower Upper
84 100
49 145.1 110.1 165.1
51 33.1 33.6 50.4#
86 65.9 52.1 78.1





#33

1,2-Dichloroethane-d4

Concen: 59.125 ug/l

RT: 7.99 min Scan# 1944

Delta R.T. 0.00 min

Lab File: VN064581.D

Acq: 12 Nov 2020 15:12

Instrument :

MSVOA_N

ClientSampleId :

TRANSFORMER-1-2-BOTTOM

Tot Ion: 65 Resp: 237092

Ion Ratio Lower Upper

65 100

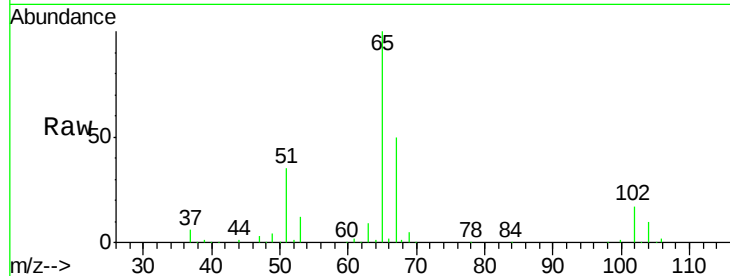
67 49.6 0.0 101.6

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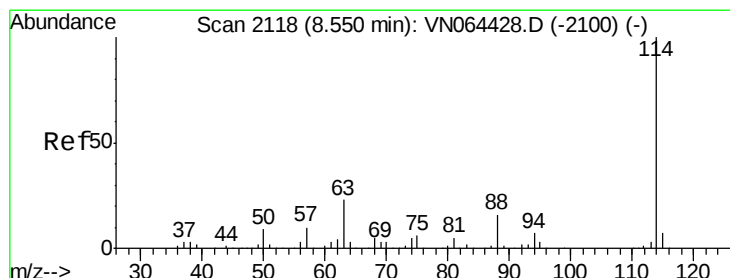
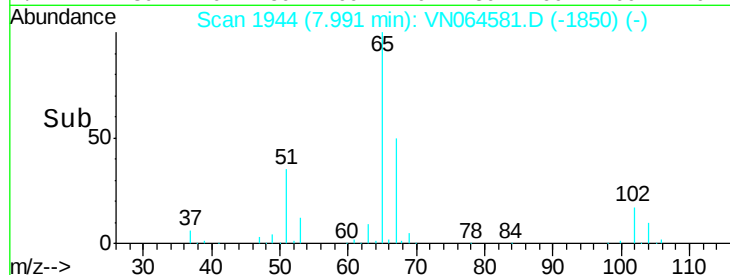


Abundance Ion 64.90 (64.60 to 65.60): VN064428.D (-1923) (-)

Ion 66.90 (66.60 to 67.60): VN064428.D (-1923) (-)

Time-->

7.90 7.95 8.00 8.05



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN064581.D

Acq: 12 Nov 2020 15:12

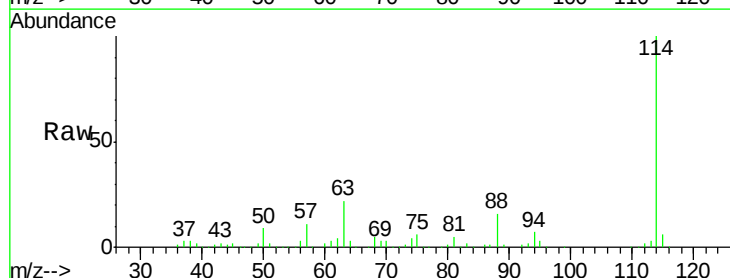
Tgt Ion: 114 Resp: 515643

Ion Ratio Lower Upper

114 100

63 22.4 0.0 45.6

88 15.5 0.0 32.8



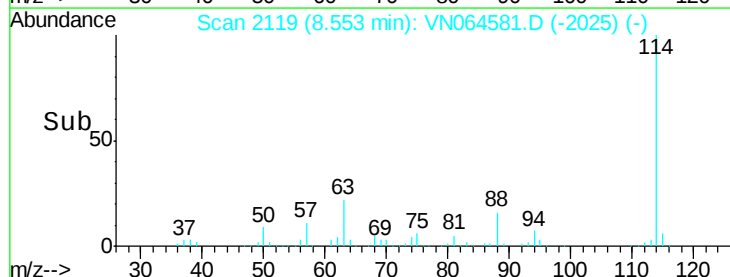
Abundance Ion 113.90 (113.60 to 114.60): VN064428.D (-2100) (-)

Ion 63.00 (62.70 to 63.70): VN064428.D (-2100) (-)

Ion 87.90 (87.60 to 88.60): VN064428.D (-2100) (-)

Time-->

8.50 8.55 8.60





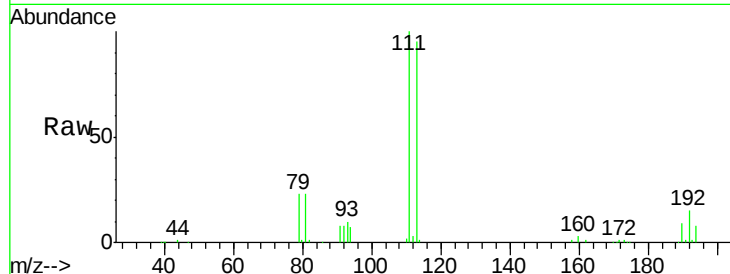
#35
 Dibromofluoromethane
 Concen: 49.621 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064581.D
 Acq: 12 Nov 2020 15:12

Instrument :
 MSVOA_N
 ClientSampleId :
 TRANSFORMER-1-2-BOTTOM

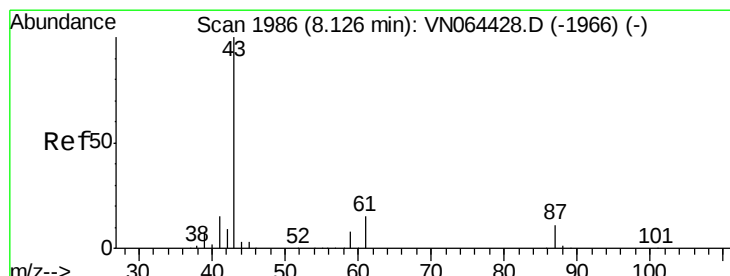
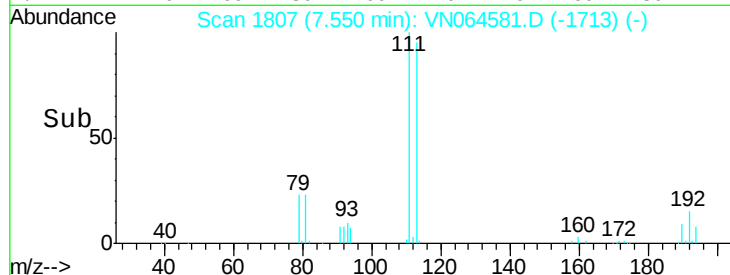
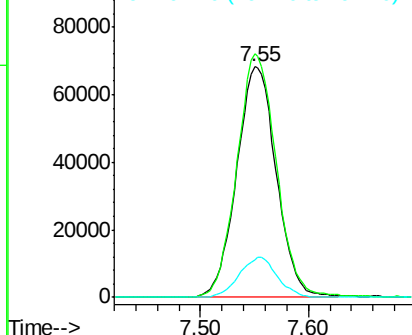
Tot Ion	Ratio	Resp	Lower	Upper
113	100	174212		
111	105.3	81.1	121.7	
192	16.7	12.8	19.2	

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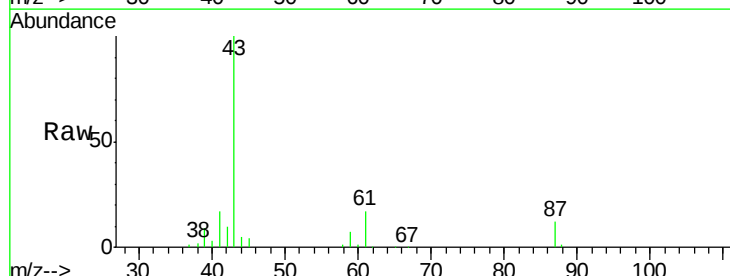


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

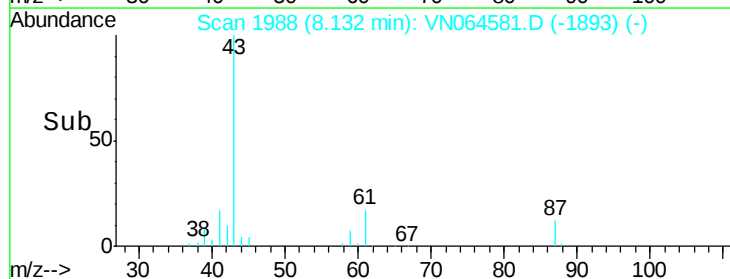
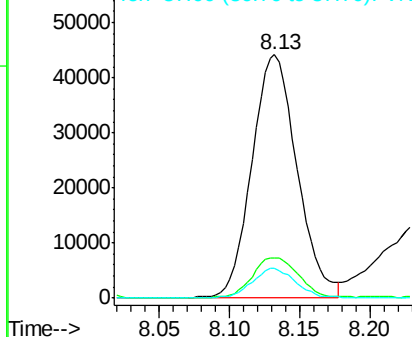


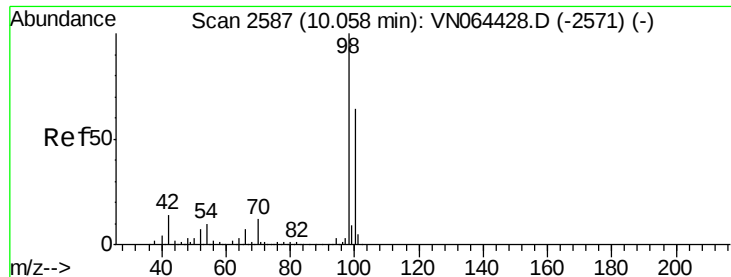
#43
 Isopropyl Acetate
 Concen: 11.242 ug/l
 RT: 8.13 min Scan# 1988
 Delta R.T. 0.01 min
 Lab File: VN064581.D
 Acq: 12 Nov 2020 15:12

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	99242		
61	17.2	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





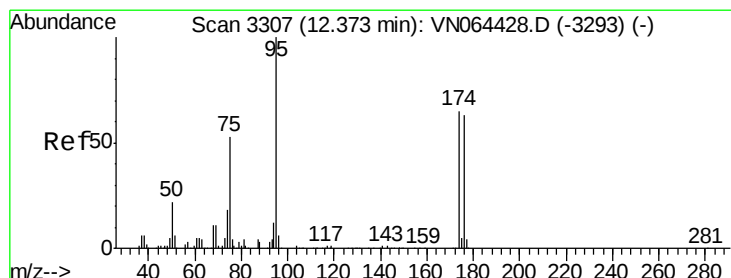
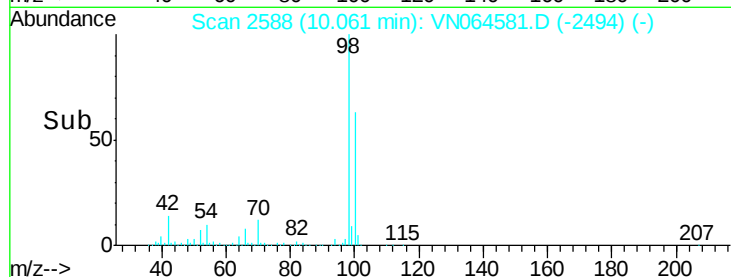
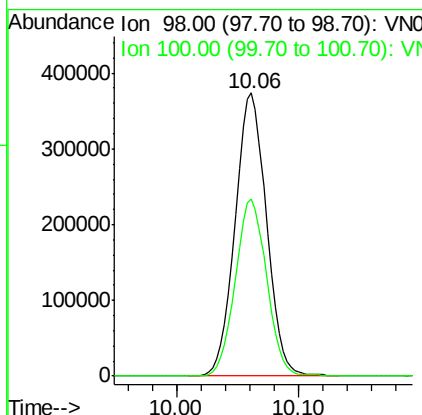
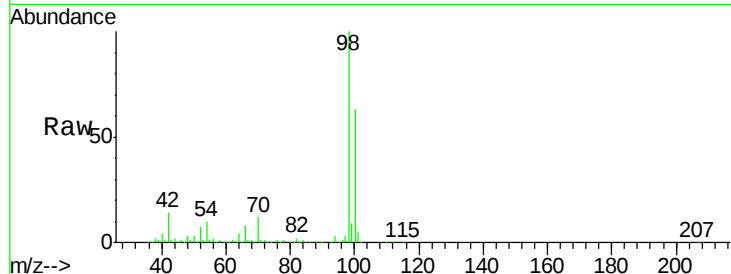
#50
Toluene-d8
Concen: 49.034 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN064581.D
Acq: 12 Nov 2020 15:12

Instrument :
MSVOA_N
ClientSampleId :
TRANSFORMER-1-2-BOTTOM

Tot Ion: 98 Resp: 665354
Ion Ratio Lower Upper
98 100
100 62.5 50.7 76.1

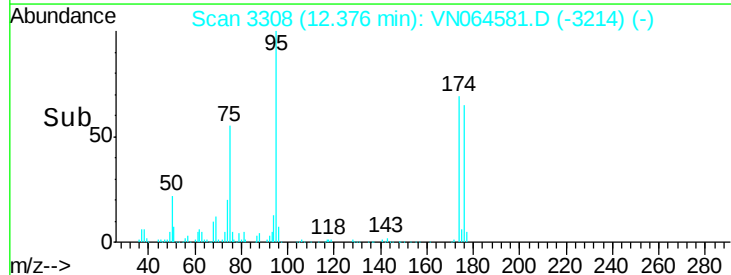
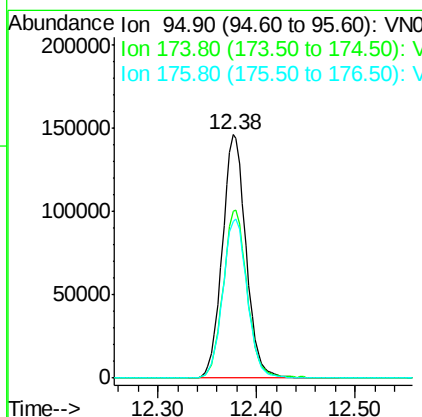
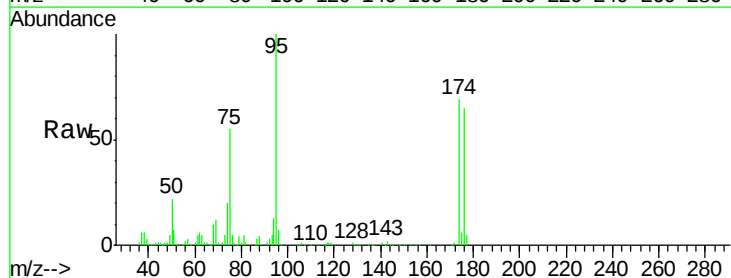
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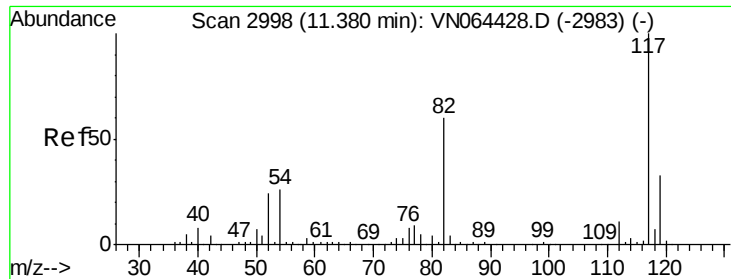
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#62
4-Bromofluorobenzene
Concen: 48.132 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064581.D
Acq: 12 Nov 2020 15:12

Tgt Ion: 95 Resp: 247002
Ion Ratio Lower Upper
95 100
174 69.5 0.0 132.6
176 67.0 0.0 129.2





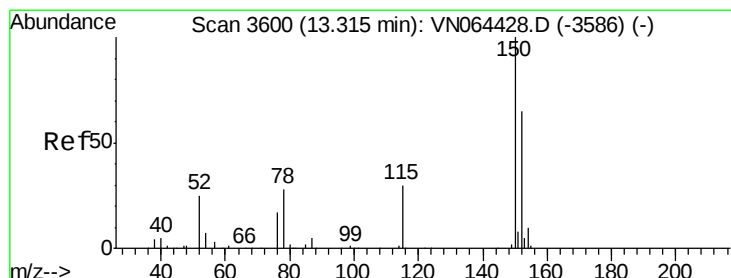
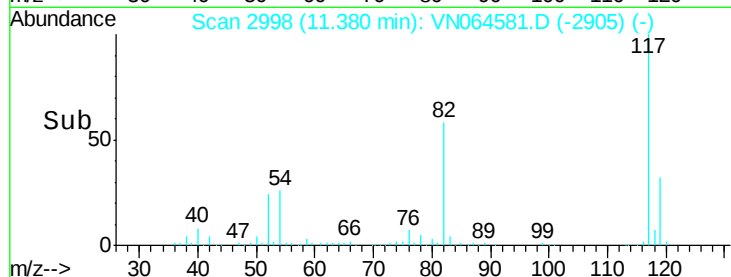
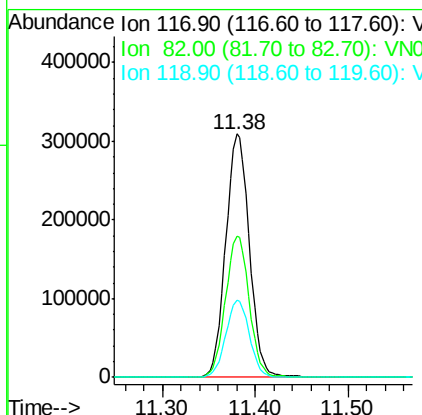
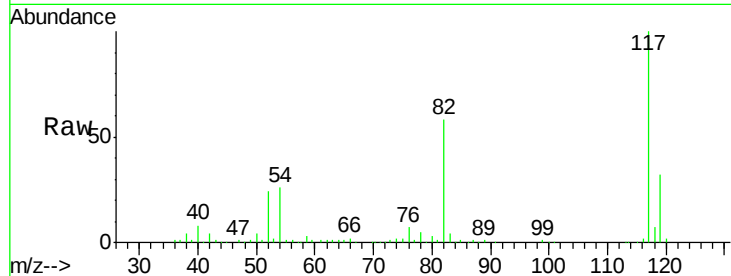
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064581.D
Acq: 12 Nov 2020 15:12

Instrument :
MSVOA_N
ClientSampleId :
TRANSFORMER-1-2-BOTTOM

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.3	48.1	72.1
119	31.7	26.2	39.4

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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064581.D
Acq: 12 Nov 2020 15:12

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.5	32.0	96.0
150	157.0	0.0	353.8

